

MP aes attributes backends basexx bibtex bit32
blobs boolean buffers builders bytemap caches
callback callbacks catcodes characters
chemistry commands containers context
converters coroutine ctxrunner debug dir
directives document documentdata drivers
effects environment experiments figures file
fio floats font fonts functions globaldata
globals graphics gzip helper images
interactions interfaces io job kpse language
languages layouts lfs libraries lmx loaders
logs lpdf lpeg lua luac luatex lxml math
mathematics md5 metapost mime moduledata
modules mp mplib nanojpeg noads node nodes
number objects optional os package
pagebuilders parametersets pdf pdfdecode pdfex
physics pngdecode posit potrace publications
qrcodegen regimes resolvers sandbox scripts
serial set sha2 sio socket sorters sparse
statistics status storage streams string
structures table tex texconditionals texconfig
texconstants texifs texio texisdefined
texmodes texsystemmodes thirddata token tokens
tracers trackers typesetters updaters url
userdata utf8 utilities vector visualizers
xcomplex xdecimal xmath xml xzip zip zlib

ConTeXt LMTX

global (alias: _G)

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LUAFORMAT	number	directives	table
LUAMAJORVERSION	number	document	table
LUAMINORVERSION	number	documentdata	table
LUATEXENGINE	string	dofile	function
LUATEXFORMATID	number	drivers	table
LUATEXFUNCTIONALITY	number	effects	table
LUATEXVERBOSE	string	environment	table
LUATEXVERSION	number	error	function
LUAVERSION	number	experiments	table
MP	function	figures	table
SAVEDREQUIRE	function	file	table
aes	table	fio	table
arg	table	floats	table
assert	function	font	table
attributes	table	fonts	table
backends	table	functions	table
basexx	table	getmetatable	function
bibtex	table	globaldata	table
bit32	table	globals	table
blobs	table	graphics	table
boolean	table	gzip	table
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bytemap	table	inspect	function
caches	table	interactions	table
callback	table	interfaces	table
callbacks	table	io	table
catcodes	table	ipairs	function
characterkern	function	job	table
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chemistry	table	language	table
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context	function	libraries	table
converters	table	ltx	table
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ctxrunner	table	loaders	data table
debug	table	loadfile	function
dimen	function	loadstring	function

logs	table	rawset	function
lpdf	table	regimes	table
lpeg	table	require	function
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luac	table	sandbox	table
luatex	table	scripts	table
lxml	table	select	function
math	table	serial	table
mathematics	table	set	table
md5	table	setinspector	function
metapost	table	setmathparameters	function
mime	table	setmetatable	function
moduledata	table	sha2	table
modules	table	sio	table
mp	function	socket	table
mplib	table	sorters	table
nanojpeg	table	sparse	table
next	function	statistics	table
noads	table	status	table
node	table	storage	table
nodes	table	streams	table
number	table	string	table
objects	table	structures	table
optional	table	table	table
optionalrequire	function	tex	table
os	table	texconditionals	data table
package	table	texconfig	table
pagebuilders	table	texconstants	data table
pairs	function	texifs	data table
parametersets	table	texio	table
pcall	function	texisdefined	data table
pdf	table	texmodes	data table
pdfdecode	table	texsystemmodes	data table
pdfe	table	thirddata	table
physics	table	toboolean	function
pngdecode	table	todecimal	function
posit	table	token	table
potrace	table	tokens	table
print	function	tonumber	function
publications	table	tostring	function
qrcodegen	table	tracers	table
rawequal	function	trackers	table
rawget	function	type	function
rawlen	function	typesetters	table

unpack	function	warn	function
updaters	table	xcomplex	table
url	table	xdecimal	table
userdata	table	xmath	table
utf	table	xml	table
utf8	table	xpcall	function
utilities	table	xzip	table
vector	table	zip	table
visualizers	table	zlib	table

aes (extra lua)

decode function
encode function

random function

attributes (context)

alternates table

N attribute
D data
F enable
F handler
F register
D registered
D values

applyoverloads function

checkvalues function

colorintents table

N attribute
D data
F enable
F handler
F register
D registered

colors table

N attribute
F cmyk
F cmyktogray
F cmyktorgb
F colorcomponents
D counts
B couple
F currentmodel
F currentnamedmodel
D data
N default
F defineintermediatecolor
F definemultitonecolor
F defineprocesscolor
F defineprocesscolordirect
F definesimplegray
F definespotcolor
F definetransparency
F enable
F filter
N forced
F forcedmodel
F forcesupport

F formatcolor
F formatgray
F formatluminance
F formatluminanceratio
F getpagecolormodel
F gray
F graytohsv
F handler
T helpers
F complement
F inbetween
F justone
F hsvtogray
F hsvtorgb
F hwbtorgb
F iccprofile
F isblack
F labtolch
F labtorgb
F labtoxyz
F lchtolab
F lchtorgb
N main
S model
D models
F mpcolor
F mpnamedcolor
F mpoptions
F namedcolorattributes
N none
F popset
F processcolorcomponents
F pushset
F register
D registered
F registerspotcolor
F rgb
F rgbbytes
F rgbtocmyk
F rgbtogray
F rgbtohsv

F rgbtoxyz
 N selector
 F setlist
 F setmodel
 F setpagecolormodel
 D sets
 F spec
 F spot
 F spotcolorname
 F spotcolorparent
 F spotcolorvalue
 B supported
 F toattributes
 F transparencycomponents
 B triggering
 F usecolors
 D valid
 F value
 D values
 B weightgray
 F xyztolab
 F xyztorgb

counts data table
define function
effects table

N attribute
 D data
 F enable
 F handler
 F register
 D registered
 D values

getvalue function
getvalues function
handlers table
hasvalues function
list data table
markasoverload function
names data table
negatives table

N attribute
 D data
 F enable
 F handler

F register
 D registered
 F set

numbers data table
ofnode function
private function
public function
registervalue function
restore function
save function
setcleaner function
showcurrent function
states table

F disabletriggering
 F enabletriggering
 F finalize
 F initialize
 F process
 F selective
 F simple
 F stacked
 F stacker

system function
tooverloads function
transparencies table

N attribute
 D data
 F enable
 F forcesupport
 F handler
 T names
 N color
 N colorburn
 N colordodge
 N darken
 N difference
 N exclusion
 N hardlight
 N hue
 N lighten
 N luminosity
 N multiply
 N none
 N normal

N overlay		F definedlayoutcomponent
N saturation		F enable
N screen		F forcesupport
N softlight		F handler
N none		B hasorder
F register		D listwise
D registered		F register
B supported		D registered
F toattribute		F resolve_begin
B triggering		F resolve_end
F value		F resolve_reset
D values		F resolve_step
unsetvalue	number	D scopes
values	data table	F setfeatures
viewerlayers	table	F setup
N attribute		F start
F cleanup		F stop
D data		B supported
F define		D values

backends (context)

closeout	function	F analyze normalsymbol
codeinjections	table	F analyzesymbol
F registerboxresource		F attachmentid
F registerfont		F bitmap
F restoreboxresource		F clonefield
current	string	F copyimage
defaults	table	F defaultprofile
T codeinjections		F definefield
F prerollreference		F definefieldset
F setautoprefix		F defineviewerlayer
F vfstartcolor		F discardpages
F vfstopcolor		F embedfile
T nodeinjections		F embedimage
F cmykcolor		F enabletags
F destination		F exportformdata
F graycolor		F fieldsurrounding
F injectknockout		F flushmergelayer
F injectoverprint		F getbookmarks
F reference		F getboxresourcebox
F rgbcolor		F getdefaultfieldvalue
F spotcolor		F getfieldcategory
F transparency		F getfieldset
T registrations		F getformatoption
F transparency		F getinfo
D tables		F getlinkstructureparent
getcallbackstate	function	F getreferencestructureobject
included	table	F getrefobj
B context		F insertrenderingwindow
B date		F jp2
B id		F jpg
B metadata		F maptag
B pdf		F mergebookmarks
initialize	function	F mergecomments
latelua	function	F mergefields
nodeinjections	table	F mergereferences
nothing	function	F mergerenditions
openout	function	F mergeviewerlayers
registered	table	F newimage
T pdf		F png
T codeinjections		F prerollreference
F addbookmarks		F presetsymbol

F presetsymbolist	F useviewerlayer
F processrendering	F validcompactor
F registerdocumentcloseaction	F validfield
F registerdocumentopenaction	F validfieldcategory
F registeredsymbol	F validfieldset
F registerfiguremask	F vfstartcolor
F registerfigurerange	F vfstopcolor
F registerpagecloseaction	F wrapimage
F registerpageopenaction	S name
F registerpattern	T nodeinjections
F registersymbol	F addtags
F ruleactionbox	F annotation
F ruleactiondraw	F attachfile
F ruleactionfill	F changestackedlayer
F ruleactionmp	F cmykcolor
F ruleactionstroke	F comment
F saveboxresource	F destination
F scanimage	F effect
F setattachmentsupport	F getboxresourcedimensions
F setautoprefix	F graycolor
F setencryption	F injectbitmap
F setfieldcalculationset	F insertu3d
F setfigurecolorspace	F knockout
F setfiguremask	F negative
F setformat	F overprint
F setformsmethod	F positive
F setjobcomment	F reference
F setpagetransition	F rgbcolor
F settaggingsupport	F spotcolor
F setupviewerlayer	F startalternate
F setuserdata	F startlayer
F setxmpfile	F startstackedlayer
F startactualtext	F stopalternate
F startalternativetext	F stoplayer
F startlayer	F stopstackedlayer
F startunicodetoactualtext	F transparency
F startunicodetoactualtextdirect	F typesetfield
F stopactualtext	F useboxresource
F stopalternativetext	T registrations
F stoplayer	F cmykindexcolor
F stopunicodetoactualtext	F cmykspotcolor
F stopunicodetoactualtextdirect	F getspotcolorreference
F supportedformats	F grayindexcolor
F unicodetoactualtext	F grayspotcolor

F `rgbindexcolor`
F `rgbspotcolor`
F `spotcolorname`
F `transparency`
T `tables`

registrations table
setencryption function
tables table
writeout function

basexx (extra lua)

decode16 function
decode64 function
decode85 function
decodeLZW function
decodeRL function

encode16 function
encode64 function
encode85 function
encodeLZW function
encodeRL function

bit32 (context)

arshift function
band function
bnot function
bor function
btest function
bxor function

extract function
lrotate function
lshift function
replace function
rrotate function
rshift function

blobs (context)

append	function
dimensions	function
dispose	function
new	function
pack	function
strdp	function
strhd	function

strht	function
strwd	function
tohpack	function
tonodes	function
tovpack	function
write	function

boolean (context)

tocontext function

tonumber function

buffers (context)

append	function
assign	function
collectcontent	function
empty	function
erase	function
exists	function
get	function
getcontent	function
getctxlua	function
getlines	function
getmkvi	function
gettex	function
loadcontent	function

parallel	table
F define	
F hassomecontent	
F next	
F place	
F reset	
F save	
prepend	function
raw	function
run	function
samplefile	function
splitsamplefile	function
undent	function

builders (context)

checkparcontext	function	F start	
checksidefloat	function	F stop	
hpack	table	F tag	
F qualityactions			parpassidentifier function
F report			passnames data table
F show			profiling table
kernel	table	F add	
F collapsing		F addrivers	
F hyphenating		F boxlinehandler	
F kerning		F distance	
F ligaturing		F fixedprofile	
F mlisttohtml		F get	
paragraphs	table	F getrivers	
T constructors		F list	
N attribute		F pagehandler	
F define		F pagelinehandler	
F disable		F profilebox	
F enable		F profilelines	
F handler		F set	
T methods		F setlines	
F basic		registerpaspasscallback function	
F default		vpack table	
F hpack		F qualityactions	
F oneline		F report	
D names		vspacing table	
D numbers		D categories	
F set		F checkstrutdepth	
F start		F collapsevbox	
F stop		T data	
T expansion		D map	
F trace		D skip	
F kepttogether		D snapmethods	
F registertogether		F definesnapmethod	
T solutions		B fixed	
T splitters		F flushcontributions	
F define		F forcepageflush	
F optimize		F forcestrutdepth	
T registered		F getnofpreviouslines	
F reset		F inject	
F set		F injectdisable	
F split		F injectnowhite	

F injectpenalty
F injectskip
F interceptsamepagecontent
F pagehandler
F pageoverflow
F popatsame
F pushatsame

F setmap
F setskip
F snapbox
F synchronizepage
F tocategories
F tocategory
F vboxhandler

byte**map** (context)

bounds	function
clip	function
copy	function
dimensions	function
domain	function
downgrade	function
downsample	function
getbyte	function
getbytes	function
getValue	function
hasbytegray	function
hasbyterange	function
hasbytergb	function

new	function
newdomain	function
process	function
reduce	function
reset	function
setgray	function
setgrayadd	function
setgraymin	function
setrgb	function
slicegray	function
slicerange	function
slicergb	function

cache (context)

base	string	loadcontent	function
collapsecontent	function	loaddata	function
configfiles	function	more	string
contentstate	function	savecontent	function
defaults	table	savedata	function
getfirstreadablefile	function	setfirstwritablefile	function
getreadablepaths	function	setluaname	function
getwritablepath	function	treehash	function
hashed	function	usedpaths	function
is_writable	function		

callback (basic tex)

find	function	list	function
getindex	function	names	function
getoptions	function	register	overloaded function
getoptionvalues	function	setoptions	function
getstate	function	setstate	function
getstatevalues	function	testonly	function
known	function	usage	function

callbacks (context)

freeze	function	N linebreak
functions	table	N linebreak_check
F start_page_number		N linebreak_quality
F stop_page_number		N local_box
getcomment	function	N make_extensible
getstates	function	N math_rule
known	function	N missing_character
list	table	N mlist_to_hlist
N alignment		N open_data_file
N append_adjust		N packed_vbox
N append_line		N page_boundary
N append_migrate		N paragraph_context
N append_to_vlist		N paragraph_pass
N balance_boundary		N post_linebreak
N balance_check		N pre_dump
N balance_insert		N pre_linebreak
N begin_paragraph		N pre_output
N buildpage		N process_character
N define_font		N process_jobname
N delayed_glue		N quality_font
N find_format_file		N register_extensible
N find_log_file		N show_build
N get_attribute		N show_error_message
N get_math_dictionary		N show_loners
N get_noad_class		N show_lua_call
N glyph_run		N show_vsplitt
N handle_overload		N show_warning_message
N handle_uinsert		N show_whatshit
N handle_uleader		N start_file
N hpack		N start_run
N hpack_quality		N stop_file
N hyphenate		N stop_run
N insert_boundary		N tail_append
N insert_check_split		N test_only
N insert_distance		N trace_memory
N insert_par		N vpack
N intercept_lua_error		N vpack_quality
N intercept_tex_error		N wrapup_run
N italic_correction		names table
N kerning		optimizer function
N ligaturing		optionbits table

optioncodes table

N direct

N trace

pop function

push function

register function

report function

statebits table

statecodes table

N disabled

N frozen

N fundamental

N private

N selective

N set

N touched

N tracing

catcodes (context)

names data table
numbers data table

register function

characters (context)

addcharacternames	function	T after_postscript
adobename	function	T after_subscript
bidirectional	data table	T anudatta
blockrange	function	T before_half
blocks	data table	T before_main
can_have_space	data table	T before_postscript
casemap	table	T before_subscript
categories	data table	T below_mark
category	function	T consonant
categorytags	data table	T dependent_vowel
classifiers	table	T halant
collapsed	data table	T independent_vowel
combined	data table	T nukta
contextname	function	T post_mark
csletters	data table	T pre_mark
data	data table	T ra
decomposed	data table	T stress_tone_mark
description	function	T twopart_mark
descriptions	data table	T vowel_modifier
detailtags	data table	initialize function
directions	table	is_character data table
emoji	table	is_command data table
F compact		is_hyphenator data table
F known		is_letter data table
F resolve		is_mark data table
emojized	function	is_nothing data table
encodes	data table	is_punctuation data table
entities	data table	is_spacing data table
fallbacks	data table	is_symbol data table
filters	data table	lcchars data table
fractions	table	lccode function
fromnumber	function	lccodes data table
fschars	data table	lettered function
fscodes	data table	lhash data table
getrange	function	linebreaks data table
graphemes	data table	lower function
hangul	data table	mathlists data table
indicgroups	table	mirrors table
T above_mark		otfscripts data table
T after_half		ranges data table
T after_main		registerentities function

remap_hangul_syllabe	function	tex	table
scripthash	table	D accentmapping	
setactivecatcodes	function	D commandmapping	
setlettercatcodes	function	F defineaccents	
setothercatcodes	function	F safechar	
shape	function	F strtextoutf	
shaped	function	F strtoutfpattern	
shash	data table	F toutf	
shchars	data table	F toutfpattern	
shcodes	data table	textclasses	table
showstring	function	tonumber	function
specialchars	data table	ucchars	data table
specials	data table	uccode	function
splits	table	uccodes	data table
T char		uhash	data table
T compat		unicodechar	function
subscripts	table	upper	function
superscripts	table	verbosemarks	data table
synonyms	data table		

chemistry (context)

component	function	S line
define	function	S lrn
definitions	data table	S lrt
format	string	S mark
inlinechemical	function	S mir
instance	string	S mov
method	string	S move
molecule	function	S number
moleculeparser	userdata	S oe
start	function	S off
stop	function	S r
syntax	table	S rb
T alkyl		S rbd
S category		S rd
T keys		S rdb
S ad		S rdd
S adj		S rh
S arrow		S rm
S au		S rn
S b		S rot
S bb		S rrn
S bd		S rrt
S bw		S rt
S c		S rz
S cc		S sb
S ccd		S sd
S cd		S sr
S cz		S sub
S dash		S tb
S db		S z
S diff		S zln
S dir		S zlt
S dr		S zn
S ed		S zrn
S ep		S zrt
S es		S zt
S et		S keyword
S hb		N max
S label		T boat
S ldb		S category
S ldd		T keys

S adj	S rt
S arrow	S rz
S b	S sb
S bb	S sr
S c	S sub
S cc	S z
S ccd	S zln
S cd	S zlt
S dash	S zn
S diff	S zrn
S eb	S zrt
S label	S zt
S line	S keyword
S lr	N max
S lrb	T carbon
S lrbd	S category
S lrd	S keyword
S lrh	N max
S lrn	T chair
S lrt	S category
S lrz	S keyword
S lsr	N max
S lsub	T chem
S mark	N arguments
S mov	F direct
S move	T closecomplex
S number	S direct
S off	T eight
S r	S category
S rb	T keys
S rbd	S ad
S rd	S adj
S rh	S arrow
S rn	S au
S rr	S b
S rrb	S c
S rrbd	S cc
S rrd	S ccd
S rrh	S cd
S rrn	S crz
S rrt	S dash
S rrz	S db
S rsr	S diff
S rsub	S dr

S eb	S rz
S ed	S s
S er	S sb
S hb	S sr
S label	S ss
S line	S sub
S lr	S z
S lrb	S zln
S lrbd	S zlt
S lrd	S zn
S lrh	S zrn
S lrn	S zrt
S lrt	S zt
S lrz	S keyword
S lsr	N max
S lsub	T equals
S mark	S direct
S mid	T equilibrium
S mids	N arguments
S midz	F direct
S mir	T five
S mov	S category
S move	S keyword
S number	N max
S off	T fivefront
S r	S category
S rb	S keyword
S rbd	N max
S rd	T four
S rh	S category
S rm	S keyword
S rn	N max
S rot	T gives
S rr	N arguments
S rrb	F direct
S rrbd	T mesomeric
S rrd	N arguments
S rrh	F direct
S rrn	T minus
S rrt	S direct
S rrz	T mp
S rsr	N arguments
S rsub	F direct
S rt	T newmanclipsed

S category	S direct	
S keyword	T restore	
N max	S direct	
T newmanstagger	T save	
S category	S direct	
S keyword	T seven	
N max	S category	
T nine	S keyword	
S category	N max	
S keyword	T six	
N max	S category	
T one	S keyword	
S category	N max	
S keyword	T sixfront	
N max	S category	
T opencomplex	S keyword	
S direct	N max	
T pb	T space	
S direct	S direct	
T pe	T three	
S direct	S category	
T plus	S keyword	
S direct	N max	
T reset	undefine	function

containers (context)

cleanname function
content function
define function
is_usable function

is_valid function
read function
usecache boolean
write function

converters (context)

A	function	cn-a	function
A:es	function	cn-c	function
A:ru	function	cn-d	function
A:sl	function	convert	function
AK	function	decimals	function
Alphabetic	function	define	function
Alphabetic:es	function	gregorian_to_hebrew	function
Alphabetic:ru	function	gregorian_to_jalali	function
Alphabetic:sl	function	hebrewnumerals	function
Character	function	helpers	table
Characters	function	hexstringtonumber	function
I	function	i	function
KA	function	isleapyear	function
KR	function	jalali_to_gregorian	function
R	function	lchexnumber	function
RK	function	lchexnumbers	function
Romannumerals	function	leapyear	function
Russiannumerals	function	lower	function
Sloveniannumerals	function	max	function
Spanishnumerals	function	maxchrs	function
Word	function	nicenumber	function
Words	function	nofdays	function
a	function	number	function
a:es	function	numbers	function
a:ru	function	octnumber	function
a:sl	function	octstringtonumber	function
abjadnodotnumerals	function	ordinal	function
abjadnumerals	function	r	function
alphabetic	function	romannumerals	function
alphabetic:es	function	russiannumerals	function
alphabetic:ru	function	sequences	data table
alphabetic:sl	function	settime	function
character	function	sloveniannumerals	function
characters	function	spaceddigits	function
chineseallnumerals	function	spanishnumerals	function
chinesecapnumerals	function	textime	function
chinesedatenumerals	function	toabjad	function
chinesenumerals	function	tochinese	function
chr	function	tohebrew	function
chrs	function	toroman	function
cn	function	totime	function

uchexnumber
uchexnumbers
upper
verbose

D data

function
function
function
table

F translate

weekday
word
words

function
function
function

coroutine (basic lua)

close function
create function
isyieldable function
resume function

running function
status function
wrap function
yield function

ctxrunner (context)

load function
preparedfile function

prefiles data table
resolve function

debug (basic lua)

getinfo function
sethook function

traceback function

dir (context)

collectpattern function
current function
expandlink function
expandname function
found function
glob function
globdirs function

globfiles function
globpattern function
ls function
makedirs function
mkdirs function
pop function
push function

directives (context)

data	data table
default	function
disable	function
done	table
enable	function
list	function
name	string

register	function
report	function
reset	function
show	function
value	function
values	function

document (context)

arguments	data table	pdf_cleanup_procsets	function
files	table	pdf_identify_content	function
functions	table	pdf_serialize_content	function
getargument	function	pdf_strip_content	function
getfilename	function	pdf_strip_page	function
options	table	setargument	function
T commandline		setcommandline	function
D environments		setdefaultargument	function
D modes		setenvironments	function
D modules		setfilename	function
T ctxfile		setfilenames	function
D environments		setmodes	function
D modes		setmodules	function
D modules		variables	data table
pdf_cleanup_cidsets	function		

documentdata (context)

variable function

drivers (context)

applyanchor	function	F rule
applyorientation	function	F simplerule
convert	function	F specialrule
converters	table	F updatefontstate
F analyze		T whatsit
F engine		S name
F lmtx		T json
F resyncbox		T actions
enable	function	F cleanup
finalize	function	F convert
gethpos	function	F finalize
gethrpos	function	F initialize
getpos	function	F outputfilename
getrpos	function	F prepare
getvpos	function	F wrapup
helpers	table	T flushers
initialize	function	F character
install	function	F popleaderlevel
instances	table	F pushleaderlevel
T empty		F rule
T actions		F setstate
F convert		F simplerule
F prepare		F specialrule
T flushers		F updatefontstate
F popleaderlevel		T whatsit
F pushleaderlevel		S name
T whatsit		T lua
S name		T actions
T js		F cleanup
T actions		F convert
F cleanup		F finalize
F convert		F initialize
F finalize		F outputfilename
F initialize		F prepare
F outputfilename		F wrapup
F prepare		T flushers
F wrapup		F character
T flushers		F popleaderlevel
F character		F pushleaderlevel
F popleaderlevel		F rule
F pushleaderlevel		F simplerule

F specialrule	T actions	
F updatefontstate	F cleanup	
T whatsit	F convert	
S name	F finalize	
T mpo	F initialize	
T actions	F outputfilename	
F finalize	F prepare	
F initialize	F wrapup	
T flushers	T flushers	
F character	F character	
F popleaderlevel	F flushimage	
F pushleaderlevel	F fontchar	
F rule	F group	
F simplerule	F literal	
F specialrule	F popgroup	
T whatsit	F popleaderlevel	
S name	F poporientation	
T mps	F pushgroup	
T actions	F pushleaderlevel	
F cleanup	F pushorientation	
F convert	F restore	
F finalize	F rule	
F initialize	F save	
F outputfilename	F setmatrix	
F prepare	F setstate	
F wrapup	F simplerule	
T flushers	F space	
F character	F specialrule	
F popleaderlevel	F startclipping	
F pushleaderlevel	F startmatrix	
F rule	F startmirroring	
F simplerule	F startrotation	
F specialrule	F startscaling	
F updatefontstate	F stopclipping	
T whatsit	F stopmatrix	
S name	F stopmirroring	
T none	F stoprotation	
T actions	F stopscaling	
T flushers	F updatefontstate	
F popleaderlevel	T whatsit	
F pushleaderlevel	S name	
T whatsit	lmtxversion	number
S name	outputfilename	function
T pdf	report	function

effects (context)

getoctaveloops function
getoctavemethods function
getoctavestatus function
getoctavevariants function
newoctave function
octave function

octavebytemap function
perlinnoise function
simplexangle function
simplexdetail function
simplexnoise function
stepoctave function

environment (context)

argument	function	luafilechunk	function
arguments	data table	luatexengine	string
basicengines	data table	luatexfunctionality	number
currentrun	number	luatexverbose	string
definefilefallback	function	luatexversion	number
definefilesynonym	function	maxnofruns	number
engineflags	data table	oldhome	string
filename	string	originalarguments	data table
filenames	table	outputfilename	string
files	table	ownbin	string
filesynonyms	data table	ownmain	string
forcedruns	number	ownname	string
getargument	function	ownpath	string
globfiles	function	prerollrun	boolean
homedir	string	rawarguments	data table
initex	boolean	reconstructcommandline	function
initexmode	boolean	relativepath	function
initializearguments	function	setargument	function
initializefilenames	function	splitarguments	function
inputfilebarename	string	suffix	string
inputfilename	string	texfile	function
inputfilesuffix	string	texmfos	string
jobfilefullname	string	texos	string
jobfilename	string	texroot	string
jobfilesuffix	string	truefilename	function
kindofrun	number	uselua module	function
lmtxmode	number	usemodules	function
loadexamodes	function	validengines	data table
loadluafile	function	version	string
luafile	function		

experiments (context)

data	data table
default	function
disable	function
enable	function
list	function
name	string

register	function
report	function
reset	function
show	function
value	function
values	function

figures (context)

applyratio	function	F resetdata	
badname	function	F resetstore	
bases	data table	F scan	
bitmapimage	function	F serialize	
boxnumber	number	T sizes	
bytepalette	function	B art	
cachepaths	data table	B bleed	
check	function	B crop	
checkers	data table	B media	
conversions	data table	B none	
converters	data table	B trim	
current	function	F storedata	
defaultdepth	number	F totable	
defaultheight	number	T types	
defaultsearch	boolean	N jbig2	
defaultwidth	number	N jp2	
done	function	N jpg	
dummy	function	N none	
exists	data table	N pdf	
exists	function	N png	
formats	data table	N stream	
found	data table	F wrap	
get	function	include	function
getinfo	function	includers	data table
getpdfinfo	function	initialize	function
getrealpage	function	loaded	data table
guess	function	localpaths	data table
guessfromstring	function	magics	data table
hash	function	mergegoodies	function
identifiers	data table	nofmissing	number
identify	function	nofprocessed	number
images	table	order	data table
F check		palettes	table
F checksize		paths	data table
F copy		patterns	data table
F create		pop	function
F embed		preferquality	boolean
F embedfromstore		programs	data table
F fetchdata		push	function
T keys		qrcode	function
F print		registerpattern	function

registerresource	function	setconversion	function
registersuffix	function	setlookups	function
remappers	data table	setorder	function
resources	data table	setpaths	function
scale	function	suffixes	data table
set	function	used	data table

file (basic lua)

addsuffix	function	needsupdating	function
basename	function	pathpart	function
checksum	function	readdata	function
collapsepath	function	removesuffix	function
copy	function	replacesuffix	function
dirname	function	reslash	function
expandname	function	robustname	function
extname	function	savechecksum	function
is_qualified_path	function	savedata	function
is_readable	function	size	function
is_rootbased_path	function	splitbase	function
is_writable	function	splitname	function
isreadable	function	splitpath	function
iswritable	function	suffix	function
join	function	suffixes	function
joinpath	function	suffixesonly	function
loadchecksum	function	suffixonly	function
nameonly	function	syncmtimes	function
nametotable	function	withinbase	function
needs Updating	function		

fio (extra lua)

getposition	function	readinteger1le	function
read2dot14	function	readinteger2	function
readbytes	function	readinteger2le	function
readbytetable	function	readinteger3	function
readcardinal1	function	readinteger3le	function
readcardinal1le	function	readinteger4	function
readcardinal2	function	readinteger4le	function
readcardinal2le	function	readintegertable	function
readcardinal3	function	setposition	function
readcardinal3le	function	skipposition	function
readcardinal4	function	writecardinal1	function
readcardinal4le	function	writecardinal1le	function
readcardinaltable	function	writecardinal2	function
readcline	function	writecardinal2le	function
readcstring	function	writecardinal3	function
readfixed2	function	writecardinal3le	function
readfixed4	function	writecardinal4	function
readinteger1	function	writecardinal4le	function

floats (context)

analysemethod	function
checkedpagefloat	function
collect	function
consult	function
flush	function
getvariable	function
hasstacked	function

nofstacked	function
pop	function
push	function
resave	function
save	function
stacked	function

font (basic tex)

addcharacters	function	getmathspec	function
addquality	function	getparameterfields	function
current	function	gettextcharacterfields	function
define	function	id	function
getfont	function	max	function
getfontdimen	function	nextid	function
getfontfields	function	setfont	function
getfontspec	function	setfontdimen	function
getmathcharacterfields	function	xscaled	function
getmathindex	function	yscaled	function

fonts (context)

analyzers table

- D features
- D initializers
- D methods
- F setstate
- D states
- B useunicodemarks

callbacks table

- F compile
- F devirtualize

checkers table

- F getmissing
- D mapping
- F missing
- F placeholder

cid table

- F getmap
- F loadfile

collections table

- F checkenabled
- F clonevector
- F define
- T definitions
- F direct
- F found
- F prepare
- F process
- F register
- F registermain
- F report
- F reset
- T rscales
- T vectors

constructors table

- F addcharacters
- F addcoreunicodes
- F aftercopyingcharacters
- F applyfinalizers
- F applymanipulators
- F assignmathparameters
- F beforecopyingcharacters

- F beforepassingfonttotex

- D cache
- F calculatescale
- F checkedfeatures
- F checkedfilename
- F collectprocessors
- F currentfonthasfeature

- D designsizes
- F enhanceparameters

- T enhancers

- T afm

- F apply

- F patch

- T patches

- F register

- F report

- F register

- F report

- T otf

- F addfeature

- F apply

- F enhance

- F patch

- T patches

- F register

- F report

- F register

- F report

- T tfm

- F apply

- F patch

- T patches

- F register

- F report

- F register

- F report

- N factor

- T features

- D afm

- D otf

- D tfm

F finalize	S defaultbasealternate
F getfeatureaction	S defaultnodealternate
F getmathparameter	D features
F getprivate	F featuresinitializer
T handlers	F featuresprocessor
T afm	T fixers
B autoprefixed	F getactualtext
D cache	F getalternate
D features	F getgsub
F getkern	F getkern
T helpdata	F getmultiple
D bothkerned	F getstreamhash
D leftkerned	F getsubstitution
D ligatures	T handlers
D rightkerned	F ctx_camelcasing
D texligatures	F devanagari_remove_joiners
F load	F devanagari_reorder_matras
T readers	F devanagari_reorder_pre_base_reordering_consonants
F getinfo	F devanagari_reorder_reph
F loadfont	F gpos_context
F loadshapes	F gpos_contextchain
F setfeatures	F gpos_cursive
B syncspace	F gpos_mark2base
N version	F gpos_mark2ligature
T otf	F gpos_mark2mark
F addfeature	F gpos_pair
F basemodeinitializer	F gpos_single
D cache	F gsub_alternate
F collectlookups	F gsub_context
T coverup	F gsub_contextchain
T actions	F gsub_ligature
F alternate	F gsub_multiple
F chainposition	F gsub_reversecontextchain
F chainsubstitution	F gsub_single
F kern	F trigger_space_kerns
F ligature	T helpers
F multiple	F blockligatures
F pair	F pardirstate
F single	F txtfirststate
F substitution	F load
F register	F loadoutlinedata
S stepkey	F loadstreamdata
F dataset	F modeinitializer
F datasetpositionprocessor	D mpscache

D pdfcache	T gsubhandlers
F plugininitializer	F alternate
F pluginprocessor	F chainedcontext
T plugins	F context
T text	F extension
D pngcache	F ligature
B pngenabled	F multiple
T readers	F reversechainedcontextsingl
F addunicodetable	F single
F avar	F gvar
F cbdt	F head
F cblc	T helpers
F cff	F axistofactors
F cff2	F cleanname
T cffencoder	F getaxisscale
F checkhash	F getfactors
F cmap	F getscales
F colr	F gotodatatable
F compact	F normalizedaxis
F condense	T normalizedaxishash
F cpal	F readvariationdata
F dsig	F reportskippedtable
F ebdt	F setvariabledata
F eblc	F hhea
F ebsc	F hmtx
F expand	F hvar
F extend	F kern
F fvar	F loadfont
F gdef	F loadshapes
F getcomponents	F loca
F getinfo	F math
F glyf	F maxp
F gpos	F mvar
T gposhandlers	F name
F chainedcontext	F os/2
F context	F pack
F cursive	F parsecharstrings
F extension	F post
F marktobase	F potracetocff
F marktligature	F registerextender
F marktmark	F rehash
F pair	F sbix
F single	F stat
F gsub	T streamreader

F close	F writecardinal1
F getposition	F writecardinal1le
F getsize	F writecardinal2
F look	F writecardinal2le
F open	F writecardinal3
F read2dot14	F writecardinal3le
F readbyte	F writecardinal4
F readbytes	F writecardinal4le
F readbytetable	F writeinteger1
F readcardinal	F writeinteger1le
F readcardinal1	F writeinteger2
F readcardinal1le	F writeinteger2le
F readcardinal2	F writeinteger3
F readcardinal2le	F writeinteger3le
F readcardinal3	F writeinteger4
F readcardinal3le	F writeinteger4le
F readcardinal4	F writestring
F readcardinal4le	F stripredundant
F readcardinaltable	F svg
F readchar	N tableversion
F readcline	F unifymissing
F readcstring	F unpack
F readfixed2	F vhea
F readfixed4	F vmtx
F readinteger	F vorg
F readinteger1	F vvar
F readinteger1le	F woff2otf
F readinteger2	F registerpalette
F readinteger2le	F registerplugin
F readinteger3	F reorderlookups
F readinteger3le	F scriptandlanguage
F readinteger4	F setdynamics
F readinteger4le	F setfeatures
F readintegertable	T statistics
F readsignedbyte	D usedfeatures
F readstring	D svgcache
F readtag	B svgenabled
F setposition	T tables
F size	D baselines
F skip	D features
F skiplong	D featuretypes
F skipposition	D languages
F skipshort	D scripts
F writebyte	F texthandler

T vectors	F combine	
T arab	T combiner	
T gpos	D commands	
N curs	D helpers	
N kern	D math	
N mark	D predefined	
N mkmk	N version	
T gsub	D whatever	
N calt	F hashfeatures	
N ccmp	F hashinstance	
N cswh	T hashmethods	
N dlig	F normal	
N fina	F virtual	
N init	F initializefeatures	
N isol	D loadedfonts	
N liga	N noffontsloaded	
N medi	N nofsharedfonts	
N mset	N nofsharedhashes	
N rclt	N nofsharedvectors	
N rlig	N privateoffset	
N version	D privateslots	
T pfb	F readanddefine	
F filterencoding	F registerfeature	
F filtermetadata	F registerscriptset	
F loadvector	F resetfeature	
N version	B resolvevirtualtoo	
T tfm	F scale	
D cache	F scaled	
D features	F setfactor	
N maxnestingdepth	F setfeature	
N maxnestingsize	F setmathparameter	
T readers	F setname	
F loadpk	B sharefonts	
F loadtfm	F trytosharefont	
F loadtfmvf	N version	
F loadvf	current	function
F pktopdf	currentid	function
F potracetopdf	definers	table
F showpk	F addlookup	
F reencode	F analyze	
F setfeatures	F applypostprocessors	
N version	F checkedmode	
T vf	F checkedscript	
T combinations	S defaultlookup	

- F define
- F getspecification
- F internal
- F loadfont
- F makespecification
- T methods
 - F install
 - D variants
- F read
- F register
- F registered
- F registerfallbackfont
- F registersplit
- F resetnullfont
- F resolve
- T resolvers
 - F file
 - F name
 - F spec

definetypface function

dropins table

- F clone
- F getshape
- F getshapes
- F nextid
- F provide
- F registerglyph
- F registerglyphs
- F swap
- F swapone

effects table

encodings table

- T agl
 - D ctxcodes
 - D extras
 - D synonyms
 - D unicodes
- D cache
- F is_known
- D known
- F load
- F make_unicode_vector
- D math
- N version

- enhanceid** function
- expansions** data table
- formats** data table
- getalternate** function
- getindices** function
- getkern** function
- getmultiple** function
- getsubstitution** function
- getters** table

- T alternate

- F opentype

- T kern

- F opentype

- F type1

- F type3

- T multiple

- F opentype

- T substitution

- F opentype

goodies table

- D colorschemes

- T data

- T common-math.lfg

- S author

- S comment

- S copyright

- B initialized

- T mathematics

- T tweaks

- T presets

- F addmathkerns

- F braille

- F eulertocalligraphic

- F fallbacks

- F moderntocalligraphic

- F moveintegrals

- F moveitalics

- F pagellaradical

- F rsfstoscript

- F rsfsuprighttoscript

- F scripttocalligraphic

- F smallldigits

- F wipeanchors

- F wipeitalics

F xitsarabic	D filenames	
S name	F getcompositions	
S version	T list	
T dejavu-math	F load	
S author	F prepare_features	
S comment	F register	
S copyright	F registerpostprocessor	
B initialized	F report	
T mathematics	T suffixes	
T alternates	handlers	table
T dotless	hashes	table
S comment	D characters	
S feature	D classes	
N value	D csnames	
T bigslots	D descriptions	
T parameters	D dynamics	
N AccentBaseDepth	D emwidths	
N AccentTopShiftUp	D exheights	
N DelimiterDisplayPercent	D features	
N DelimiterDisplayShortfall	D identifiers	
N DelimiterPercent	D italics	
N DelimiterShortfall	D lastmathids	
N DisplayOperatorMinHeight	D marks	
N FlattenedAccentTopShiftUp	D mathparameters	
N FractionRuleThickness	D modes	
S PrimeBaselineDropMax	D originals	
S PrimeShiftUp	D parameters	
S PrimeShiftUpCramped	T processes	
N SubscriptShiftDown	D properties	
S SubscriptShiftDownWithSuperscript	D quads	
N SuperscriptShiftUp	D resources	
T tweaks	T setdynamics	
T aftercopying	T shapes	
S name	D spaces	
S version	D spacings	
T dejavu-text	T streams	
S author	D unicodes	
S comment	D unislots	
S copyright	D variants	
T extensions	D xheights	
B initialized	helpers	table
S name	F addextraprivate	
S version	F addprivate	
D designsizes	F appendcommands	

F appendcommandtable	F startcolor	
F checkflags	F stopcolor	
F checkmerge	T vfspecials	
F checksteps	T backgrounds	
F collectanchors	T outlines	
F combineglyphs	infofont	function
D commands	iterators	table
F composecharacters	F characters	
F descriptiontoslot	F descriptions	
F dimenfactor	F glyphs	
F expandglyph	loggers	table
D extraprivates	F format	
F fontpatternhassize	F onetimemessage	
F getcoloredglyphs	F register	
F getdigitwidth	F reportdefinedfonts	
F getinstancespec	F reportusedfeatures	
F getparameters	mappings	table
F getprivatecharornode	F addtounicode	
F getprivatenode	F fromunicode16	
F getprivates	F getentry	
F getprivateslot	F loadfile	
F glyphdimenfactor	F loadline	
F hasprivate	F makenameparser	
F indextoslot	D overloads	
F isprivate	F reset	
F mathscriptslots	F tounicode	
F name	F tounicode16	
F nametoslot	F tounicode16sequence	
F newprivateslot	metapost	table
F prependcommands	F baseline	
F prependcommandtable	F boundingbox	
F privateslot	F boxtomp	
F registerglyphbox	F boxtompdimensions	
F scalecommands	F boxtomposition	
F setboxdirectly	F draw	
F setboxglyph	F fill	
F setboxglyphs	F glyph	
F setdigitwidth	F maxbounds	
F setmetaglyph	F paths	
F setmetaglyphs	F widthline	
D sharedprivates	F zeroline	
F splitfontpattern	mode	function
F tochar	names	data table
T vfinjectors	nulldata	data table

privateoffsets	table	F registerfallback
B keepnames		F registerfiles
N mathbase		F registerfontalternative
N mathextrabase		F registerfontfamily
N textbase		F textfallback
N textextrabase		F typeface
protrusions	data table	F typescript
readers	table	F userdata
F afm		specifiers
F check_lua		table
F check_tfm		D contextmerged
F lua		F contextnumber
F ofm		D contextnumbers
F opentype		D contextsetups
F otf		F contexttostring
F pfb		F definecontext
D sequence		F mergecontext
F tfm		F presetcontext
F ttc		F registercontext
F ttf		T scriptsets
F woff		T af
registersanitizer	function	S language
reserveid	function	N number
select	table	S script
D alternatives		T always
F bodyfont		S autolanguage
D data		S autoscript
F default		B checkmissing
D defaults		B compoundhyphen
F definefallbackfamily		B curs
F definefontfamily		B kern
F definefontfamilypreset		B mark
D extras		B mkmk
F fallback		S mode
D fallbacks		N number
F features		S script
F filefallback		S textcontrol
F fontdata		B wipemath
F fontfallback		T arabic
F fontsynonym		B analyze
F goodies		S autolanguage
F mathfallback		S autoscript
D methods		B calt
D presets		B ccmp
		B clig

B curs	B pstf
B dlig	B psts
B fina	B rphf
B init	S script
B isol	B vatu
B kern	T bengali-two
S language	B abvm
B liga	B abvs
B mark	B akhn
B medi	B blwf
B mkmk	B blwm
S mode	B blws
N number	B calt
B rlig	B cjct
S script	B dist
T ba	B half
S language	B haln
N number	S indic
S script	B init
T bandw:overlay	B kern
B ccmp	S language
B dist	B locl
N number	S mode
T bengali-one	B nukt
B abvm	N number
B abvs	B pres
B akhn	B pstf
B blwf	B psts
B blwm	B rphf
B blws	S script
B calt	B vatu
B cjct	T boldened
B dist	S effect
B half	N number
B haln	T boldened-10
S indic	S effect
B init	N number
B kern	T boldened-15
S language	S effect
B locl	N number
S mode	T boldened-20
B nukt	S effect
N number	N number
B pres	T boldened-25

S effect	B liga
N number	B mark
T boldened-30	B mkmk
S effect	S mode
N number	N number
T ca	S script
S language	S textcontrol
N number	B wipemath
S script	T cy
T camelcasing	S language
B camelcasing	N number
N number	S script
T cn	T cz
S language	S language
N number	N number
S script	S script
T color	T de
B ccmp	S language
S color	N number
B dist	S script
N number	T default
T color:bitmap	S autolanguage
B ccmp	S autoscript
B dist	B checkmissing
N number	B compoundhyphen
B sbix	B curs
T color:overlay	B itlc
B ccmp	B kern
B colr	B liga
B dist	B mark
N number	B mkmk
T color:svg	S mode
B ccmp	N number
B dist	S script
N number	S textcontrol
B svg	B wipemath
T complete	T deo
S autolanguage	S language
S autoscript	N number
B checkmissing	S script
B compose	T devanagari-one
B compoundhyphen	B abvm
B curs	B abvs
B kern	B akhn

B blwf	S script
B blwm	B vatu
B blws	T dingbats
B calt	S goodies
B cjct	S mode
B dist	N number
B half	B unicoding
B haln	T es
S indic	S language
B kern	N number
S language	S script
B locl	T et
S mode	S language
B nukt	N number
N number	S script
B pres	T f:fractions
B psts	B frac
B rkrf	N number
B rphf	T f:inferiors
S script	N number
B vatu	B subs
T devanagari-two	T f:kern
B abvm	B kern
B abvs	N number
B akhn	T f:kerns
B blwf	B kern
B blwm	N number
B blws	T f:oldstyle
B calt	N number
B cjct	B onum
B dist	T f:smallcaps
B half	N number
B haln	B smcp
S indic	T f:superiors
B kern	N number
S language	B sups
B locl	T f:tabular
S mode	N number
B nukt	B tnum
N number	T fi
B pres	S language
B psts	N number
B rkrf	S script
B rphf	T followtext

B liga	B akhn
N number	B blwf
T fr	B blwm
S language	B blws
N number	B calt
S script	B cjct
T fullprotrusion	B dist
N number	B half
S protrusion	B haln
T gr	S indic
S language	B kern
N number	S language
S script	B locl
T grek	S mode
N number	B nukt
S script	N number
T gujarati-one	B pres
B abvm	B psts
B abvs	B rkrf
B akhn	B rphf
B blwf	S script
B blwm	B vatu
B blws	T gurmukhi-one
B calt	B abvm
B cjct	B abvs
B dist	B akhn
B half	B blwf
B haln	B blwm
S indic	B blws
B kern	B calt
S language	B cjct
B locl	B dist
S mode	B half
B nukt	B haln
N number	S indic
B pres	B kern
B psts	S language
B rkrf	B locl
B rphf	S mode
S script	B nukt
B vatu	N number
T gujarati-two	B pres
B abvm	B pstf
B abvs	B psts

B rphf	B medi
S script	B mkmk
B vatu	S mode
T gurmukhi-two	N number
B abvm	B reordercombining
B abvs	B rlig
B akhn	S script
B blwf	T hr
B blwm	S language
B blws	N number
B calt	S script
B cjct	T hu
B dist	S language
B half	N number
B haln	S script
S indic	T indic-common
B kern	B abvm
S language	B abvs
B locl	B akhn
S mode	B blwm
B nukt	B blws
N number	B calt
B pres	B dist
B pstf	B haln
B psts	S indic
B rphf	B kern
S script	S language
B vatu	B locl
T hebrew	S mode
B analyze	B nukt
S autolanguage	N number
S autoscript	B pres
B calt	B psts
B ccmp	B rphf
B clig	T inlinenumbers
B curs	N number
B dlig	B pnun
B fina	B tnum
B init	T is
B isol	S language
B kern	N number
S language	S script
B liga	T it
B mark	S language

N number	B blwf
S script	B blwm
T ja	B blws
S language	B calt
N number	B cjct
S script	B dist
T jamoforms	B half
B ljmo	B haln
N number	S indic
B tjmo	B kern
B vjmo	S language
T just-os	B locl
S mode	S mode
N number	B nukt
B onum	N number
T kannada-one	B pref
B abvm	B pres
B abvs	B pstf
B akhn	B psts
B blwf	B rphf
B blwm	S script
B blws	T la
B calt	S language
B cjct	N number
B dist	S script
B half	T latn
B haln	N number
S indic	S script
B kern	T letterspacing
S language	B ccmp
B locl	B clig
S mode	B dlig
B nukt	S keepligatures
N number	B liga
B pref	N number
B pres	B rlig
B pstf	T ligatures
B psts	S autolanguage
B rphf	S autoscript
S script	B checkmissing
T kannada-two	B compoundhyphen
B abvm	B curs
B abvs	B kern
B akhn	B liga

B mark	B blws
B mkmk	B calt
S mode	B cjct
N number	B dist
S script	B half
S textcontrol	B haln
B wipemath	S indic
T lm-math-bold	B kern
S effect	S language
N number	B locl
T lowercasing	S mode
B lowercasing	B nukt
N number	N number
T malayalam-one	B pref
B abvm	B pres
B abvs	B pstf
B akhn	B psts
B blwf	B rphf
B blwm	S script
B blws	T math
B calt	B compactmath
B cjct	B flattenaccents
B dist	B kern
B half	S language
B haln	B mathalternates
S indic	S mathexpansion
B kern	S mode
S language	N number
B locl	S script
S mode	B ssty
B nukt	B wipemath
N number	T math-script
B pref	B compactmath
B pres	B flattenaccents
B pstf	B kern
B psts	S language
B rphf	B mathalternates
S script	S mathexpansion
T malayalam-two	S mode
B abvm	N number
B abvs	S script
B akhn	N ssty
B blwf	B wipemath
B blwm	T math-scriptscript

B compactmath	B isol
B flattenaccents	B itlc
B kern	B kern
S language	B liga
B mathalternates	B mark
S mathexpansion	B medi
S mode	B mkmk
N number	S mode
S script	B mset
N ssty	N number
B wipemath	B rclt
T math-text	B rlig
B compactmath	S script
B flattenaccents	S textcontrol
B kern	B wipemath
S language	T nl
B mathalternates	S language
S mathexpansion	N number
S mode	S script
N number	T none
S script	B features
B ssty	S mode
B wipemath	N number
T mathematics	T oldstyle
B compactmath	S autolanguage
B flattenaccents	S autoscript
B kern	B checkmissing
S language	B compoundhyphen
B mathalternates	B curs
S mathexpansion	B kern
S mode	B liga
N number	B mark
S script	B mkmk
B wipemath	S mode
T mixed	N number
T mongolian	B onum
S autolanguage	S script
S autoscript	S textcontrol
B calt	B wipemath
B checkmissing	T oldstylenumbers
B compoundhyphen	N number
B curs	B onum
B fina	T original
B init	S autolanguage

S autoscript
B checkmissing
B compoundhyphen
B curs
B itlc
B kern
B liga
B mark
B mkmk
S mode
N number
S script
S textcontrol
B wipemath
T oriya-one
B abvm
B abvs
B akhn
B blwf
B blwm
B blws
B calt
B cjct
B dist
B haln
S indic
B kern
S language
B locl
S mode
B nukt
N number
B pres
B pstf
B psts
B rphf
S script
T oriya-two
B abvm
B abvs
B akhn
B blwf
B blwm
B blws

B calt
B cjct
B dist
B haln
S indic
B kern
S language
B locl
S mode
B nukt
N number
B pres
B pstf
B psts
B rphf
S script
T pl
S language
N number
S script
T primes
N number
B primes
T pt
S language
N number
S script
T quality
S expansion
N number
S protrusion
T recommended
S autolanguage
S autoscript
B calt
B checkmissing
B clig
B compoundhyphen
B curs
B itlc
B kern
B liga
B mark
B mkmk

S mode	B curs
N number	B fina
B rlig	B init
S script	B isol
S textcontrol	B kern
B wipemath	S language
T reordercombining	B mark
N number	B medi
B reordercombining	B mkmk
T ro	S mode
S language	N number
N number	B rlig
S script	T simplearabic
T ru	B analyze
S language	S autolanguage
N number	S autoscript
S script	B calt
T semitic-complete	B ccmp
B analyze	B curs
S autolanguage	B fina
S autoscript	B init
B calt	B isol
B ccmp	B kern
B clig	S language
B curs	B mark
B dlig	B medi
B fina	B mkmk
B init	S mode
B isol	N number
B kern	B rlig
S language	S script
B liga	T simplehebrew
B mark	B analyze
B medi	S autolanguage
B mkmk	S autoscript
S mode	B calt
N number	B ccmp
B rlig	B curs
T semitic-simple	B fina
B analyze	B init
S autolanguage	B isol
S autoscript	B kern
B calt	S language
B ccmp	B mark

B medi	B dlig
B mkmk	B fin2
S mode	B fin3
N number	B fina
B rlig	B init
S script	B isol
T sk	B kern
S language	S language
N number	B liga
S script	B mark
T sl	B med2
S language	B medi
N number	B mkmk
S script	S mode
T slanted	N number
N number	B rlig
N slant	S script
T smallcaps	T system:tabnum
S autolanguage	B lnum
S autoscript	N number
B checkmissing	B tnum
B compoundhyphen	T tabledigits
B curs	N number
B kern	B tabledigits
B mark	B tnum
B mkmk	T tabulardigits
S mode	N number
N number	B pnum
S script	B tnum
B smcp	T tamil-one
S textcontrol	B abvm
B wipemath	B abvs
T sv	B akhn
S language	B blwm
N number	B blws
S script	B calt
T syriac	B dist
B analyze	B half
S autolanguage	B haln
S autoscript	S indic
B calt	B kern
B ccmp	S language
B clig	B locl
B curs	S mode

B nukt	B locl
N number	S mode
B pref	B nukt
B pres	N number
B psts	B pref
B rphf	B pres
S script	B pstf
T tamil-two	B psts
B abvm	B rphf
B abvs	S script
B akhn	T telugu-two
B blwm	B abvm
B blws	B abvs
B calt	B akhn
B dist	B blwf
B half	B blwm
B haln	B blws
S indic	B calt
B kern	B cjct
S language	B dist
B locl	B half
S mode	B haln
B nukt	S indic
N number	B kern
B pref	S language
B pres	B locl
B psts	S mode
B rphf	B nukt
S script	N number
T telugu-one	B pref
B abvm	B pres
B abvs	B pstf
B akhn	B psts
B blwf	B rphf
B blwm	S script
B blws	T th
B calt	S language
B cjct	N number
B dist	S script
B half	T tibetan
B haln	B abvm
S indic	B abvs
B kern	S autolanguage
S language	S autoscript

B blwm
 B blws
 B calt
 B ccmp
 B checkmissing
 B compoundhyphen
 B curs
 B kern
 S language
 B liga
 B locl
 B mark
 B mkmk
 S mode
 N number
 S script
 S textcontrol
 B wipemath
 T tr
 S language
 N number
 S script
 T uk
 S language
 N number
 S script
 T uppercasing
 N number
 B uppercasing
 T us
 S language
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 T virtualmath
 B compactmath
 B flattenaccents

B kern
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 B mathalternates
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 B zero
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LUAMAJORVERSION	number	B couple
LUAMINORVERSION	number	F currentmodel
LUATEXENGINE	string	F currentnamedmodel
LUATEXFORMATID	number	D data
LUATEXFUNCTIONALITY	number	N default
LUATEXVERBOSE	string	F defineintermediatecolor
LUATEXVERSION	number	F definemultitonecolor
LUAVERSION	number	F defineprocesscolor
MP	function	F defineprocesscolordirect
SAVEDREQUIRE	function	F definesimplegray
aes	table	F definespotcolor
F decode		F definetransparency
F encode		F enable
F random		F filter
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T alternates		F formatcolor
N attribute		F formatgray
D data		F formatluminance
F enable		F formatluminanceratio
F handler		F getpagecolormodel
F register		F gray
D registered		F graytohsv
D values		F handler
F applyoverloads		F hsvtorgb
F checkvalues		F hsvtorgb
T colorintents		F hwbtorgb
N attribute		F iccprofile
D data		F isblack
F enable		F labtolch
F handler		F labtorgb
F register		F labtoxyz
D registered		F lchtoab
T colors		F lchtorgb
N attribute		N main
F cmyk		S model
F cmyktorgb		D models
F cmyktorgb		F mpcolor

F mnamedcolor	F register
F mpoptions	D registered
F namedcolorattributes	D values
N none	F getvalue
F popset	F getvalues
F processcolorcomponents	T handlers
F pushset	F hasvalues
F register	D list
D registered	F markasoverload
F registerspotcolor	D names
F rgb	T negatives
F rgbbytes	N attribute
F rgbtocmyk	D data
F rgbtograd	F enable
F rgbtohsv	F handler
F rgbtoxyz	F register
N selector	D registered
F setlist	F set
F setmodel	D numbers
F setpagecolormodel	F ofnode
D sets	F private
F spec	F public
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B supported	F showcurrent
F toattributes	T states
F transparencycomponents	F disabletriggering
B triggering	F enabletriggering
F usecolors	F finalize
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F value	F process
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F xyztorgb	F stacker
D counts	F system
F define	F tooverloads
T effects	T transparencies
N attribute	N attribute
D data	D data
F enable	F enable
F handler	F forcesupport

F handler	F getcallbackstate	
N none	T included	
F register	B context	
D registered	B date	
B supported	B id	
F toattribute	B metadata	
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F value	F initialize	
D values	F latelua	
N unsetvalue	T nodeinjections	
D values	F nothing	
T viewerlayers	F openout	
N attribute	T registered	
F cleanup	T registrations	
D data	F setencryption	
F define	T tables	
F definedlayoutcomponent	F writeout	
F enable	basexx	table
F forcesupport	F decode16	
F handler	F decode64	
B hasorder	F decode85	
D listwise	F decodeLZW	
F register	F decodeRL	
D registered	F encode16	
F resolve_begin	F encode64	
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D scopes	bibtex	table
F setfeatures	bit32	table
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F start	F band	
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D values	F btest	
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F closeout	F extract	
T codeinjections	F lrotate	
F registerboxresource	F lshift	
F registerfont	F replace	
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D tables	F append	

F dimensions		F checksidefloat
F dispose		T hpack
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F strdp		F show
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F strwd		F hyphenating
F tohpack		F kerning
F tonodes		F ligaturing
F tovpack		F mliststohlist
F write		T paragraphs
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F tocontext		F registertogether
F tonumber		F tag
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F append		D passnames
F assign		T profiling
F collectcontent		F add
F empty		F addrivers
F erase		F boxlinehandler
F exists		F distance
F get		F fixedprofile
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F getcxtlua		F getrivers
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F loadcontent		F profilebox
T parallel		F profilelines
F define		F set
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F place		T vpack
F reset		F qualityactions
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N append_migrate	N post_linebreak
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N get_attribute	N show_lua_call
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F compact		F shaped
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F resolve		D shchars
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F strttextoutf	F MPr
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T textclasses	F MPur
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F inlinechemical	F addbtxentry
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S method	F adddefaultsuffix
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U moleculeparser	F addfontpath
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F applypattern	F boxlinedp
F applytobox	F boxlineht
F applytofirstcharacter	F boxlineil
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F arrayequals	F boxlineir
F arraymaxvalue	F boxlineih
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F arraysize	F boxlines
F arrayvalue	F boxlinemaxdp
F ascender	F boxlinemaxht
F askedreference	F boxlinemaxwd
F assignbuffer	F boxlinend
F async	F boxlinenh
F attachinsertion	F boxlinew
F attachinsertions	F boxlinerh
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F autostarttext	F boxrangewd
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F balanceshapeextra	F bposcolumnregistered
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F bitwisenil	F btxcmdstring
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F bitwiseor	F btxcurrentfirstnames
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F btxdoifelseuservariable	F checkcolumnsetmvl
F btxdoifnot	F checkcountersetup
F btxentrytobuffer	F checkedconversion
F btxentrytostring	F checkedemoji
F btxexpandedjournal	F checkedpagefloat
F btxfetchlistentries	F checkinjector
F btxfield	F checkinterfacechain
F btxfirstofrange	F checkmarkedpages
F btxflush	F checknesting
F btxflushlistcombi	F checkspacingavailable
F btxflushlistentry	F checkstrutdepth
F btxflushlisttag	F chemicalcomponent
F btxflushmarked	F chinesenumerals
F btxflushpages	F chr
F btxhandlecite	F classoptioncodestring
F btxhandlenocite	F cleancolumnset
F btxlastofrange	F cleanfontname
F btxlistvariant	F cleanupattributes
F btxloaddefinitionfile	F cleanupbox
F btxloadjournallist	F cleanuplayers
F btxloadreplacementfile	F clonefield
F btxmissing	F closein
F btxoneorrange	F closeout
F btxpreparelistentries	F codedef
F btxremapauthor	F collectedmath
F btxsavedataset	F collectfloat
F btxsavejournallist	F collecthelp
F btxsetdataset	F columnsetbalancefirst
F btxsetentry	F columnsetbalancelast
F btxsetregister	F columnsetbalancepage
F btxsetspecification	F columnsetcolumnwidth
F btxshortcut	F columnsetdisablewide
F btxshowauthorremapping	F columnsetenablewide
F btxsingularorplural	F columnsetgoto
F btxtoregister	F columnsethascontent
F btxusedataset	F columnsethspan
F btxuservariable	F columnsetlastfuture
F build_page_after_shipout	F columnsetlastmvl

F columnsetlimit	F currentdesignsize
F columnsetnoto	F currentenvironment
F columnsetresetdirect	F currentfontinstancespec
F columnsetresetshapeextra	F currentposthyphenchar
F columnsetreshape	F currentprehyphenchar
F columnsetsblockrows	F currentproduct
F columnsetsetshapeextra	F currentproject
F columnsetshape	F currentsectiontolist
F columnsetshapebalancecheck	F datasetsize
F columnsetshapebalanceextend	F datasetvariable
F columnsetshapecolumn	F day
F columnsetshapecount	F daynem
F columnsetshapeindex	F dayname
F columnsetshapepage	F decimals
F columnsetshapersetbalancerange	F decrementcounter
F columnsetshapslots	F decrementsubcounter
F columnsetshapspread	F deferredenhancelist
F columnsetshapevsize	F deferredenhancereference
F columnsetshapeworst	F deferredenhanceregister
F columnsetshowgrid	F defineaccents
F columnsetshowshape	F defineattribute
F columnsetshowtracedgrid	F defineboundary
F columnsetstate	F definebreakpoint
F columnsetstatus	F definebreakpoints
F combineglyphs	F definecharacterspacing
F component	F definechemical
F concatcommalist	F definecolumnset
F consultfloat	F defineconversion
F continueifinputfile	F definecounter
F convertbtxdatasettoxml	F definedlayoutcomponent
F converteddimen	F definefallbackfamily
F convertmpstopdf	F definefield
F copyboxfromcache	F definefieldset
F copyboxline	F definefilefallback
F copyposition	F definefilesynonym
F cos	F definefont_one
F cosd	F definefont_two
F ctxfunction	F definefontcolorpalette
F ctxluamatch	F definefontfamily
F ctxluamatchfile	F definefontfamilypreset
F ctxresetter	F definefontfeature
F ctxscanner	F definefontscriptset
F currentcomponent	F definefontsolution
F currentdate	F definehyphenationfeatures

F defineinsertion	F disablespellchecking
F defineintermediatecolor	F disablestatetriggering
F definelabcolorglobal	F disablestream
F definelabcolorlocal	F disabletrackers
F definelabels	F discardfromlist
F definelanguage	F discoptioncodestring
F definelinkedlist	F disposeboxesincache
F definemathpreset	F disposeluatable
F definemultitonecolorglobal	F doanalyzeframedbox
F definenamespace	F doif
F definenote	F doifcounter
F defineparallel	F doifelse
F defineparbuilder	F doifelseblack
F defineprocesscolordummy	F doifelseboxincache
F defineprocesscolorglobal	F doifelsebuffer
F defineprocesscolorlocal	F doifelsebufferempty
F defineprogram	F doifelsecharinfnt
F definereference	F doifelseconverter
F defineregister	F doifelsecounter
F definesectionlevels	F doifelsecurrentfontasfeature
F definespotcolorglobal	F doifelsesedimenstring
F definestructureblock	F doifelsesedrawingblack
F definestructureset	F doifelsefieldcategory
F definesubcolumnset	F doifelsefieldset
F definetransparency	F doifelsefiledefined
F definetransparencyglobal	F doifelsefileexist
F definetypeface	F doifelsefirstchar
F defineviewerlayer	F doifelsefirstsectionpage
F delayedcolumnsetsheet	F doifelsefontfeature
F depthnumber	F doifelsefontpresent
F depthofstring	F doifelseindented
F descender	F doifelseinelement
F detachinsertions	F doifelseinputfile
F diagnostic	F doifelseleapyear
F digits_normal	F doifselisthasentry
F digits_reverse	F doifselisthasnumber
F directboxfromcache	F doifselisthaspage
F disableautofontscript	F doifselisthasitle
F disablecollectingmath	F doifelsemarkedcontent
F disabledirectives	F doifelsemarkedpage
F disableexperiments	F doifelsemessage
F disablejobsave	F doifelsenoteonsamepage
F disableparbuilder	F doifelseobjectfound
F disableregime	F doifelseobjectreferencefound

F doifelseolderversion	F dosavepositionplus
F doifelseoverlapping	F dosavepositionwhd
F doifelseparallel	F dosetposition
F doifelseparentfile	F dosetpositionbox
F doifelsepathexist	F dosetpositionplus
F doifelsependingpagecontent	F dosetpositionstrut
F doifelseposition	F dosetpositionstrutkind
F doifelsepositiononpage	F dosetpositionwhd
F doifelsepositionsonsamepage	F dostarttextfile
F doifelsepositionsonthispage	F dostoptextfile
F doifelsepositionsused	F doublescriptmodecodestring
F doifelserangeonpage	F droptablegroup
F doifelsereference	F elapsedsteptime
F doifelsereferencechecked	F elapsedtime
F doifelsereferenced	F embedimagefromstore
F doifelserighttoleftinbox	F enablealignmentcharacter
F doifelsesame	F enablealignskips
F doifelsesomething	F enableasciimode
F doifelsespaces	F enableautofences
F doifelsestackedfloats	F enableautofontscript
F doifelsestructureblockempty	F enablebackgroundalign
F doifelsesynonymshown	F enablebackgroundboxes
F doifelsesynonymused	F enablecollectingmath
F doifelsetaggednoteonsamepage	F enablecolor
F doifelseurldefined	F enablecolorintents
F doifelseutfmathaccent	F enableclrf
F doifelseutfmathfiller	F enabledirectives
F doifelseutfmathlimp	F enabledriver
F doifelsevalidhashedfiles	F enableexperiments
F doifelsevisualizer	F enablefontcolorchemes
F doifmarkedpage	F enablehidecontent
F doifnot	F enablemathalignrelocate
F doifnotcounter	F enablematrixornaments
F doifnotecontent	F enablematrixrules
F doifnotsame	F enableparbuilder
F doifnotthing	F enableregime
F doifposition	F enablescriptunstacking
F doifsame	F enablesidefloatchecker
F doifsomething	F enablespellchecking
F doifunknownfontfeature	F enablestacking
F domainattribute	F enablestatetriggering
F doreshapeframedbox	F enablestream
F doresyncframedbox	F enableswapping
F dosaveposition	F enabletighten

F enabletrackers	F firstsubcountervalue
F enabletransparency	F flagcodestring
F enableutf	F flushcolumnsetareas
F enhancelinkedlist	F flushcolumnsetcolumn
F enhancelist	F flushfloat
F enhanceregister	F flushlabeledfloat
F enhancesynonym	F flushnoterange
F environment	F flushnotes
F eposcolumn	F flushpageblocks
F eposcolumnregistered	F flushpageinjectionsafter
F erasebuffer	F flushpageinjectionsbefore
F execute	F flushpostponedblocks
F exportbox	F flushpostponednotes
F exportformdata	F flushstream
F exportreferences	F flushstreamcopy
F expression	F fontchar
F extendregister	F fontcharbyindex
F extendregisterlate	F fontcollectionclone
F extensiblecode	F fontcollectiondefine
F fakeword	F fontcollectionprepare
F featureattribute	F fontcollectionregister
F feedback	F fontcollectionreport
F fetchlanguagetext	F fontcollectionreset
F fetchmultipar	F fontlookupgetkey
F fetchposboxes	F fontlookupgetkeyofindex
F fetchterminaldata	F fontlookupinitialize
F figure_flush_registered_pages	F fontlookupnofound
F figure_mergegoodies	F forceendjob
F figure_nof_registered_pages	F forcepageflush
F figure_register_page	F forcequitjob
F figuresetdimensions	F forcestrutdepth
F filebasename	F format
F filedirname	F formatcolor
F filenameonly	F formatgray
F filesuffix	F formatluminance
F filterdefaultreference	F formatluminanceratio
F filterreference	F formatone
F finalizeobjectbox	F framedoutline
F finalizeshipoutbox	F from
F findregisterinternal	F frozenparcodestring
F finishcolumnsetflush	F frule
F finishexport	F getMPdata
F firstinset	F getbidimode
F firstsectionpage	F getbodyfontsizes

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F getboxdpfromcache	F getobjectdimensions
F getboxfromcache	F getobjectreference
F getboxhtdpfromcache	F getobjectreferencepage
F getboxhtfromcache	F getparshape
F getboxwdfromcache	F getparwrapper
F getbuffer	F getprivatechar
F getbuffercontent	F getprivateglyphslot
F getbufferctxlua	F getprivatemathchar
F getbuffermkvi	F getprivateslot
F getbuffertext	F getprogram
F getcharactercasingcategory	F getrandomdimen
F getclubpenalties	F getrandomfloat
F getcurrentprefixspec	F getrandomnumber
F getcurrentreferenceLabel	F getrandomseed
F getcurrentreferencemetadata	F getreadfilename
F getdefaultfieldvalue	F getreferencesectionnumber
F getdisplaywidowpenalties	F getrivers
F getdocumentargument	F getsetupstring
F getdocumentfilename	F getshapeparameter
F getfieldcategory	F getsomefullstructurenumber
F getfile	F getsomestructurenumber
F getfirstcharacter	F getspecificstructuretitle
F getfloatvariable	F getstructurelevel
F getfromluatable	F getstructurenumber
F getfullstructurenumber	F getsubstring
F getinterlinepenalties	F getsynchronizemarking
F getinternalcachedlistreference	F geturl
F getinternallistreference	F getvisual
F getinternalorderreference	F getwidowpenalties
F getmathblobindex	F globalpopmacro
F getmathblobmapping	F globalpushmacro
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F getmathchartwo	F glyphoptioncodestring
F getmathmathblob	F gobblenestd
F getmathtextblob	F gotocolumnsetslot
F getmathvariant	F grabbuffer
F getmessage	F groupcodestring
F getmpextensions	F groupsetgroup
F getnaturaldimensions	F grph_nodes_initialize
F getnaturalwd	F grph_nodes_register
F getnofpreviouslines	F grph_nodes_reset
F getnotestate	F grph_nodes_resolve
F getnotestorecount	F handlemathhang

F hboxtovbox	F initializeexport
F heightofstring	F initializejob
F helpaction	F initializemathcollapsing
F helpreference	F initializemathfencing
F hour	F initializemathitalics
F hpackbox	F initializemathkernpairs
F hpackedbox	F initializemathnumbers
F hsplit	F initializemathspacing
F hyphenateddigits	F initializestream
F hyphenatedlist	F initializetexdirectives
F hyphenationcodestring	F initializetexexperiments
F ic	F initializetextrackers
F idxfromluatable	F injectcurrentreference
F if_common	F injectcurrentreferencehtdp
F ifallmodes	F injectdisable
F ifbitwiseand	F injectnowhite
F ifblobindexdone	F injectreference
F ifboxhaslist	F injectvpenalty
F ifcommon	F injectvskip
F ifeof	F injectvspacing
F ifgluelineinbox	F injectzerobaselineskip
F ifinset	F inlinechemical
F iflua	F inputfilebarename
F ifmode	F inputfilename
F ifmodes	F inputfilerealsuffix
F ifmvl	F inputfilesuffix
F ifpositunum	F insertattachment
F ifsetups	F insertcategorycodestring
F ifsystemmode	F insertcomment
F iftext	F insertfield
F ifxml	F insertionnumber
F ifxmlatt	F insertoptioncodestring
F ifxmlattempty	F insertrenderingwindow
F ifxmlempty	F inspectluatable
F ifxmlselfempty	F installedlanguages
F ifxmltext	F installtexdirective
F ignorefile	F installtexexperiment
F ignoretagsinexport	F installtextracker
F immediatemessage	F interceptsamepagecontent
F includesvgbuffer	F it
F includesvgfile	F jobfilefullname
F incrementcounter	F jobfilename
F incrementsubcounter	F jobfilesuffix
F inhibitprimitive	F jobposd

F jobposh	F listrawuserpage
F jobposp	F listsigncodestring
F jobposw	F listsize
F jobposx	F listtitle
F jobposy	F listuserdata
F languagecharwidth	F lmt_parameters_define
F languagenumber	F lmt_parameters_preset
F lastblobindex	F lmt_parameters_reset
F lastnodeequals	F loadcldfile
F lastnodeid	F loadcldfileonce
F lastnodeidstring	F loadexamodes
F lastnodesubtypestring	F loadfontgoodies
F lastparwrapper	F loadlibrary
F lastrpos	F loadluafile
F lastsavedboxresourceindex	F loadluafileonce
F lastsavedimageresourceindex	F loadluamodule
F lastsavedimageresourcepages	F loadmapfile
F lastsectionpage	F loadmapline
F lastsubcountervalue	F loadspellchecklist
F lastunitstring	F loadtexfile
F lastxpos	F loadtexfileonce
F lastypos	F loadtypescriptfile
F lateindent	F loadvisualizer
F latelua	F loadxmlfile
F lateundent	F loadxmlfileonce
F lchexnumber	F localanchorx
F lchexnumbers	F localanchory
F leapyear	F localboxindent
F limited	F localboxindex
F linebuffering	F localboxlefthang
F linedir	F localboxleftoffset
F lineprofilebox	F localboxleftskip
F linesegment	F localboxlinenumber
F listanchorcodestring	F localboxlinewidth
F listbookmark	F localboxlocalwidth
F listexternal	F localboxmarkonce
F listgroupindex	F localboxovershoot
F listlabel	F localboxparfillleftskip
F listlocation	F localboxparfillrightskip
F listnamespaces	F localboxparinitleftskip
F listprefixednumber	F localboxparinitrightskip
F listprefixedpage	F localboxprogress
F listrawnumber	F localboxrighthang
F listrawrealpage	F localboxrightoffset

F localboxrightskip	F metapostescaped
F localpopmacro	F metapostformatted
F localpushmacro	F metapostgraphformat
F locatefilepath	F minute
F loopcs	F mixcleanup
F loopcsn	F mixfinalize
F lousiness	F mixflushlist
F luacardinal	F mixflushrest
F luacount	F mixgetsplit
F luadimen	F mixsetsplit
F luaexpression	F mixstate
F luafloat	F modecodestring
F luainteger	F molecule
F luanumber	F month
F luarandom	F monthnmn
F luascript	F monthname
F luathread	F mpblobtext
F lxmlid	F mpcolor
F manipulated	F mpgetblob
F markblobindexdone	F mpgettext
F markcontent	F mpgraphic
F markedpageparameter	F mpgraphictexttoks
F markedpages	F mpoptions
F markingnumber	F mpoutlinetoks
F markingtitle	F mppopvariables
F markinjector	F mppushvariables
F markpage	F mprunset
F markregionbox	F mpruntab
F markregionboxcorrected	F mprunvar
F markregionboxtagged	F mpsetclippath
F markregionboxtaggedkind	F mpsetoutercolor
F markregionboxtaggedn	F mpsetsxsy
F markvisualfonts	F mpsettext
F mathclassvalue	F mptexget
F mathcontrolcodestring	F mptexreset
F mathhorizontalcode	F mptexset
F mathoptioncodestring	F mptexsetfrombuffer
F mathrenderset	F mptexttoks
F mathstrutcode	F mvloptioncodestring
F mathvariantcode	F namedstructureuservariable
F mathvariantcount	F namedstructurevariable
F mathvariantslot	F naturalwd
F maxbufferwidth	F negatedcolorcomponent
F message	F newarray

F newhashedtable	F overloaduppercase
F newindexedtable	F pageblockrealpage
F newluatable	F pageofinternal
F newparwrapper	F pageoverflow
F newrepeatablerandom	F pagestaterealpage
F newstacking	F pagestaterealpageorder
F nextparallel	F paragraphfillmodecodestring
F nextsubcountervalue	F paragraphoptioncodestring
F nodimen	F parcontextcodestring
F nofbufferlines	F pardir
F nofconversions	F parpasscallback
F nofdays	F parpassidentifier
F nofdetachedinsertions	F parpos
F noflinesinbox	F partriggercodestring
F nofmathvariants	F pdfbackendcurrentresources
F nofstackedfloats	F pdfbackendsetcatalog
F nologbuffering	F pdfbackendsetcolorspace
F normalizecodestring	F pdfbackendsetextgstate
F normalizedbodyfontsize	F pdfbackendsetinfo
F normalizeparcodestring	F pdfbackendsetname
F nospacesmodecodestring	F pdfbackendsetpageattribute
F notedeltapage	F pdfbackendsetpagesresource
F noteinternal	F pdfbackendsetpagesattribute
F notelistindex	F pdfbackendsetpattern
F noteprefixednumber	F pdfbackendsetshade
F notetitle	F pdfcolor
F ntb_split_section_check	F pdfextension
F ntb_split_section_fetch	F pdffeedback
F ntb_split_section_locate	F pdflastobj
F ntb_split_section_reset	F pdfliteral
F ntimes	F pdfobj
F number	F pdfrefobj
F numbers	F pdfsetuserdata
F objectreference	F pdfvariable
F objectreferencepage	F percentageof
F octnumber	F pfabs
F openin	F pfacos
F openout	F pfacosh
F operatingsystem	F pfasin
F ordinal	F pfasinh
F outputfilename	F pfatan
F overloadbookmark	F pfatanh
F overloadlowercase	F pfatantwo
F overloadsattribute	F pfceil

F pfcos	F presetcolumnsetspreadsheets
F pfcosh	F presetmathematics
F pfdeg	F presetmathfontalternate
F pfexp	F presetsymbolist
F pffloor	F previoussubcountervalue
F pflog	F privatecharacter
F pfmod	F privatecharactercode
F pfpow	F processbodyfontsizes
F pfrad	F processbuffer
F pfrem	F processcollectedmath
F pfround	F processedfile
F pfsin	F processedfiles
F pfsinh	F processfile
F pfsqrt	F processfilemany
F pftan	F processfilenone
F pftanh	F processfileonce
F pgfxcolorspec	F processjob
F pickupbuffer	F processlist
F pickupmarkedcontent	F processregister
F pickuppunctuation	F processsplit
F placeparallel	F processsynonyms
F popfloat	F product
F pophyphenation	F profilebox
F poplist	F profilemacro
F poplocalanchors	F project
F poplogfile	F pruneboxesincache
F popparapgraphtweak	F purefontname
F poppath	F pushfloat
F poprandomseed	F pushhyphenation
F popreferenceprefix	F pushlist
F popregime	F pushlocalanchors
F poprunstate	F pushlogfile
F popsectionblock	F pushparapgraphtweak
F positunum	F pushpath
F positunumdef	F pushrandomseed
F postlistbox	F pushreferenceprefix
F postlistcopy	F pushregime
F postponeotes	F pushrunstate
F prefixedconverted	F pushsectionblock
F prelistbox	F pushstream
F prelistcopy	F putboxincache
F preparecolumnsetflush	F putincolumnset
F prerolledpages	F putincolumnsetdirect
F presetcolumnsetsheets	F putnextboxincache

F qrcodebuffer	F registeritemgroup
F qrcodestring	F registerlabel
F rawMPdata	F registerlanguagefeatures
F rawcharacter	F registerlinenumbering
F rawsetupstring	F registermaintextcolor
F rawsubcountervalue	F registermpextensible
F read	F registernamedlua
F readfromterminal	F registernamespace
F readline	F registerobject
F readlinedirect	F registerpattern
F recolorbox	F registerpostponedblock
F referencecolumn	F registerreferencedobject
F referencepagedetail	F registerrendering
F referencepagestate	F registersection
F referenceposx	F registershownsynonym
F referenceposy	F registersnaprange
F referencerealpage	F registerstructureprocessor
F registeranchorbox	F registersynchronize
F registerattachment	F registersynonym
F registerbackendsymbol	F registertransliteration
F registerbackground	F registerunit
F registerbodyfontsize	F registerunitshortcut
F registerbookmark	F registerunknownbodysize
F registerboxglyph	F registerusedsynonym
F registerbuttons	F registeruserdata
F registercolorintent	F registerverbosemathlabel
F registercolumnsetarea	F removelastring
F registercolumnsetsheet	F renderingvar
F registercolumnsetspreadsheets	F reorderfloats
F registerengineclass	F replacefeature
F registerfallbackfont	F replacepospxywhd
F registerfiguremask	F replacewildcard
F registerfigurepattern	F reportstructure
F registerfigurerange	F resavefloat
F registerfiguresuffix	F reservedautoregiontag
F registerfilescheme	F resetMPinstance
F registerfontalternative	F resetalternate
F registerfontfamily	F resetbackgroundrowdata
F registerforcedbreak	F resetboxesincache
F registergroupset	F resetcharacteralign
F registerhashedfiles	F resetcolumnset
F registerhelp	F resetcomparingtext
F registerhyphenationexception	F resetcounter
F registerhyphenationpattern	F reseteffect

F resetfeature	F savecurrentvalue
F resetfontfeature	F savedlistnumber
F resetfontsolution	F savedlistprefixednumber
F resetforcedbreak	F savedlisttitle
F resetinjector	F savefloat
F resetlogfile	F saveimageresource
F resetmapfiles	F savemargindata
F resetmathattributes	F savenote
F resetnullfont	F savepagedata
F resetparallel	F savepageinjections
F resetpath	F saveparallel
F resetreference	F savepos
F resetscript	F savespecificfloat
F resetstructureprocessor	F savestructureblock
F resetsubcounter	F scangivendimensions
F resetsynchronizemarking	F scriptsmodecodestring
F resetsynonyms	F second
F resettimer	F selectstructureblock
F resettrackers	F set_extensible_data
F resolvedemoji	F setadaptive
F restartcounter	F setalternate
F restartsubcounter	F setautoprefix
F restorecounter	F setbackgroundrowdata
F restorecurrentattributes	F setboxglyph
F restorenote	F setboxline
F restoreobject	F setbreakpoints
F reuserandomseed	F setcharacteralign
F reversevboxcontent	F setcharacteraligndetail
F revivefeature	F setcharactercasing
F rightmathkern	F setcharactercleaning
F romannumerals	F setcharacterkerning
F rotateparshape	F setcharacterspacing
F rounded	F setcharacterstripping
F roundedfill	F setcloseddocumentaction
F roundedoutline	F setclosepageaction
F ruby	F setcolormodel
F ruleoptioncodestring	F setcolumnsetarea
F runcontextjob	F setcolumnsetlines
F safechar	F setcolumnsetmvl
F samplefile	F setcolumnsetpresent
F saveboxresource	F setcolumnsetproperties
F savebuffer	F setcolumnsetstart
F savecounter	F setcomparetext
F savecurrentattributes	F setcomparingtext

F setcounter	F setinternalreference
F setdataset	F setitaliccorrection
F setdestinationattribute	F setjavascriptpreamble
F setdigitsmanipulation	F setjobcomment
F setdirection	F setlanguageexceptions
F setdocumentargument	F setlanguageoptions
F setdocumentcommandline	F setlanguagepatterns
F setdocumentctxfile	F setlanguagesynonym
F setdocumentdefaultargument	F setlinefiller
F setdocumentenvironments	F setlineprofile
F setdocumentfilename	F setlocalalignanchor
F setdocumentfilenames	F setlocalmarkanchor
F setdocumentmodes	F setlocalsyncanchor
F setdocumentmodules	F setluatable
F seteffect	F setmathalphabet
F setelementbackendtag	F setmathattribute
F setelementnature	F setmathfontalternate
F setextrafontkerns	F setmathfontstyle
F setfieldcalculationset	F setmathsnapping
F setfigureconversion	F setmathvariant
F setfigurelookuporder	F setmetaglyph
F setfigurepaths	F setmpextensions
F setfirstline	F setnaturalwd
F setfontfeature	F setnegative
F setfontofid	F setnextinternalreferences
F setfontsolution	F setnextreferenceorder
F setformat	F setnotestate
F setformsmethod	F setopendocumentaction
F sethsizecolumnset	F setopenpageaction
F sethsizecolumnspan	F setowncounter
F sethyphenatedurlcharacters	F setownsubcounter
F sethyphenationfeatures	F setpagecolormodel
F sethyphenationmethod	F setpagestate
F setidentityvariable	F setpagestaterealpageno
F setinitial	F setpagetransition
F setinitialsectionblock	F setparagraphmetashape
F setinjector	F setparagraphshape
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F setinsertmigration	F setparwrapper
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F setinterfaceelement	F setperiodkerning
F setinterfacemessage	F setpostlistbox
F setinterfacemessages	F setprelistbox
F setinterfacevariable	F setprofile

F setrandomseed	F settagparagraph
F setrealign	F settagproperty
F setrealspaces	F settagpublication
F setreferencelinkmethod	F settagregister
F setregionbox	F settagsetreferencedescription
F setregionboxtagged	F settagsorting
F setregistermethod	F settagsubsentencesymbol
F setreplacements	F settagssynonym
F setruby	F settagtablecell
F setrule	F settagtabulatecell
F setscript	F settransliteration
F setsectionblock	F setupbookmarks
F setsectionentry	F setupcanvas
F setshadow	F setupcharacterspacing
F setshift	F setupcomparingtext
F setsofthyphens	F setupexport
F setsplitlisthtdp	F setupfontexpansion
F setstacking	F setupfontprotrusion
F setstructureblockstate	F setupinsertion
F setstructurelevel	F setuplinenumbers
F setstructurenumber	F setupsynctex
F setsubcounter	F setupusermetadata
F settagcodepoint	F setupviewerlayer
F settagcombination	F setvisual
F settagcombinationpair	F setvisualfont
F settagconstruct	F setvisualalllayer
F settagdelimitedsymbol	F setvisuals
F settagdescriptionindex	F setvsizecolumnset
F settagfigure	F setxmpfile
F settagfloat	F shiftmatrixornaments
F settagformulacontent	F shiftparshape
F settaggedmetadata	F shipoutpage
F settaggingcomment	F showarray
F settaggingoption	F showassignerror
F settaggingpresets	F showattributes
F settaghighlight	F showbits
F settagitem	F showboxinbuffer
F settagitemgroup	F showbtxdatasetauthors
F settaglist	F showbtxdatasetcompleteness
F settagmarginanchor	F showbtxdatasetfields
F settagmargintext	F showbtxentry
F settagmpgraphic	F showbtxfields
F settagnotation	F showbtxhashedauthors
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F readinteger1le
F readinteger2
F readinteger2le
F readinteger3
F readinteger3le
F readinteger4
F readinteger4le

F readintegertable
F setposition
F skipposition
F writecardinal1
F writecardinal1le
F writecardinal2
F writecardinal2le
F writecardinal3
F writecardinal3le
F writecardinal4
F writecardinal4le

floats table

F analysemethod
F checkedpagefloat
F collect
F consult
F flush
F getvariable
F hasstacked
F nofstacked
F pop
F push
F resave
F save
F stacked

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F addcharacters
F addquality
F current
F define
F getfont
F getfontdimen
F getfontfields
F getfontspec
F getmathcharacterfields
F getmathindex
F getmathspec
F getparameterfields
F gettextcharacterfields
F id
F max
F nextid
F setfont
F setfontdimen

F xscaled	F checkedfeatures
F yscaled	F checkedfilename
fonts	F collectprocessors
	F currentfonthasfeature
T analyzers	D designsizes
D features	F enhanceparameters
D initializers	N factor
D methods	F finalize
F setstate	F getfeatureaction
D states	F getmathparameter
B useunicodemarks	F getprivate
T callbacks	F hashfeatures
F compile	F hashinstance
F devirtualize	F initializefeatures
T checkers	D loadedfonts
F getmissing	N noffontsloaded
D mapping	N nofsharedfonts
F missing	N nofsharedhashes
F placeholder	N nofsharedvectors
T cid	N privateoffset
F getmap	D privateslots
F loadfile	F readanddefine
T collections	F registerfeature
F checkenabled	F registerscriptset
F clonevector	F resetfeature
F define	B resolvevirtualtoo
F direct	F scale
F found	F scaled
F prepare	F setfactor
F process	F setfeature
F register	F setmathparameter
F registermain	F setname
F report	B sharefonts
F reset	F trytosharefont
T constructors	N version
F addcharacters	F current
F addcoreunicodes	F currentid
F aftercopyingcharacters	T definers
F applyfinalizers	F addlookup
F applymanipulators	F analyze
F assignmathparameters	F applypostprocessors
F beforecopyingcharacters	F checkedmode
F beforepassingfonttotex	F checkedscript
D cache	S defaultlookup
F calculatyscale	

F define	D filenames
F getspecification	F getcompositions
F internal	F load
F loadfont	F prepare_features
F makespecification	F register
F read	F registerpostprocessor
F register	F report
F registered	T handlers
F registerfallbackfont	T hashes
F registersplit	D characters
F resetnullfont	D classes
F resolve	D csnames
F definetypeface	D descriptions
T dropins	D dynamics
F clone	D emwidths
F getshape	D exheights
F getshapes	D features
F nextid	D identifiers
F provide	D italics
F registerglyph	D lastmathids
F registerglyphs	D marks
F swap	D mathparameters
F swapone	D modes
T effects	D originals
T encodings	D parameters
D cache	D properties
F is_known	D quads
D known	D resources
F load	D spaces
F make_unicode_vector	D spacings
D math	D unicodes
N version	D unislots
F enhanceid	D variants
D expansions	D xheights
D formats	T helpers
F getalternate	F addextraprivate
F getindices	F addprivate
F getkern	F appendcommands
F getmultiple	F appendcommandtable
F getsubstitution	F checkflags
T getters	F checkmerge
T goodies	F checksteps
D colorschemes	F collectanchors
D designsizes	F combineglyphs

D commands	F onetimemessage
F composecharacters	F register
F descriptiontoslot	F reportdefinedfonts
F dimenfactor	F reportusedfeatures
F expandglyph	T mappings
D extraprivates	F addtounicode
F fontpatternhassize	F fromunicode16
F getcoloredglyphs	F getentry
F getdigitwidth	F loadfile
F getinstancespec	F loadline
F getparameters	F makenameparser
F getprivatecharornode	D overloads
F getprivatenode	F reset
F getprivates	F tounicode
F getprivateslot	F tounicode16
F glyphdimenfactor	F tounicode16sequence
F hasprivate	T metapost
F indextoslot	F baseline
F isprivate	F boundingbox
F mathscriptslots	F boxtomp
F name	F boxtompdimensions
F nametoslot	F boxtomposition
F newprivateslot	F draw
F prependcommands	F fill
F prependcommandtable	F glyph
F privateslot	F maxbounds
F registerglyphbox	F paths
F scalecommands	F widthline
F setboxdirectly	F zeroline
F setboxglyph	F mode
F setboxglyphs	D names
F setdigitwidth	D nulldata
F setmetaglyph	T privateoffsets
F setmetaglyphs	B keepnames
D sharedprivates	N mathbase
F splitfontpattern	N mathextrabase
F tochar	N textbase
F infofont	N textextrabase
T iterators	D protrusions
F characters	T readers
F descriptions	F afm
F glyphs	F check_lua
T loggers	F check_tfm
F format	F lua

F ofm	D contextsetups
F opentype	F contexttostring
F otf	F definecontext
F pfb	F mergecontext
D sequence	F presetcontext
F tfm	F registercontext
F ttc	F showcontext
F ttf	F splitcontext
F woff	D synonyms
F registersanitizer	D variants
F reserveid	T symbols
T select	F uselibrary
D alternatives	T tables
F bodyfont	F toeffect
D data	T tracers
F default	T treatments
D defaults	F applyfixes
F definefallbackfamily	D data
F definefontfamily	S filename
F definefontfamilypreset	F ignoredfile
D extras	F report
F fallback	F trace
D fallbacks	T typefaces
F features	functions table
F filefallback	F dummy
F fontdata	getmetatable function
F fontfallback	globaldata table
F fontsynonym	N CONTEXTLMTXMODE
F goodies	N LUAFORMAT
F mathfallback	N LUAMAJORVERSION
D methods	N LUAMINORVERSION
D presets	S LUAENGINE
F registerfallback	N LUAFORMATID
F registerfiles	N LUAFUNCTIONALITY
F registerfontalternative	S LUAVERBOSE
F registerfontfamily	N LUAVERSION
F textfallback	N LUAVERSION
F typeface	T MP
F typescript	F SAVEDREQUIRE
F userdata	T aes
T specifiers	F decode
D contextmerged	F encode
F contextnumber	F random
D contextnumbers	T arg

F assert	F encodeLZW
T attributes	F encodeRL
F applyoverloads	T bibtex
F checkvalues	T bit32
D counts	F arshift
F define	F band
F getvalue	F bnot
F getvalues	F bor
F hasvalues	F btest
D list	F bxor
F markasoverload	F extract
D names	F lrotate
D numbers	F lshift
F ofnode	F replace
F private	F rrotate
F public	F rshift
F registervalue	T blobs
F restore	F append
F save	F dimensions
F setcleaner	F dispose
F showcurrent	F new
F system	F pack
F tooverloads	F strdp
N unsetvalue	F strhd
D values	F strht
T backends	F strwd
F closeout	F tohpack
S current	F tonodes
F getcallbackstate	F tovpack
F initialize	F write
F latelua	T boolean
F nothing	F tocontext
F openout	F tonumber
F setencryption	T buffers
F writeout	F append
T basexx	F assign
F decode16	F collectcontent
F decode64	F empty
F decode85	F erase
F decodeLZW	F exists
F decodeRL	F get
F encode16	F getcontent
F encode64	F getctxlua
F encode85	F getlines

F getmkvi	F configfiles
F gettex	F contentstate
F loadcontent	F getfirstreadablefile
F prepend	F getreadablepaths
F raw	F getwritablepath
F run	F hashed
F samplefile	F is_writable
F splitsamplefile	F loadcontent
F undent	F loaddata
T builders	S more
F checkparcontext	F savecontent
F checksidefloat	F savedata
F parpassidentifier	F setfirstwritablefile
D passnames	F setluanames
F registerpaspasscallback	F treehash
T bytemap	F usedpaths
F bounds	T callback
F clip	F find
F copy	F getindex
F dimensions	F getoptions
F domain	F getoptionvalues
F downgrade	F getstate
F downsample	F getstatevalues
F getbyte	F known
F getbytes	F list
F getvalue	F names
F hasbytegray	F register
F hasbyterange	F setoptions
F hasbytergb	F setstate
F new	F testonly
F newdomain	F usage
F process	T callbacks
F reduce	F freeze
F reset	F getcomment
F setgray	F getstates
F setgrayadd	F known
F setgraymin	F optimizer
F setrgb	F pop
F slicegray	F push
F slicerange	F register
F slicergb	F report
T caches	T catcodes
S base	D names
F collapsecontent	D numbers

F register	D lccodes
F characterkern	F lettered
T characters	D lhash
F addcharacternames	D linebreaks
F adobename	F lower
D bidi	D mathlists
F blockrange	D oftscripts
D blocks	D ranges
D can_have_space	F registerentities
D categories	F remap_hangul_syllabe
F category	F setactivecatcodes
D categorytags	F setlettercatcodes
D collapsed	F setothercatcodes
D combined	F shape
F contextname	F shaped
D csletters	D shash
D data	D shchars
D decomposed	D shcodes
F description	F showstring
D descriptions	D specialchars
D detailtags	D specials
F emojiized	D synonyms
D encodes	F tonumber
D entities	D ucchars
D fallbacks	F uccode
D filters	D uccodes
F fromnumber	D uhash
D fschars	F unicodechar
D fscodes	F upper
F getrange	D verbosemarks
D graphemes	T chemistry
D hangul	F component
F initialize	F define
D is_character	D definitions
D is_command	S format
D is_hyphenator	F inlinechemical
D is_letter	S instance
D is_mark	S method
D is_nothing	F molecule
D is_punctuation	U moleculeparser
D is_spacing	F start
D is_symbol	F stop
D lcchars	F undefine
F lccode	F collectgarbage

T commands

F Alphabetic

F MPLIBconvertfollowtext

F MPLIBconvertoutlinetext

F MPc

F MPd

F MPfromhash

F MPH

F MPll

F MPLr

F MPls

F MPn

F MPp

F MPpardata

F MPplus

F MPpos

F MPr

F MPrest

F MPrs

F MPuL

F MPur

F MPw

F MPwhd

F MPx

F MPxy

F MPxywhd

F MPy

F Romannumerals

F actualday

F actualmonth

F actualyear

F adaptfontfeature

F adaptivecheckbox

F addbtxentry

F addcounter

F adddefaultsuffix

F addfeature

F addfontpath

F addgrapheme

F addlinenumbers

F addlinklistelement

F addreplacements

F addreplacementslist

F addrivers

F addtocolumnset

F addtocolumnsetmvl

F addtojavascriptpreamble

F addtolist

F align_point_delta

F allinputpaths

F alphabetic

F analyzefloatmethod

F analyzeitemgroup

F analyzelist

F analyzeloalanchors

F analyzeregister

F analyzerotate

F analyzeupcomingitemgroup

F applypattern

F applytoebox

F applytofirstcharacter

F arraycompare

F arrayequals

F arraymaxvalue

F arrayminvalue

F arraysizes

F arrayvalue

F ascender

F askedreference

F assignbuffer

F async

F attachinsertion

F attachinsertions

F atwordboundary

F autofinishstructurelevels

F autoinsertnextspace

F automigrationcodestring

F autonextstructurelevel

F autorule

F autosetups

F autostarttext

F autostoptext

F badnessmodecodestring

F balanceshapeextra

F benchmarktimer

F bf

F bi

F bitmapimage

F bitwise	F btxauthor
F bitwiseand	F btxauthorfield
F bitwiseflip	F btxauthorregister
F bitwisetil	F btxcmdstring
F bitwisenot	F btxcollectlistentries
F bitwiseor	F btxcurrentfirstnames
F bitwiset	F btxcurrentinitials
F bitwiseshift	F btxcurrentjuniors
F bitwisexor	F btxcurrentsurnames
F blockcolumnset	F btxcurrentvons
F blockligatures	F btxdetail
F boolcase	F btxdirect
F boxdir	F btxdoif
F boxline	F btxdoifelse
F boxlinedp	F btxdoifelsecitedone
F boxlineht	F btxdoifelsecombiinlist
F boxlineil	F btxdoifelsematches
F boxlinein	F btxdoifelsesameasprevious
F boxlineir	F btxdoifelseuservariable
F boxlinelh	F btxdoifnot
F boxlineip	F btxentrytobuffer
F boxlineis	F btxentrytostring
F boxlinemaxdp	F btxexpandedjournal
F boxlinemaxht	F btxfetchlistentries
F boxlinemaxwd	F btxfield
F boxlinend	F btxfirstofrange
F boxlinenh	F btxflush
F boxlinew	F btxflushlistcombi
F boxlinerh	F btxflushlistentry
F boxlinerp	F btxflushlisttag
F boxliners	F btxflushmarked
F boxlines	F btxflushpages
F boxlinewd	F btxhandlecite
F boxoptioncodestring	F btxhandlenocite
F boxrangedp	F btxlastofrange
F boxrangeht	F btxlistvariant
F boxrangewd	F btxloaddefinitionfile
F boxtostring	F btxloadjournalist
F bposcolumn	F btxloadreplacementfile
F bposcolumnregistered	F btxmissing
F bs	F btxoneorrange
F btxabbreviatedjournal	F btxpreparelistentries
F btxaddentry	F btxremapauthor
F btxaddjournal	F btxsavedataset

F btxsavejournalist	F collecthelp
F btisetdataset	F columnsetbalancefirst
F btisetentry	F columnsetbalancelast
F btisetregister	F columnsetbalancepage
F btisetspecification	F columnsetcolumnwidth
F btixshortcut	F columnsetdisablewide
F btixshowauthorremapping	F columnsetenablewide
F btixsingularorplural	F columnsetgoto
F btixtoregister	F columnsethascontent
F btixusedataset	F columnsetspan
F btixuservariable	F columnsetlastfuture
F build_page_after_shipout	F columnsetlastmvl
F build_page_before_shipout	F columnsetlimit
F build_page_setup	F columnsetnoto
F capheight	F columnsetresetdirect
F charactercontrolcodestring	F columnsetresetshapeextra
F chardescription	F columnsetreshape
F checkcolumnset	F columnsetsblockrows
F checkcolumnsetmvl	F columnsetsetshapeextra
F checkcountersetup	F columnsetshape
F checkedconversion	F columnsetshapebalancecheck
F checkedemoji	F columnsetshapebalanceextend
F checkedpagefloat	F columnsetshapecolumn
F checkinjector	F columnsetshapecount
F checkinterfacechain	F columnsetshapeindex
F checkmarkedpages	F columnsetshapepage
F checknesting	F columnsetshapersetbalancerange
F checkspacingavailable	F columnsetshapslots
F checkstrutdepth	F columnsetshapspread
F chemicalcomponent	F columnsetshapevsize
F chinesenumerals	F columnsetshapeworst
F chr	F columnsetshowgrid
F classoptioncodestring	F columnsetshowshape
F cleancolumnset	F columnsetshowtracedgrid
F cleanfontname	F columnsetstate
F cleanupattributes	F columnsetstatus
F cleanupbox	F combineglyphs
F cleanuplayers	F component
F clonefield	F concatcommalist
F closein	F consultfloat
F closeout	F continueifinputfile
F codedef	F convertbtxdatasettoxml
F collectedmath	F converteddimen
F collectfloat	F convertmpstopdf

F copyboxfromcache	F definefieldset
F copyboxline	F definefilefallback
F copyposition	F definefilesynonym
F cos	F definefont_one
F cosd	F definefont_two
F ctxfunction	F definefontcolorpalette
F ctxluamatch	F definefontfamily
F ctxluamatchfile	F definefontfamilypreset
F ctxresetter	F definefontfeature
F ctxscanner	F definefontscriptset
F currentcomponent	F definefontsolution
F currentdate	F definehyphenationfeatures
F currentdesignsize	F defineinsertion
F currentenvironment	F defineintermediatecolor
F currentfontinstancespec	F definelabcolorglobal
F currentposthyphenchar	F definelabcolorlocal
F currentprehyphenchar	F definelabels
F currentproduct	F definelanguage
F currentproject	F definelinkedlist
F currentsectiontolist	F definemathpreset
F datasetsize	F definemultitonecolorglobal
F datasetvariable	F definenamespace
F day	F definenote
F daymnm	F defineparallel
F dayname	F defineparbuilder
F decimals	F defineprocesscolordummy
F decrementcounter	F defineprocesscolorglobal
F decrementsubcounter	F defineprocesscolorlocal
F deferredenhancelist	F defineprogram
F deferredenhancereference	F definereference
F deferredenhanceregister	F defineregister
F defineaccents	F definesectionlevels
F defineattribute	F definespotcolorglobal
F defineboundary	F definestructureblock
F definebreakpoint	F definestructureset
F definebreakpoints	F definesubcolumnset
F definecharacterspacing	F definetransparency
F definechemical	F definetransparencyglobal
F definecolumnset	F definetypeface
F defineconversion	F defineviewerlayer
F definecounter	F delayedcolumnsetsheet
F definedlayoutcomponent	F depthnumber
F definefallbackfamily	F depthofstring
F definefield	F descender

F detachinsertions	F doifelseinputfile
F diagnostic	F doifelseleapyear
F digits_normal	F doifelselisthasentry
F digits_reverse	F doifelselisthasnumber
F directboxfromcache	F doifelselisthaspage
F disableautofontscript	F doifelselisthastitle
F disablecollectingmath	F doifelsemarkedcontent
F disabledirectives	F doifelsemarkedpage
F disableexperiments	F doifelsemessage
F disablejobsave	F doifelsenoteonsamepage
F disableparbuilder	F doifelseobjectfound
F disableregime	F doifelseobjectreferencefound
F disablespellchecking	F doifelseolderversion
F disablestatetriggering	F doifelseoverlapping
F disablestream	F doifelseparallel
F disabletrackers	F doifelseparentfile
F discardfromlist	F doifelsepathexist
F discoptioncodestring	F doifelsependingpagecontent
F disposeboxesincache	F doifelseposition
F disposeluatable	F doifelsepositiononpage
F doanalyzeframedbox	F doifelsepositionsonsamepage
F doif	F doifelsepositionsonthispage
F doifcounter	F doifelsepositionsused
F doifelse	F doifelserangeonpage
F doifelseblack	F doifelserereference
F doifelseboxincache	F doifelserereferencechecked
F doifelsebuffer	F doifelserereferenced
F doifelsebufferempty	F doifelserighttoleftinbox
F doifelsecharinfont	F doifelsesame
F doifelseconverter	F doifelsesomething
F doifelsecounter	F doifelsespaces
F doifelsecurrentfonthasfeature	F doifelsestackedfloats
F doifensedimenstring	F doifelsestructureblockempty
F doifensedrawingblack	F doifelsesynonymshown
F doifelsefieldcategory	F doifelsesynonymused
F doifelsefieldset	F doifelse>taggednoteonsamepage
F doifelsefiledefined	F doifelseurldefined
F doifelsefileexist	F doifelseutfmathaccent
F doifelsefirstchar	F doifelseutfmathfiller
F doifelsefirstsectionpage	F doifelseutfmathlimop
F doifelsefontfeature	F doifelsevalidhashedfiles
F doifelsefontpresent	F doifelsevisualizer
F doifelseindented	F doifmarkedpage
F doifelseinelement	F doifnot

F doifnotcounter	F enablematrixornaments
F doifnotecontent	F enablematrixrules
F doifnotsame	F enableparbuilder
F doifnotthing	F enableregime
F doifposition	F enablescriptunstacking
F doifsame	F enablesidefloatchecker
F doifsomething	F enablespellchecking
F doifunknownfontfeature	F enablestacking
F domainattribute	F enablestatetriggering
F doreshapeframedbox	F enablestream
F doresyncframedbox	F enableswapping
F dosaveposition	F enabletighten
F dosavepositionplus	F enabletrackers
F dosavepositionwhd	F enabletransparency
F dosetposition	F enableutf
F dosetpositionbox	F enhancelinkedlist
F dosetpositionplus	F enhancelist
F dosetpositionstrut	F enhanceregister
F dosetpositionstrutkind	F enhancesynonym
F dosetpositionwhd	F environment
F dostarttextfile	F eposcolumn
F dostoptextfile	F eposcolumnregistered
F doublescriptmodecodestring	F erasebuffer
F droptablegroup	F execute
F elapsedsteptime	F exportbox
F elapsedtime	F exportformdata
F embedimagefromstore	F exportreferences
F enablealignmentcharacter	F expression
F enablealignskips	F extendregister
F enableasciimode	F extendregisterlate
F enableautofences	F extensiblecode
F enableautofontscript	F fakeword
F enablebackgroundalign	F featureattribute
F enablebackgroundboxes	F feedback
F enablecollectingmath	F fetchlanguagegetext
F enablecolor	F fetchmultipar
F enablecolorintents	F fetchposboxes
F enablecrlf	F fetchterminaldata
F enabledirectives	F figure_flush_registered_pages
F enabledriver	F figure_mergegoodies
F enableexperiments	F figure_nof_registered_pages
F enablefontcolor schemes	F figure_register_page
F enablehidecontent	F figuresetdimensions
F enablemathalignrelocate	F filebasename

F filedirname	F formatcolor
F filenameonly	F formatgray
F filesuffix	F formatluminance
F filterdefaultreference	F formatluminanceratio
F filterreference	F formatone
F finalizeobjectbox	F framedoutline
F finalizeshipoutbox	F from
F findregisterinternal	F frozenparcodestring
F finishcolumnsetflush	F frule
F finishexport	F getMPdata
F firstinset	F getbidimode
F firstsectionpage	F getbodyfontsizes
F firstsubcountervalue	F getboxcountfromcache
F flagcodestring	F getboxdpfromcache
F flushcolumnsetareas	F getboxfromcache
F flushcolumnsetcolumn	F getboxhtdpfromcache
F flushfloat	F getboxhtfromcache
F flushlabeledfloat	F getboxwdfromcache
F flushnoterange	F getbuffer
F flushnotes	F getbuffercontent
F flushpageblocks	F getbufferctxlua
F flushpageinjectionsafter	F getbuffermkvi
F flushpageinjectionsbefore	F getbuffertext
F flushpostponedblocks	F getcharactercasingcategory
F flushpostponednotes	F getclubpenalties
F flushstream	F getcurrentprefixspec
F flushstreamcopy	F getcurrentreferencelabel
F fontchar	F getcurrentreferencemetadata
F fontcharbyindex	F getdefaultfieldvalue
F fontcollectionclone	F getdisplaywidowpenalties
F fontcollectiondefine	F getdocumentargument
F fontcollectionprepare	F getdocumentfilename
F fontcollectionregister	F getfieldcategory
F fontcollectionreport	F getfile
F fontcollectionreset	F getfirstcharacter
F fontlookupgetkey	F getfloatvariable
F fontlookupgetkeyofindex	F getfromluatable
F fontlookupinitialize	F getfullstructurenumber
F fontlookupnoffound	F getinterlinepenalties
F forceendjob	F getinternalcachedlistreference
F forcepageflush	F getinternallistreference
F forcequitjob	F getinternalorderreference
F forcestrutdepth	F getmathblobindex
F format	F getmathblobmapping

F getmathcharone	F gluetolinesinbox
F getmathchartwo	F glyphoptioncodestring
F getmathmathblob	F gobblenested
F getmathtextblob	F gotocolumnsetslot
F getmathvariant	F grabbuffer
F getmessage	F groupcodestring
F getmpextensions	F groupsetgroup
F getnaturaldimensions	F grph_nodes_initialize
F getnaturalwd	F grph_nodes_register
F getnofpreviouslines	F grph_nodes_reset
F getnotestate	F grph_nodes_resolve
F getnotestorecount	F handlemathhang
F getnotestoreflushed	F hboxtovbox
F getobjectdimensions	F heightofstring
F getobjectreference	F helpaction
F getobjectreferencepage	F helpreference
F getparshape	F hour
F getparwrapper	F hpackbox
F getprivatechar	F hpackedbox
F getprivateglyphslot	F hsplitt
F getprivatemathchar	F hyphenateddigits
F getprivateslot	F hyphenatedlist
F getprogram	F hyphenationcodestring
F getrandomdimen	F ic
F getrandomfloat	F idxfromluatable
F getrandomnumber	F if_common
F getrandomseed	F ifallmodes
F getreadfilename	F ifbitwiseand
F getreferencesectionnumber	F ifblobindexdone
F getrivers	F ifboxhaslist
F getsetupstring	F ifcommon
F getshapeparameter	F ifeof
F getsomefullstructurenumber	F ifgluelineinbox
F getsomestructurenumber	F ifinset
F getspecificstructuretitle	F iflua
F getstructurelevel	F ifmode
F getstructurenumber	F ifmodes
F getsubstring	F ifmvl
F getsynchronizemarking	F ifpositunum
F geturl	F ifsetups
F getvisual	F ifsystemmode
F getwidowpenalties	F iftext
F globalpopmacro	F ifxml
F globalpushmacro	F ifxmlatt

F ifxmlattempty	F insertrenderingwindow
F ifxmlempty	F inspectluatable
F ifxmlselfempty	F installedlanguages
F ifxmltext	F installtexdirective
F ignorefile	F installtexexperiment
F ignoretagsinexport	F installtextracker
F immediatemessage	F interceptsamepagecontent
F includesvgbuffer	F it
F includesvgfile	F jobfilefullname
F incrementcounter	F jobfilename
F incrementsubcounter	F jobfilesuffix
F inhibitprimitive	F jobposd
F initializeexport	F jobposh
F initializejob	F jobposp
F initializemathcollapsing	F jobposw
F initializemathfencing	F jobposx
F initializemathitalics	F jobposy
F initializemathkernpairs	F languagecharwidth
F initializemathnumbers	F languagenumber
F initializemathspacing	F lastblobindex
F initializestream	F lastnodeequals
F initializetexdirectives	F lastnodeid
F initializetexexperiments	F lastnodeidstring
F initializetextrackers	F lastnodesubtypestring
F injectcurrentreference	F lastparwrapper
F injectcurrentreferencehtdp	F lastrpos
F injectdisable	F lastsavedboxresourceindex
F injectnowhite	F lastsavedimageresourceindex
F injectreference	F lastsavedimageresourcepages
F injectvpenalty	F lastsectionpage
F injectvskip	F lastsubcountervalue
F injectvspacing	F lastunitstring
F injectzerobaselineskip	F lastxpos
F inlinechemical	F lastypos
F inputfilebarename	F lateindent
F inputfilename	F latelua
F inputfilerealsuffix	F lateundent
F inputfilesuffix	F lchexnumber
F insertattachment	F lchexnumbers
F insertcategorycodestring	F leapyear
F insertcomment	F limited
F insertfield	F linebuffering
F insertionnumber	F linedir
F insertoptioncodestring	F lineprofilebox

F linesegment	F localboxlinenumber
F listanchorcodestring	F localboxlinewidth
F listbookmark	F localboxlocalwidth
F listexternal	F localboxmarkonce
F listgroupindex	F localboxovershoot
F listlabel	F localboxparfillleftskip
F listlocation	F localboxparfillrightskip
F listnamespaces	F localboxparinitleftskip
F listprefixednumber	F localboxparinitrightskip
F listprefixedpage	F localboxprogress
F listrawnumber	F localboxrighthang
F listrawrealpage	F localboxrightoffset
F listrawuserpage	F localboxrightskip
F listsigncodestring	F localpopmacro
F listsize	F localpushmacro
F listtitle	F locatefilepath
F listuserdata	F loopcs
F lmt_parameters_define	F loopcsn
F lmt_parameters_preset	F lousiness
F lmt_parameters_reset	F luacardinal
F loadclfile	F luacount
F loadclfileonce	F luadimen
F loadexamodes	F luaexpression
F loadfontgoodies	F luafloat
F loadlibrary	F luainteger
F loadluafile	F luanumber
F loadluafileonce	F luarandom
F loadluamodule	F luascript
F loadmapfile	F luathread
F loadmapline	F lxmld
F loadspellchecklist	F manipulated
F loadtexfile	F markblobindexdone
F loadtexfileonce	F markcontent
F loadtypescriptfile	F markedpageparameter
F loadvisualizer	F markedpages
F loadxmlfile	F markingnumber
F loadxmlfileonce	F markingtitle
F localanchorx	F markinjector
F localanchory	F markpage
F localboxindent	F markregionbox
F localboxindex	F markregionboxcorrected
F localboxlefthang	F markregionboxtagged
F localboxleftoffset	F markregionboxtaggedkind
F localboxleftskip	F markregionboxtaggedn

F markvisualfonts	F mpsettext
F mathclassvalue	F mptexget
F mathcontrolcodestring	F mptexreset
F mathhorizontalcode	F mptexset
F mathoptioncodestring	F mptexsetfrombuffer
F mathrenderset	F mptexttoks
F mathstrutcode	F mvloptioncodestring
F mathvariantcode	F namedstructureuservariable
F mathvariantcount	F namedstructurevariable
F mathvariantslot	F naturalwd
F maxbufferwidth	F negatedcolorcomponent
F message	F newarray
F metapostescaped	F newhashedtable
F metapostformatted	F newindexedtable
F metapostgraphformat	F newluatable
F minute	F newparwrapper
F mixcleanup	F newrepeatablerandom
F mixfinalize	F newstacking
F mixflushlist	F nextparallel
F mixflushrest	F nextsubcountervalue
F mixgetsplit	F nodimen
F mixsetsplit	F nofbufferlines
F mixstate	F nofconversions
F modecodestring	F nofdays
F molecule	F nofdetachedinsertions
F month	F noflinesinbox
F monthnmn	F nofmathvariants
F monthname	F nofstackedfloats
F mpblobtext	F noflogbuffering
F mpcolor	F normalizecodestring
F mpgetblob	F normalizedbodyfontsize
F mpgettext	F normalizeparcodestring
F mpgraphic	F nospacesmodecodestring
F mpgraphictexttoks	F notedeltapage
F mppoptions	F noteinternal
F mpoutlinetoks	F notelistindex
F mppopvariables	F noteprefixednumber
F mppushvariables	F notetitle
F mprunset	F ntb_split_section_check
F mpruntab	F ntb_split_section_fetch
F mprunvar	F ntb_split_section_locate
F mpsetclippath	F ntb_split_section_reset
F mpsetoutercolor	F ntimes
F mpsetsxsy	F number

F numbers	F pdfsetuserdata
F objectreference	F pdfvariable
F objectreferencepage	F percentageof
F octnumber	F pfabs
F openin	F pfacos
F openout	F pfacosh
F operatingsystem	F pfasin
F ordinal	F pfasinh
F outputfilename	F pfatan
F overloadbookmark	F pfatanh
F overloadlowercase	F pfatantwo
F overloadsattribute	F pfceil
F overloaduppercase	F pfcos
F pageblockrealpage	F pfcosh
F pageofinternal	F pfdeg
F pageoverflow	F pfexp
F pagestaterealpage	F pffloor
F pagestaterealpageorder	F pflog
F paragraphfillmodecodestring	F pfmod
F paragraphoptioncodestring	F pfpow
F parcontextcodestring	F pfrad
F pardir	F pfrem
F parpasscallback	F pfround
F parpassidentifier	F pfsin
F parpos	F pfsinh
F partriggercodestring	F pfsqrt
F pdfbackendcurrentresources	F pftan
F pdfbackendsetcatalog	F pftanh
F pdfbackendsetcolorspace	F pgfxcolorspec
F pdfbackendsettextgstate	F pickupbuffer
F pdfbackendsetinfo	F pickupmarkedcontent
F pdfbackendsetname	F pickuppunctuation
F pdfbackendsetpageattribute	F placeparallel
F pdfbackendsetpageresource	F popfloat
F pdfbackendsetpagesattribute	F pophyphenation
F pdfbackendsetpattern	F poplist
F pdfbackendsetshade	F poplocalanchors
F pdfcolor	F poplogfile
F pdfextension	F popparagraphtweak
F pdffeedback	F poppath
F pdflastobj	F poprandomseed
F pdfliteral	F popreferenceprefix
F pdfobj	F popregime
F pdfrefobj	F poprunstate

F popsectionblock	F pushparagraphtweak
F positunum	F pushpath
F positunumdef	F pushrandomseed
F postlistbox	F pushreferenceprefix
F postlistcopy	F pushregime
F postponenotes	F pushrunstate
F prefixedconverted	F pushsectionblock
F prelistbox	F pushstream
F prelistcopy	F putboxincache
F preparecolumnsetflush	F putincolumnset
F prerolledpages	F putincolumnsetdirect
F presetcolumnsetsheets	F putnextboxincache
F presetcolumnsetspreadsheets	F qrcodebuffer
F presetmathematics	F qrcodestring
F presetmathfontalternate	F rawMPdata
F presetsymbollist	F rawcharacter
F previoussubcountervalue	F rawsetupstring
F privatecharacter	F rawsubcountervalue
F privatecharactercode	F read
F processbodyfontsizes	F readfromterminal
F processbuffer	F readline
F processcollectedmath	F readlinedirect
F processedfile	F recolorbox
F processedfiles	F referencecolumn
F processfile	F referencepagedetail
F processfilemany	F referencepagestate
F processfilenone	F referenceposx
F processfileonce	F referenceposy
F processjob	F referencerealpage
F processlist	F registeranchorbox
F processregister	F registerattachment
F processsplit	F registerbackendsymbol
F processsynonyms	F registerbackground
F product	F registerbodyfontsize
F profilebox	F registerbookmark
F profilemacro	F registerboxglyph
F project	F registerbuttons
F pruneboxesincache	F registercolorintent
F purefontname	F registercolumnsetarea
F pushfloat	F registercolumnsetsheet
F pushhyphenation	F registercolumnsetspreadsheets
F pushlist	F registerengineclass
F pushlocalanchors	F registerfallbackfont
F pushlogfile	F registerfiguremask

F registerfigurepattern	F reportstructure
F registerfigurerange	F resavefloat
F registerfiguresuffix	F reservedautoregiontag
F registerfilescheme	F resetMPinstance
F registerfontalternative	F resetalternate
F registerfontfamily	F resetbackgroundrowdata
F registerforcedbreak	F resetboxesincache
F registergroupset	F resetcharacteralign
F registerhashedfiles	F resetcolumnset
F registerhelp	F resetcomparingtext
F registerhyphenationexception	F resetcounter
F registerhyphenationpattern	F reseteffect
F registeritemgroup	F resetfeature
F registerlabel	F resetfontfeature
F registerlanguagefeatures	F resetfontsolution
F registerlinenumbering	F resetforcedbreak
F registermaintextcolor	F resetinjector
F registermpextensible	F resetlogfile
F registernamedlua	F resetmapfiles
F registernamespace	F resetmathattributes
F registerobject	F resetnullfont
F registerpattern	F resetparallel
F registerpostponedblock	F resetpath
F registerreferencedobject	F resetreference
F registerrendering	F resetscript
F registersection	F resetstructureprocessor
F registershownsynonym	F resetsubcounter
F registersnaprange	F resetsynchronizemarking
F registersstructureprocessor	F resetsynonyms
F registersynchronize	F resettimer
F registersynonym	F resettrackers
F registertransliteration	F resolvedemoji
F registerunit	F restartcounter
F registerunitshortcut	F restartsubcounter
F registerunknownbodysize	F restorecounter
F registerusedsynonym	F restorecurrentattributes
F registeruserdata	F restorenote
F registerverbosemathlabel	F restoreobject
F removelastring	F reuserandomseed
F renderingvar	F reversevboxcontent
F reorderfloats	F revivefeature
F replacefeature	F rightmathkern
F replacepospxywhd	F romannumerals
F replacewildcard	F rotateparshape

F rounded	F setcharacterstripping
F roundedfill	F setclosedocumentaction
F roundedoutline	F setclosepageaction
F ruby	F setcolormodel
F ruleoptioncodestring	F setcolumnsetarea
F runcontextjob	F setcolumnsetlines
F safechar	F setcolumnsetmvl
F samplefile	F setcolumnsetpresent
F saveboxresource	F setcolumnsetproperties
F savebuffer	F setcolumnsetstart
F savecounter	F setcomparetext
F savecurrentattributes	F setcomparingtext
F savecurrentvalue	F setcounter
F savedlistnumber	F setdataset
F savedlistprefixednumber	F setdestinationattribute
F savedlisttitle	F setdigitsmanipulation
F savefloat	F setdirection
F saveimageresource	F setdocumentargument
F savemargindata	F setdocumentcommandline
F savenote	F setdocumentctxfile
F savepagedata	F setdocumentdefaultargument
F savepageinjections	F setdocumentenvironments
F saveparallel	F setdocumentfilename
F savepos	F setdocumentfilenames
F savespecificfloat	F setdocumentmodes
F savestructureblock	F setdocumentmodules
F scangivendimensions	F seteffect
F scriptsmodecodestring	F setelementbackendtag
F second	F setelementnature
F selectstructureblock	F setextrafontkerns
F set_extensible_data	F setfieldcalculationset
F setadaptive	F setfigureconversion
F setalternate	F setfigurelookuporder
F setautoprefix	F setfigurepaths
F setbackgroundrowdata	F setfirstline
F setboxglyph	F setfontfeature
F setboxline	F setfontofid
F setbreakpoints	F setfontsolution
F setcharacteralign	F setformat
F setcharacteraligndetail	F setformsmethod
F setcharactercasing	F sethsizecolumnset
F setcharactercleaning	F sethsizecolumnspan
F setcharacterkerning	F sethyphenatedurlcharacters
F setcharacterspacing	F sethyphenationfeatures

F sethyphenationmethod	F setpagestate
F setidentityvariable	F setpagestaterealpageno
F setinitial	F setpagetransition
F setinitialsectionblock	F setparagraphmetashape
F setinjector	F setparagraphshape
F setinsertionlocation	F setparbuilder
F setinsertmigration	F setparwrapper
F setinterfaceconstant	F setpdfcompression
F setinterfaceelement	F setperiodkerning
F setinterfacemessage	F setpostlistbox
F setinterfacemessages	F setprelistbox
F setinterfacevariable	F setprofile
F setinternalreference	F setrandomseed
F setitaliccorrection	F setrealign
F setjavascriptpreamble	F setrealspaces
F setjobcomment	F setreferencelinkmethod
F setlanguageexceptions	F setregionbox
F setlanguageoptions	F setregionboxtagged
F setlanguagepatterns	F setregistermethod
F setlanguagesynonym	F setreplacements
F setlinefiller	F setruby
F setlineprofile	F setrule
F setlocalalignanchor	F setscript
F setlocalmarkanchor	F setsectionblock
F setlocalsyncanchor	F setsectionentry
F setluatable	F setshadow
F setmathalphabet	F setshift
F setmathattribute	F setsoftlyphens
F setmathfontalternate	F setsplitlisthtdp
F setmathfontstyle	F setstacking
F setmathsnapping	F setstructureblockstate
F setmathvariant	F setstructurelevel
F setmetaglyph	F setstructurenumber
F setmpextensions	F setsubcounter
F setnaturalwd	F settagcodepoint
F setnegative	F settagcombination
F setnextinternalreferences	F settagcombinationpair
F setnextreferenceorder	F settagconstruct
F setnotestate	F settagdelimitedsymbol
F setopendocumentaction	F settagdescriptionindex
F setopenpageaction	F settagfigure
F setowncounter	F settagfloat
F setownsubcounter	F settagformulacontent
F setpagecolormodel	F settaggedmetadata

F settaggingcomment	F showarray
F settaggingoption	F showassignerror
F settaggingpresets	F showattributes
F settaghighlight	F showbits
F settagitem	F showboxinbuffer
F settagitemgroup	F showbtxdatasetauthors
F settaglist	F showbtxdatasetcompleteness
F settagmarginanchor	F showbtxdatasetfields
F settagmarginintext	F showbtxentry
F settagmpgraphic	F showbtxfields
F settagnotation	F showbtxhashedauthors
F settagnotationsymbol	F showbtxtables
F settagparagraph	F showbtxvariants
F settagproperty	F showchardata
F settagpublication	F showcounter
F settagregister	F showdirectives
F settagsetreferencedescription	F showdiscretionaries
F settagsorting	F showexperiments
F settagsubsentencesymbol	F showfontparameters
F settagsynonym	F showhyphenatedinlist
F settagtablecell	F showhyphenationtrace
F settagtabulatecell	F showinjector
F settransliteration	F showjustification
F setupbookmarks	F showlogcategories
F setupcanvas	F showluatables
F setupcharacterspacing	F showluatokens
F setupcomparingtext	F showmacrostack
F setupexport	F showmessage
F setupfontexpansion	F showpagelist
F setupfontprotrusion	F showparagraphshape
F setupinsertion	F showprofiledmacros
F setuplinenumbering	F showstructure
F setupsynctex	F showtrackers
F setupusermetadata	F silliness
F setupviewerlayer	F simplealign
F setvisual	F simplecases
F setvisualfont	F simplematrix
F setvisuallayer	F sin
F setvisuals	F sind
F setvsizecolumnset	F sl
F setxmpfile	F spaceddigits
F shiftmatrixornaments	F spacefactorcodestring
F shiftparshape	F spaceskipcodestring
F shipoutpage	F special

F specificationoptioncodestring	F stopcomponent
F specifiedfont	F stopenvironment
F specifiedfontsize	F stopfontsolution
F specifiedfontspec	F stopgraphicgroup
F splitfilename	F stoplocalcomponent
F splitsamplefile	F stopmarkpages
F spotcolorname	F stopmatrix
F spotcolorparent	F stopmirroring
F spotcolorvalue	F stoppageblock
F squid_check	F stopparbuilder
F startactualtext	F stopprerollpageblock
F startalternativetext	F stopproduct
F startchemical	F stopproject
F startclipping	F stopregime
F startcollectingmath	F stoprotation
F startcolorset	F stopscaling
F startcomponent	F stopsectionlevel
F startenvironment	F stopstream
F startfontsolution	F stoptext
F startgraphicgroup	F stopviewerlayer
F startlocalcomponent	F storejavascriptcode
F startmarkpages	F storejavascriptpreamble
F startmatrix	F storenote
F startmirroring	F storeregister
F startpageblock	F strc_tags_document_pop
F startparbuilder	F strc_tags_document_push
F startprerollpageblock	F strc_tags_get_element_tag
F startproduct	F strc_tags_parcounter_pop
F startproject	F strc_tags_parcounter_push
F startregime	F strc_tags_set_aspect
F startrotation	F strc_tags_set_element_user_properties
F startruby	F strc_tags_start
F startscaling	F strc_tags_start_chained
F startsectionlevel	F strc_tags_start_detail
F startstream	F strc_tags_start_ignore
F starttext	F strc_tags_start_userdata
F startviewerlayer	F strc_tags_stop
F step	F stringtoorientation
F stopactualtext	F stripinserts
F stopalternativetext	F structureautocatcodedget
F stopchemical	F structureblockuservariable
F stopclipping	F structurecatcodedget
F stopcollectingmath	F structuregivencatcodedget
F stopcolorset	F structurenumber

F structuretitle	F tightfitcompensation
F structureuservariable	F timestring
F structurevariable	F tobigpoints
F subcountervalue	F tobit
F subsubcountervalues	F tobits
F subtocolumnsetmvl	F tochar
F subtocolumnsetmvlbalance	F tohexa
F subtractfeature	F toorientation
F svghashed	F totalofstring
F sync	F tounicharnum
F synccolor	F towholebigpoints
F synccolorclone	F transliterate
F synccolorcount	F transliteratebuffer
F synchronizelocalanchors	F transliterated
F synchronizemarking	F transliteratedbuffer
F synchronizesteps	F transliterationexception
F synchronizestream	F traverseblock
F synctextblockfilename	F traversemath
F synctextdisable	F triggerpagebuilder
F synctexpause	F truefilename
F synctexpopline	F truefontname
F synctexpushline	F type
F synctexresetfilename	F typebuffer
F synctexresume	F typefile
F synctexsetfilename	F uchar
F synonymfirstuserpage	F uchexnumber
F synonymmeaning	F uchexnumbers
F synonymname	F undefinechemical
F synonympages	F unicodechar
F synonymuserpages	F unihex
F systemlog	F unit
F tabl_ntb_get_sec	F unloadlanguage
F tabl_ntb_set_sec	F unstripinserts
F tagmfunctionlab	F unsupporteddcs
F tagmfunctionlabattribute	F useMPLibrary
F tan	F useanyfile
F tand	F useanyfileonce
F textdir	F useboxresource
F textime	F usecolors
F tf	F usecomponent
F thebox	F useenvironment
F thefirstcharacter	F usefigurebase
F themaxboxwidth	F usefile
F theremainingcharacters	F useimageresource

F usejavascriptpreamble	F x_table_construct
F usejavascriptscripts	F x_table_create
F uselibrary	F x_table_finish_row
F uselist	F x_table_flush
F useluamodule	F x_table_init_construct
F useluatable	F x_table_init_reflow_height
F usemathpluginlibrary	F x_table_init_reflow_height_option
F usemodules	F x_table_init_reflow_width
F usepath	F x_table_init_reflow_width_option
F useproduct	F x_table_next_row
F useproject	F x_table_next_row_option
F userferences	F x_table_r
F userregister	F x_table_reflow_height
F usesubpath	F x_table_reflow_width
F usesymbols	F x_table_set_construct
F usetransliteration	F x_table_set_reflow_height
F useurl	F x_table_set_reflow_width
F usezipfile	F xmladdindex
F utfchar	F xmlaftersetup
F utflower	F xmlall
F utfmathclass	F xmlappendsetup
F utfmathcommand	F xmlapplyselectors
F utfmathcommandfiller	F xmlatt
F utfmathfiller	F xmlattdef
F utfmathstretch	F xmlattribute
F utfshape	F xmlattributedef
F utfstrip	F xmlbadinclusions
F utfupper	F xmlbeforesetup
F uuid	F xmlchainatt
F vboxlisttohbox	F xmlchainattdef
F verbose	F xmlchecknamespace
F vpackbox	F xmlcommand
F vpackedbox	F xmlconcat
F way	F xmlconcatrange
F weekday	F xmlcontext
F weekdayname	F xmlcount
F widthofstring	F xmlcssmappedstylevalue
F widthuptohere	F xmlcssstylevalue
F write	F xmldelete
F writeline	F xmldepth
F writestatus	F xmldirect
F writestring	F xmldirectives
F x_table_c	F xmldirectivesafter
F x_table_cleanup	F xmldirectivesbefore

F xmldisplayverbatim	F xmlloadbuffer
F xmldoif	F xmlloaddata
F xmldoifatt	F xmlloaddirectives
F xmldoifelse	F xmlloadentities
F xmldoifelseatt	F xmlloadfile
F xmldoifelseempty	F xmlmain
F xmldoifelseselfempty	F xmlmatch
F xmldoifelsetext	F xmlname
F xmldoifempty	F xmlnamespace
F xmldoifnot	F xmlnonspace
F xmldoifnotatt	F xmlpar
F xmldoifnotempty	F xmlparam
F xmldoifnotselfempty	F xmlpath
F xmldoifnottext	F xmlpopmatch
F xmldoifselfempty	F xmlpos
F xmldoiftext	F xmlprependsetup
F xmlelement	F xmlpure
F xmlfileline	F xmlpushmatch
F xmlfilename	F xmlraw
F xmlfilter	F xmlrawtex
F xmlfilterlist	F xmlrefatt
F xmlfirst	F xmlregisterns
F xmlflush	F xmlremapname
F xmlflushcontext	F xmlremapnamespace
F xmlflushlinewise	F xmlremovesetup
F xmlflushpure	F xmlresetinjectors
F xmlflushsetups	F xmlresetsetups
F xmlflushspacewise	F xmlsave
F xmlflushstext	F xmlsetatt
F xmlformulatobuffer	F xmlsetattribute
F xmlfunction	F xmlsetcommandtonone
F xmlgetindex	F xmlsetcommandtotext
F xmlinclude	F xmlsetentity
F xmlincludeoptions	F xmlsetinjectors
F xmlinclusion	F xmlsetpar
F xmlinclusionbase	F xmlsetparam
F xmlinclusions	F xmlsetsetup
F xmlindex	F xmlsnippet
F xmlinlineverbatim	F xmlstartraw
F xmlinstalldirective	F xmlstarttiming
F xmllast	F xmlstopraw
F xmllastatt	F xmlstoptiming
F xmllastmatch	F xmlstrip
F xmllastpar	F xmlstripanywhere

F xmlstripeverything	F latelua
F xmlstripnolines	F loadfile
F xmlstripped	F loadviafile
F xmlstrippednolines	D modes
F xmltag	F newindexer
F xmltexatt	F newtexthandler
F xmltexentity	F newverbosehandler
F xmltext	F nr
F xmltobuffer	F par
F xmltobuffertextonly	F popcatcodes
F xmltobufferverbose	F poplogger
F xmltofile	F printlines
F xmltoparameters	F printtable
F xmlverbatim	F protect
F xmlwithindex	F pushcatcodes
F year	F pushlogger
T containers	F rule
F cleanname	F runfile
F content	F runstring
F define	F safechar
F is_usable	F secondoftwoarguments
F is_valid	F setconditional
F read	F setfontid
B usecache	F setmode
F write	F setsystemmode
T context	F settracing
F bc	F settrialtypesettingmethod
F bgroup	F space
F char	F sprint
F concat	F startcollecting
D conditionals	F step
F cssdimension	F stepwise
F ctxescape	F stopcollecting
F ctxescaped	D systemmodes
F direct	F tobuffer
F egroup	D tokenizedcs
F escape	F tolines
F escaped	F trialtypesetting
F firstofoneargument	F unprotect
F firstoftwoarguments	F utfchar
F fprint	F viafile
F getlogger	T converters
F glyph	F A
F gobbleoneargument	F A:es

F A:ru	F define
F A:sl	F gregorian_to_hebrew
F AK	F gregorian_to_jalali
F Alphabetic	F hebrewnumerals
F Alphabetic:es	F hexstringtonumber
F Alphabetic:ru	F i
F Alphabetic:sl	F isleapyear
F Character	F jalali_to_gregorian
F Characters	F lchexnumber
F I	F lchexnumbers
F KA	F leapyear
F KR	F lower
F R	F max
F RK	F maxchrs
F Romannumerals	F nicenumber
F Russiannumerals	F nofdays
F Sloveniannumerals	F number
F Spanishnumerals	F numbers
F Word	F octnumber
F Words	F octstringtonumber
F a	F ordinal
F a:es	F r
F a:ru	F romannumerals
F a:sl	F russiannumerals
F abjadnodotnumerals	D sequences
F abjadnumerals	F settime
F alphabetic	F sloveniannumerals
F alphabetic:es	F spaceddigits
F alphabetic:ru	F spanishnumerals
F alphabetic:sl	F textime
F character	F toabjad
F characters	F tochinese
F chineseallnumerals	F tohebrew
F chineseapnumerals	F toroman
F chinesedatenumerals	F totime
F chinesenumerals	F uchexnumber
F chr	F uchexnumbers
F chrs	F upper
F cn	F weekday
F cn-a	F word
F cn-c	F words
F cn-d	T coroutine
F convert	F close
F decimals	F create

F isyieldable	T document
F resume	D arguments
F running	F getargument
F status	F getfilename
F wrap	F pdf_cleanup_cidsets
F yield	F pdf_cleanup_procsets
T ctxrunner	F pdf_identify_content
F load	F pdf_serialize_content
F preparedfile	F pdf_strip_content
D prepfiles	F pdf_strip_page
F resolve	F setargument
T debug	F setcommandline
F getinfo	F setdefaultargument
F sethook	F setenvironments
F traceback	F setfilename
F dimen	F setfilenames
T dir	F setmodes
F collectpattern	F setmodules
F current	D variables
F expandlink	T documentdata
F expandname	F variable
F found	F dofile
F glob	T drivers
F globdirs	F applyanchor
F globfiles	F applyorientation
F globpattern	F convert
F ls	F enable
F makedirs	F finalize
F mkdirs	F gethpos
F pop	F gethrpos
F push	F getpos
T directives	F getrpos
D data	F getvpos
F default	F initialize
F disable	F install
F enable	N lmtxversion
F list	F outputfilename
S name	F report
F register	T effects
F report	F getoctaveloops
F reset	F getoctavemethods
F show	F getoctavestatus
F value	F getoctavevariants
F values	F newoctave

F octave	S outputfilename
F octavebytemap	S ownbin
F perlinnoise	S ownmain
F simplexangle	S ownname
F simplexdetail	S ownpath
F simplexnoise	B prerollrun
F stepoctave	D rawarguments
T environment	F reconstructcommandline
F argument	F relativepath
D arguments	F setargument
D basicengines	F splitarguments
N currentrun	S suffix
F definefilefallback	F texfile
F definefilesynonym	S texmfos
D engineflags	S texos
S filename	S texroot
D filesynonyms	F truefilename
N forcedruns	F useluamodule
F getargument	F usemodules
F globfiles	D validengines
S homedir	S version
B initex	F error
B initexmode	T experiments
F initializearguments	D data
F initializefilenames	F default
S inputfilebarename	F disable
S inputfilename	F enable
S inputfilesuffix	F list
S jobfilefullname	S name
S jobfilename	F register
S jobfilesuffix	F report
N kindofrun	F reset
N lmtxmode	F show
F loadexamodes	F value
F loadluafile	F values
F luafile	T figures
F luafilechunk	F applyratio
S luatexengine	F badname
N luatexfunctionality	D bases
S luatexverbose	F bitmapimage
N luatexversion	N boxnumber
N maxnofruns	F bytepalette
S oldhome	D cachepaths
D originalarguments	F check

D checkers	D resources
D conversions	F scale
D converters	F set
F current	F setconversion
N defaultdepth	F setlookups
N defaultheight	F setorder
B defaultsearch	F setpaths
N defaultwidth	D suffixes
F done	D used
F dummy	T file
D exists	F addsuffix
F exists	F basename
D formats	F checksum
D found	F collapsepath
F get	F copy
F getinfo	F dirname
F getpdfinfo	F expandname
F getrealpage	F extname
F guess	F is_qualified_path
F guessfromstring	F is_readable
F hash	F is_rootbased_path
D identifiers	F is_writable
F identify	F isreadable
F include	F iswritable
D includers	F join
F initialize	F joinpath
D loaded	F loadchecksum
D localpaths	F nameonly
D magics	F nametotable
F mergegoodies	F needs Updating
N nofmissing	F needsupdating
N noprocessed	F pathpart
D order	F readdata
D paths	F removesuffix
D patterns	F replacesuffix
F pop	F reslash
B preferquality	F robustname
D programs	F savechecksum
F push	F savedata
F qrcode	F size
F registerpattern	F splitbase
F registerresource	F splitname
F registersuffix	F splitpath
D remappers	F suffix

F suffixes	F checkedpagefloat
F suffixesonly	F collect
F suffixonly	F consult
F syncmtimes	F flush
F withinbase	F getvariable
T fio	F hasstacked
F getposition	F nofstacked
F read2dot14	F pop
F readbytes	F push
F readbytetable	F resave
F readcardinal1	F save
F readcardinal1le	F stacked
F readcardinal2	T font
F readcardinal2le	F addcharacters
F readcardinal3	F addquality
F readcardinal3le	F current
F readcardinal4	F define
F readcardinal4le	F getfont
F readcardinaltable	F getfontdimen
F readcline	F getfontfields
F readcstring	F getfontspec
F readfixed2	F getmathcharacterfields
F readfixed4	F getmathindex
F readinteger1	F getmathspec
F readinteger1le	F getparameterfields
F readinteger2	F gettextcharacterfields
F readinteger2le	F id
F readinteger3	F max
F readinteger3le	F nextid
F readinteger4	F setfont
F readinteger4le	F setfontdimen
F readintegertable	F xscaled
F setposition	F yscaled
F skipposition	T fonts
F writecardinal1	F current
F writecardinal1le	F currentid
F writecardinal2	F definetypface
F writecardinal2le	F enhanceid
F writecardinal3	D expansions
F writecardinal3le	D formats
F writecardinal4	F getalternate
F writecardinal4le	F getindices
T floats	F getkern
F analysemethod	F getmultiple

F	getsubstitution	F	new
F	infofont	F	placeholder
F	mode	F	tocontext
D	names	F	bpsize
D	nulldata	T	colorspaces
D	protrusions	T	identifiers
F	registersanitizer	F	bitmap
F	reserveid	F	jp2
F	toeffect	F	jpeg
T	functions	F	jpg
F	dummy	F	png
F	getmetatable	F	identify
T	globaldata	F	registerpdfcompactor
N	CONTEXTLMTXMODE	F	registerpdffont
N	LUAFORMAT	T	synchronizers
N	LUAMAJORVERSION	F	collapse
N	LUAMINORVERSION	F	collect
S	LUATEXENGINE	F	extend
N	LUATEXFORMATID	F	getbottom
N	LUATEXFUNCTIONALITY	F	getd
S	LUATEXVERBOSE	F	geth
N	LUATEXVERSION	F	getkind
N	LUAVERSION	F	getsize
F	SAVEDREQUIRE	F	gettask
F	assert	F	gettop
F	characterkern	F	getw
F	collectgarbage	F	getx
F	dimen	F	gety
F	dofile	F	prune
F	error	T	gzip
F	getmetatable	F	compress
T	graphics	F	compressed
T	backgrounds	F	decompress
F	fetchmultibar	F	load
F	pair	F	save
F	path	F	suffix
F	point	T	helper
T	bitmaps	F	getprofile
F	flush	F	mathnested
F	load	F	mathprocess
T	loaders	F	mathstep
F	jpeg	F	snapindeed
F	jpg	F	snaplist
F	png	F	traversecharmmethod

F traverseglyphmethod	T cardinals
F traversehorizontal	F checkedspecification
F traversevertical	D complete
F inspect	D constants
T interactions	D corenamespaces
D attachments	S currentinterface
T fields	S currentresponse
F clone	F definecommand
F define	F defined
F defineset	F doifelsemessage
F insert	D elements
T general	T floats
F getidentity	D formats
F getidentityvariable	F getmessage
T help	F getnamespace
F collect	F getsetupstring
F reference	D hashedsetups
F register	F implement
T javascripts	T integers
F addtopreamble	F interfacedcommand
F code	T interfaces
D codes	F knownscanner
F flushpreambles	F message
D functions	F nameofscanner
D preambles	T namesofscanners
F setpreamble	T namespaces
F storecode	F define
F storepreamble	F list
F usepreamblenow	T numbers
F usescripts	F registernamespace
D linkedlists	F registerscanner
T pages	D scanners
F setpagetransition	F setconstant
F setupcanvas	F setcount
T references	F setdimen
F setcloseddocumentaction	F setelement
F setclosepageaction	F setformat
F setopendocumentaction	F setmacro
F setopenpageaction	F setmessage
D renderings	F setmessages
T interfaces	F settranslation
T arrays	D setupstrings
D cachedsetups	F setvariable
F cachesetup	F showmessage

D	storedscanners	F	extend
F	tolist	F	getdata
D	translations	F	setdata
D	usednamespaces	D	tobesaved
D	variables	F	disablesave
F	writestatus	T	embedded
T	io	D	collected
F	ask	D	tobesaved
F	bytes	T	fileobjreferences
F	characters	D	collected
F	close	D	tobesaved
F	copydata	T	files
F	exists	D	collected
S	fileseparator	F	context
F	flush	B	forcerun
F	gobble	F	run
F	input	D	tobesaved
F	lines	F	getrandomseed
F	loadchunk	F	initialize
F	loaddata	T	linkedlists
F	loadlines	D	collected
F	newreader	D	tobesaved
F	noflines	F	load
F	open	F	loadother
F	output	T	meshedup
S	pathseparator	D	collected
F	popen	D	tobesaved
F	read	T	objects
F	readall	D	collected
F	readnumber	F	get
F	readstring	F	number
F	savedata	F	page
F	size	F	save
U	stderr	F	set
U	stdin	D	tobesaved
U	stdout	B	pack
F	tmpfile	N	packversion
F	type	T	pagestates
F	write	D	collected
F	ipairs	F	countervalue
T	job	F	extend
F	comment	F	realpage
T	datasets	F	realpageorder
D	collected	F	setstate

D tobесaved	F paragraph
T parwrappers	F parindent
D collected	F position
D tobесaved	F r
T positions	F region
F b_column	F registerhandlers
F b_region	F replace
F c	F rightskip
D collected	F set
F column	F setall
F columnofpos	F setregionbox
F copy	F setspec
F depth	F settobесaved
F e_column	D tobесaved
F e_region	F upperleft
F enhance	F upperright
F extra	F used
F get	F whd
F getcolumndata	F width
F getfree	F x
F gethpos	F xy
F gethvrpos	F y
F getpos	F register
F getreserved	F save
F getrpos	T structure
F getsync	D collected
F gettobесaved	T components
F getvpos	T namestack
F hangafter	T tobесaved
F hangindent	T branches
F height	S name
F hsize	S type
N lastr	T variables
N lastx	D checksums
N lasty	D collected
F leftskip	F getchecksum
F lowerleft	F makechecksum
F lowerright	F restore
F markregionbox	F save
F n	F setchecksum
F onsamepage	D tobесaved
F overlapping	N version
F p	T kpse
F page	T language

F clean	D featuresets
F clearhyphenation	F handler
F clearpatterns	T methods
F current	F expanded
F gethjcode	B none
F has_language	F original
F hyphenate	F tex
F hyphenation	F traditional
F hyphenationmin	F popmethod
F id	F pushmethod
F new	F setmethod
F patterns	F setup
F postexhyphenchar	F showhyphenationtrace
F posthyphenchar	T traditional
F preexhyphenchar	F definefeatures
F prehyphenchar	F gettrace
F sethjcode	F hyphenate
F setwordhandler	F injecthyphens
T languages	F installmethod
F addgoodiesdata	F lasttrace
F addgoodiesfile	F loadpatterns
T appliedoptions	F registerexception
F associate	F registerpattern
D associated	F setfeatures
F association	F installed
D counters	F installhandler
F current	T labels
D data	F define
D decimals	F split
F define	F loadable
F explicithyphen	F loadwords
F exportlanguage	T logger
F flatten	F report
T frequencies	F nofflattened
F averagecharwidth	D numbers
F getdata	F pdflanguage
F getdata	F postexhyphenchar
F getmetadata	F posthyphenchar
F getnumber	F preexhyphenchar
F goodiefiles	F prehyphenchar
T hjcounts	D registered
F hyphenate	T registeredactions
T hyphenators	T replacements
T dictionaries	F add

F addlist	T status
F handler	F isleftpage
F set	F lefttorrightpageaction
F serializediscretionary	T lfs
F setexceptions	F attributes
F setgoodieshandler	F chdir
F setoptions	F currentdir
F setpatterns	F dir
F setsynonym	F isdir
F setwordhandler	F isfile
F showdiscretionaries	F isfound
F strippedgoodiewords	F isreadabledir
F tolang	F isreadablefile
T transliteration	F iswriteabledir
F exception	F iswriteablefile
F handler	F link
F register	F mkdir
F set	F mkdirs
F use	F modification
F unload	F readlink
T urls	F rmdir
D characters	F setexecutable
N lefthyphenmin	F symlink
D mapping	F symlinktarget
B packslashes	F touch
N righthyphenmin	F walkdir
F setcharacters	T libraries
N version	D basiclua
F visualizediscretionaries	D basictex
T words	D builtin
F check	D extralua
T data	D extratex
F disable	D functions
F enable	D globals
T enablers	D obsolete
B enables	D optional
F found	T lmx
F load	F color
T methods	F convert
N threshold	F convertfile
T layouts	F convertstring
F getcanvas	F einject
F getpagedimensions	F eprint
F setupcanvas	F escape

F finalized	F load
F finject	D loaders
F fprint	F loadfile
F get	F loadstring
F getvariables	T logs
F htmfile	F application
T html	F categories
F a	F direct
F td	F disable
F th	F enable
F include	F finalactions
T inherited	F flush
S color-background-four	F loggingerrors
S color-background-one	F messenger
S color-background-three	F new
S color-background-two	F newline
S title	F poplogfile
F initialize	F poptarget
F inject	T private
F lmxfile	F enablepagetiming
F loadedfile	F getpagetiming
F make	F pushlogfile
F new	F pushtarget
F popupfile	F registerfinalactions
F print	F report
F pv	F reporter
F report	F resetlogfile
F reset	F setformats
F result	F setformatters
F set	F setlogfile
F show	F setmessenger
F stripcss	F setprocessor
F tv	F settarget
F type	F settimedlog
F urlescape	F settranslations
F variable	F show
T variables	F start_page_number
S color-background-blue	F start_run
S color-background-body	F starterrorlogging
S color-background-green	F startfilelogging
S color-background-main	F status
S color-background-purple	F stop_page_number
S color-background-yellow	F stoperrorlogging
S title-default	F stopfilelogging

F subdirect	F copyfloat
F subreport	F copyinteger
F system	F copynumber
F texerrormessage	F copystring
F writer	F copyunicode
T lpdf	F deferredobject
F action	F delayedobject
F adddocumentcolorspace	F destinationspecification
F adddocumenttextgstate	F dictionary
F adddocumentpattern	F docstring
F adddocumentshade	T encodingvalues
F addtocatalog	N base16
F addtoinfo	N base85
F addtonames	N decoded
F addtopageattributes	N encoded
F addtopageresources	N plain
F addtopagesattributes	N utf16be
F addxmpinfo	N utf16le
F annotationspecification	T endpoints
F array	S Div
F attachmentsymbols	S Part
F boolean	S Sect
F border	T epdf
F checkedkey	F allcontent
F checkedresources	F analyzefonts
F checkedvalue	F contentplugin
F circularshade	F contenttostring
F close	F contenttotext
F cmykcode	D encryptioncodes
F collectedresources	F expanded
F color	F expandwidths
F colorspace	F fontplugin
D colorspaceconstants	F getpagecontent
F colorspec	F getstructure
F colorvalue	T helpers
F colorvalues	F tounicodetable
F commentsymbols	T image
F compressdata	F close
F compresslevel	F copy
F constant	F new
F copyarray	F open
F copyboolean	F query
F copyconstant	F load
F copydictionary	F mergewidths

D objectcodes	N FileSelect
F objectrange	N MultiLine
F objecttype	N NoExport
F pageplugin	N NoToggleToOff
F parsecontent	N Password
F producer	N PopUp
T resolvers	N PushButton
F destinations	N Radio
F embeddedfiles	N RadiosInUnison
F javascripts	N ReadOnly
F layers	N Required
F pages	N RichText
F structure	N Sort
F widgets	N file
F unload	N fixed
F verboseobject	N nocheck
F escaped	N protected
F finalizedocument	N readonly
F finalizepage	N required
F finalizesignature	N sorted
F finishtransparencycode	N unavailable
T flags	F flushfonts
T annotations	F flushgroup
N AutoView	F flushobject
N Hidden	F flushstreamfileobject
N Invisible	F flushstreamobject
N Locked	T fonts
N LockedContents	F color_direct
N NoRotate	F color_indirect
N NoView	D formats
N NoZoom	F frombytes
N Print	F fromeight
N Printable	F frompdfdoc
N ReadOnly	F fromsixteen
N ToggleNoView	F getcatalog
N auto	F getcompression
N hidden	F getfontname
N printable	F getfontobjectnumber
T widgets	F getformatoption
N Comb	F getinfo
N CommitOnSelChange	F getmatrix
N DoNotScroll	F getnofpages
N DoNotSpellCheck	F getpageproperties
N Edit	F getpagereference

F getpagetags	F pdfcolor
F getpos	F pdftimestamp
F gettaggingstatus	T permissions
F gettrailerid	N access
F getversion	N add
F getxformname	N assemble
F graycode	N extract
T h_hex_2	N fillin
S	N modify
S	N print
S	N quality
S	F preparesignature
S	F print
S (F procset
S)	B protectresources
S \	F quads
T h_hex_4	F rectangle
F hasmatrix	F reference
F immediateobject	F registerannotation
F includeimage	F registerdestination
F initialize	F registerdocumentfinalizer
T injectors	F registerfontmethod
F bitmap	F registerinitializer
F jp2	F registerpagefinalizer
F jpg	F registerpattern
F png	F registersignature
F injectxmpinfo	F replacexmpinfo
F insertxmpinfo	F reserveobject
F lastreferredpage	F rgbcode
F layerreference	F rotationcm
F limited	F setcompression
F linearshade	F setencryption
F literal	F setpageorder
F majorversion	F setpagestate
F makenametree	F setpagetag
F minorversion	F setutfstringmode
F nofontregistries	F setversion
F nopages	F sharedobject
F null	F shareobject
F number	F shareobjectreference
F object	F splitsixteen
F objectcompresslevel	F spotcode
F pagereference	F stream
F patternstream	F string

F supportedformats	F balancer
F tocidset	F beforesuffix
F toeight	F checkedsplit
F topdfdoc	F containsws
F topermissions	F counter
F tosixteen	F endstripper
F transparency	F finder
F transparencycode	F firstofsplit
T transparencygroups	F frontstripper
B none	F instringchecker
F transparencyvalue	F is_lpeg
F unicode	F keeper
T usedcharacters	F locale
T usedfontnames	F match
N dejavusansmonoboldttf-1-0-0	F oneof
T usedfontobjects	D patterns
N dejavusansmonoboldttf-1-0-0	F pcode
D usedfontstreams	F print
T usedindices	F ptree
T dejavusansmonoboldttf-1-0-0	F replacer
T dejavusansmonottf-1-0-0	F secondofsplit
F verbose	F setmaxstack
T lpeg	F setutfcasers
F B	F split
F C	F splitat
F Carg	F splitter
F Cb	F stripper
F Cc	F times
F Cf	F tsplitat
F Cg	F tsplitter
F Cmt	F type
F Cp	F utfR
F Cs	F utfchartabletopattern
F Ct	F utfreplacer
F P	S version
F R	T lua
F S	F addnibble
F UP	T bytecode
F UR	D bytedata
F US	T bytedone
F V	F callbytecode
F afterprefix	F comparekeys
F anywhere	F finalizeinitex
F append	N firstbytecode

F get_functions_table	F poprunstate
F getallkeys	F pushrunstate
F getbytecode	F registerdumpactions
F getcheckedkeys	F registerpageactions
F getcurrenttime	F registerstartactions
F getdebuginfo	F registerstopactions
F getexitcode	F registertempfile
F getfunctionstable	N starttime
F getnibble	T syntex
F getnumerickeys	F blockfilename
F getpreciseseconds	F collect
F getpreciseticks	F disable
F getruntime	F enable
F getstacktop	F finish
F getstartupfile	F isenabled
F getstringkeys	F pause
F getversion	F popline
N lastbytecode	F pushline
D messages	F registerdisabler
F newindex	F registerenabler
F newtable	F resetfilename
D numbers	F resume
F protectglobal	F setfilename
F registercode	F setup
F registeredcodes	F start
F registerglobal	F stop
F registerinitexfinalizer	F wrapup
F registername	F wrapup
F setbytecode	T lxml
F setexitcode	F addindex
F setnibble	F all
S startupfile	F applyfunction
F subnibble	F applyselectors
S version	F att
T luac	F attribute
F inspect	F badinclusions
F print	F chainattribute
T luatex	F checkindex
F abort	F collected
F cleanup	F command
F cleanuptempfiles	F concat
F currentfile	F concatrange
F currentlevel	F content
F currenttotal	F context

F convert	F inlineverbatim
F count	F installsetup
F delete	F last
F depth	F lastatt
F direct	F lastmatch
T directives	F lastpar
F after	F load
F before	F loadbuffer
F handle	F loaddata
F load	T loaded
F setup	F main
F displayverbatim	F match
F doif	F name
F doifelse	F namespace
F doifelseempty	F nonspace
F doifelsext	T obsolete
F doifempty	F get_id
F doifnot	F par
F doifnotempty	F param
F doifnottext	F parameter
F doiftext	F path
F element	F popmatch
F elements	F pos
D entities	F position
F fileline	F pure
F filename	F pushmatch
F filter	F raw
F filterlist	F rawroot
F first	F rawtex
F flush	F refatt
F flushlinewise	F register
F flushsetups	F registerentity
F flushspacewise	F removesetup
F get_id	F replace
F getid	F resetcdata
F getindex	F resetsetups
F id	F resolvedentity
U idsplitter	F root
F ifatt	F save
F ifattempty	F serialize
F include	F setaction
F inclusion	F setatt
F inclusions	F setattribute
F index	F setcdata

F setcommandtonone	F div
F setcommandtotext	F even
F setpar	F exp
F setparam	F floor
F setparameter	F fmod
F setsetup	F frexp
F snippet	N huge
T sorters	N initialseed
F add	F ldexp
F compare	F log
F flush	F log10
F reset	F max
F show	N maxinteger
F sort	F min
F splitid	N mininteger
F startraw	F mod
F startunescaped	F modf
F stopraw	F odd
F stopunescaped	N pi
F store	F pow
F strip	F rad
F stripped	F random
F tag	F randomseed
F texatt	F round
F text	F setrandomseedi
F tobuffer	F sin
F tofile	F sind
F toparameters	F sinh
F toverbatim	F sqrt
F verbatim	F tan
F withinindex	F tand
D xmltexhandler	F tanh
T math	F tointeger
F abs	F type
F acos	F ult
F asin	T mathematics
F atan	F addfallbacks
F atan2	F addvariant
F ceil	D alphabets
F ceiling	D alternatives
F cos	F beforepassingfonttotex
F cosd	F big
F cosh	D boldmap
F deg	T categories

D functions	F getverboselabel
D charactersets	F horizontalcode
F checkaftercopyingfont	F initializeparameters
D classes	F makefont
D classnames	D mapremap
D codes	F markblobindexdone
F define	F overloadparameters
T dictionaries	F preset
D data	T presets
D defaults	T less
D groups	T more
F groupset	T zero
F groupsetgroup	N privatebase
F name	F registerextensible
D names	F registersimplematrix
F registercharacter	F registerverboselabel
F registergroup	F remapalphabets
F registergroupset	F renderextensible
D sets	T renderings
D variants	D mappings
F dimensions	D numbers
F disablecollecting	D sets
T domainlabels	F renderset
T domainnames	F resetattributes
N default	F scaleparameters
F enablecollecting	F setextensibledata
F extensiblecode	F setmathsymbol
D extensibles	D sets
N extrabase	F setsnapping
T fallbacks	F setvariant
F apply	F strutcode
F install	D styles
F fallbackstyleattr	F syncboth
F familyname	F syncname
F functiontype	F syncstyle
D gaps	T tagging
F getblobindex	B mfenced
F getboth	F toengineclass
F getdomainname	F toname
F getextensibledata	F tostyle
F getmathblob	F tweakaftercopyingfont
F getoptionallabel	F tweakbeforecopyingfont
F getstyle	T tweaks
F gettextblob	F accentdimensions

F action	F kerns
F addactuarian	T kernsets
F addarrows	T .,
F addbars	F margins
F addcomposites	F message
F addequals	F moveitalics
F addfourier	F movelimits
F addmirrors	F parameters
F addparts	F radicalbodymargins
F addprivates	F radicaldegreeanchors
F addrules	F replace
F addscripts	F replacealphabets
F bigslots	F replacerules
F checkaccents	F setoptions
F checkspacing	F setovershoots
F copyaccents	F showinfo
T datasets	F simplifykerns
T accentdimensions	F sortvariants
T accent	F staircase
T over	F strut
T under	T subsets
T addarrows	T acenorsuvxz
T addscripts	T bhklt
T checkspacing	T d
T copyaccents	T dotless
T fixprimes	T f
T fixslashes	T gjqy
T wipecues	T horizontalfences
F dimensions	T i
F extendaccents	T integrals
F fallbacks	T letterlike
F fixaccents	T mw
F fixellipses	T p
F fixintegrals	F substitute
F fixoldschool	F topanchors
F fixprimes	F tweaks
F fixradicals	F version
F fixslashes	F wipeanchors
F fixvariants	F wipecues
F flattenaccents	F wipeitalics
F fontname	F wipevariants
F inspect	F utfmathaccent
F keepbases	F utfmathclass
F kernpairs	F utfmathcommand

F utfmathfiller	N iteration
F utfmathstretch	N leftbrace
F variantcode	N leftbracket
F variantcount	N leftdelimiter
F virtualize	N let
D virtualized	N macrodef
T md5	N macrospecial
F HEX	N maketext
F dec	N message
F hex	N mode
F sum	N newbytemap
F sumHEXA	N newinternal
F sumhexa	N nullary
T metapost	N numeric
F checkformat	N of
F checktracingonline	N ofbinary
F cm	N onlyset
T codes	N parametertype
N addto	N pathconnect
N ampersand	N pathjoin
N and	N plusorminus
N assignment	N primarybinary
N atleast	N primarydef
N begingroup	N property
N btex	N protection
N capsule	N relax
N colon	N repeatloop
N comma	N rightbrace
N controls	N rightbracket
N curl	N righdelimiter
N cycle	N runscript
N definedmacro	N save
N delimiters	N scantokens
N endgroup	N secondarybinary
N equals	N secondarydef
N etex	N semicolon
N everyjob	N setbounds
N exittest	N shipout
N expandafter	N show
N fiorelse	N slash
N if	N step
N input	N stop
N interim	N str
N internal	N string

N tag	F getextensions
N tension	F getextradata
N tertiarybinary	F gethashentries
N tertiarydef	F getinstancebyname
N thingstoadd	F getinstanceinfo
N to	F getinstancenames
N typename	F getjobdata
N unary	F getmovetolerance
N undefinedcs	F getparameter
N until	F getparameterpreset
N void	F getparameterset
N with	F getrecord
N within	F getstatistics
N write	F gettext
F colorinitializer	F gettolerance
F convert	F graphic
F currentmpx	F graphic_base_pass
F currentmpxstatus	F hascurvature
S defaultformat	F includesvgbuffer
S defaultinstance	F includesvgfile
S defaultmethod	F installplugin
F directrun	F isobject
F escaped	T knownparameters
T exectime	S lastlog
D extensiondata	F load
F filterclippath	F maketext
F flush	F mesh
T flushers	T metafonts
T pdf	T metafun
F flushfigure	F interpolate
F startfigure	F topath
F stopfigure	T mptopdf
F textfigure	F convertmpstopdf
F tocomment	N nofconverted
F flushnormalpath	N n
T fonts	F newlogger
F define	N nofruns
F format_number	F nofsciptruns
F format_string	F nvformat
F formatnumber	F pdfliterals
F getbackendoption	F pluginactions
F getbendtolerance	F popformat
F getbuffer	F popscriptrunner
F getclippath	F popvariable

F popvariables	F startgraphic
F preparetextstata	F startsvghashing
F process	F stopgraphic
F processing	F stopsvghashing
F processplugins	F svformat
T properties	B svgcachefile
F pushformat	F svgcolorremapper
F pushscriptrunner	T svgfactors
F pushvariable	N %
F pushvariables	N bp
B quitonerror	N cm
B reducetogray	N em
F registerdirect	N ex
F registerscript	N in
F registertokens	N mm
F remappedtext	N pc
F remaptext	N pt
F reporterror	N px
F reportsvgfonts	F svgglyphomp
F reset	F svgshapestomp
F resetbackendoptions	F svgshapestopdf
F resetlastlog	F svgsplitcolor
F resetplugins	F svgtomp
F run	F svgtopdf
F runinternal	F sxsy
F runscrip	T tex
F scanparameters	F get
F scriptindex	F reset
F setbendtolerance	F set
F setbuffer	F setfrombuffer
F setextensions	B texerrors
F setlogging	F texexp
F setmovetolerance	F theclippath
F setoutercolor	F tographic
F setparameter	F totable
F setparameterset	T types
F setrecord	N boolean
F settext	N cmykcolor
F settolerance	N color
F setvariable	N dependent
B showlog	N independent
F showsvgpage	N known
F simple	N nep
F splitprescript	N numeric

N pair	F default
N path	F quoted-printable
N pen	F text
N picture	F wrp
N protodependent	T moduledata
N string	T modules
N structured	D anch-loc
N suffixedmacro	D anch-pgr
N tokenlist	D anch-snc
N transform	D back-exp
N unknownboolean	D back-exp-imp-fnt
N unknownnep	D back-exp-imp-mth
N unknownpath	D back-exp-imp-ref
N unknownpen	D back-exp-imp-tag
N unknownpicture	D back-imp-lua
N unknownstring	D back-imp-mps
N unsuffixedmacro	D back-imp-pdf
N vacuous	D back-imp-pdp
F typesvgpage	D back-inc
F unload	D blob-ini
F untagvariable	D buff-imp-default
T variables	D buff-imp-escaped
T mime	D buff-imp-lua
F b64	D buff-imp-mp
F decode	D buff-imp-nested
T decodet	D buff-imp-parsed-xml
F base64	D buff-imp-tex
F quoted-printable	D buff-imp-xml
F dot	D buff-ini
F encode	D buff-par
T encodet	D buff-ver
F base64	D char-enc
F quoted-printable	D chem-ini
F eol	D chem-str
F normalize	D cldf-com
F qp	D cldf-ver
F qpwrp	D colo-icc
F report	D colo-ini
F stuff	D cont-run
F unb64	D core-con
F unqp	D core-ctx
F wrap	D core-dat
T wrapt	D core-sys
F base64	D driv-shp

D file-mod	D font-mps
D file-syn	D font-nod
D font-afk	D font-ogr
D font-agl	D font-one
D font-aux	D font-onr
D font-cff	D font-osd
D font-chk	D font-ota
D font-cid	D font-otc
D font-col	D font-otd
D font-con	D font-oth
D font-ctx	D font-oti
D font-def	D font-otj
D font-dsp	D font-otl
D font-enc	D font-oto
D font-enh	D font-otr
D font-fbk	D font-ots
D font-fmp	D font-ott
D font-hsh	D font-oup
D font-imp-checks	D font-pat
D font-imp-combining	D font-prv
D font-imp-compound	D font-san
D font-imp-digits	D font-sel
D font-imp-dimensions	D font-shp
D font-imp-effects	D font-sol
D font-imp-italics	D font-syn
D font-imp-ligatures	D font-tfm
D font-imp-math	D font-tpk
D font-imp-notused	D font-trt
D font-imp-properties	D font-ttf
D font-imp-quality	D font-txt
D font-imp-reorder	D font-vfc
D font-imp-scripts	D font-vir
D font-imp-spacekerns	D good-ctx
D font-imp-tex	D good-gen
D font-imp-text	D good-ini
D font-imp-tracing	D good-mth
D font-imp-tweaks	D grph-bmp
D font-imp-unicode	D grph-con
D font-ini	D grph-epd
D font-lig	D grph-fil
D font-log	D grph-img
D font-lua	D grph-inc
D font-map	D grph-pat
D font-mpf	D grph-raw

D grph-rul	D lxml-ent
D grph-trf	D lxml-ini
D grph-u3d	D lxml-mms
D java-ini	D lxml-sor
D lang-cnt	D lxml-tex
D lang-def	D math-act
D lang-dis	D math-ali
D lang-exc	D math-dim
D lang-hup	D math-ext
D lang-hyp	D math-fbk
D lang-ini	D math-fnt
D lang-lab	D math-frc
D lang-rep	D math-ini
D lang-tra	D math-map
D lang-txt	D math-mps
D lang-url	D math-noa
D lang-wrd	D math-pre
D libs-imp-curl	D math-rad
D libs-imp-ghostscript	D math-ren
D libs-imp-graphicsmagick	D math-spa
D libs-ini	D math-tag
D lpdf-ano	D math-ttv
D lpdf-col	D math-txt
D lpdf-epa	D math-vfu
D lpdf-epd	D meta-blb
D lpdf-fix	D meta-fnt
D lpdf-fix-imp-contents	D meta-fun
D lpdf-fix-imp-fonts	D meta-imp-txt
D lpdf-fld	D meta-ini
D lpdf-fmt	D meta-lua
D lpdf-grp	D meta-nod
D lpdf-img	D meta-pdf
D lpdf-ini	D meta-tex
D lpdf-lmt	D mlib-ctx
D lpdf-mis	D mlib-fio
D lpdf-ren	D mlib-int
D lpdf-rul	D mlib-lmp
D lpdf-sig	D mlib-lmt
D lpdf-tag	D mlib-lua
D lpdf-u3d	D mlib-mat
D lpdf-wid	D mlib-mpf
D lpdf-xmp	D mlib-msh
D lxml-css	D mlib-pdf
D lxml-dir	D mlib-pos

D mlib-pps	D scrn-fld
D mlib-ptr	D scrn-hlp
D mlib-ran	D scrn-ini
D mlib-run	D scrn-pag
D mlib-scن	D scrn-ref
D mlib-snc	D scrn-wid
D mlib-svg	D scrp-cjk
D node-ali	D scrp-eth
D node-bck	D scrp-ini
D node-fnt	D scrp-tha
D node-par	D scrp-tib
D node-ref	D sort-ini
D node-rul	D sort-lan
D node-tra	D spac-ali
D node-typ	D spac-brk
D pack-obj	D spac-chr
D pack-ori	D spac-hor
D pack-rul	D spac-ovl
D page-blk	D spac-par
D page-cst	D spac-pas
D page-flt	D spac-prf
D page-ini	D spac-twi
D page-inj	D spac-ver
D page-ins	D strc-bkm
D page-lin	D strc-blk
D page-mix	D strc-con
D page-otr	D strc-doc
D page-pst	D strc-flt
D page-sel	D strc-ini
D page-str	D strc-itm
D phys-dim	D strc-lev
D publ-aut	D strc-lst
D publ-dat	D strc-mar
D publ-fnd	D strc-mat
D publ-inc	D strc-not
D publ-ini	D strc-num
D publ-jrn	D strc-pag
D publ-oth	D strc-ref
D publ-reg	D strc-reg
D publ-sor	D strc-rsc
D publ-tra	D strc-syn
D publ-usr	D strc-tag
D regi-ini	D strc-usr
D scrn-but	D symb-emj

D symb-ini	D typo-stc
D syst-cmp	D typo-sus
D tabl-ali	D typo-syn
D tabl-ntb	D typo-tal
D tabl-tbl	D typo-wrp
D tabl-xtb	D unic-ini
D task-ini	T mp
D trac-bld	F autoinject
D trac-jus	T aux
D trac-par	F boolean
D trac-riv	F color
D trac-sig	F direct
D trac-vis	F draw
D type-ini	F fill
D typo-adj	F flush
D typo-bld	F fprint
D typo-brk	F integer
D typo-cap	F number
D typo-chr	F numeric
D typo-cln	F pair
D typo-dha	F pairpoints
D typo-dif	F path
D typo-dig	F pathpoints
D typo-dir	F points
D typo-drp	F print
D typo-duc	F quadruple
D typo-fkr	F quadruplepoints
D typo-fln	F quoted
D typo-hid	F size
D typo-inj	F string
D typo-itc	F transform
D typo-krn	F triplet
D typo-lan	F tripletpoints
D typo-lbx	F vprint
D typo-man	F boolean
D typo-mar	F bytemap_load_from_file
D typo-ovl	F cleaned
D typo-pag	F color
D typo-par	F dataset
D typo-pnc	T datasets
D typo-prc	F load
D typo-rep	F direct
D typo-rub	F downgradebytemap
D typo-spa	F downsamplebytemap

F draw	F lmt_glyphshape_path
F expandtex	F lmt_glyphshape_start
F fill	F lmt_glyphshape_stop
F fillbytemap	F lmt_glyphshape_usedbox
F flatten	F lmt_glyphshape_usedline
F flush	F lmt_glyphshape_width
F format	F lmt_mesh_set
F formatted	F lmt_mesh_update
F fprint	F lmt_poisson_generate
T get	F lmt_start_potrace
F hashentry	F lmt_step_potrace
F getbytemap	F lmt_stop_potrace
F getbytemapdata	F lmt_svg_include
F getlastaddtype	F loadbytemap
F graphformat	F loadbytemapfile
T inject	F mesh_register
F boolean	F mf_blob_add
F cmykcolor	F mf_blob_dimensions
F color	F mf_blob_index
F integer	F mf_blob_new
F number	F mf_blob_raw_content
F numeric	F mf_blob_raw_dimensions
F pair	F mf_blob_raw_reset
F path	F mf_blob_raw_toutf
F pt	F mf_blob_raw_wipe
F quadruplet	F mf_blob_size
F string	F mf_blob_width
F transform	F mf_external_figure
F triplet	F mf_finish_saving_data
F vector	F mf_formatted_text
F vectors	F mf_get_outline_text
F whatever	F mf_graphic_text
F whd	F mf_inject_blob
F xy	F mf_map_move
F integer	F mf_map_text
F lmt_function_x	F mf_named_color
F lmt_glyphshape_accent	F mf_outline_text
F lmt_glyphshape_baseline	F mf_save_data
F lmt_glyphshape_boundingbox	F mf_script_index
F lmt_glyphshape_depth	F mf_start_saving_data
F lmt_glyphshape_height	F mf_stop_saving_data
F lmt_glyphshape_italic	F mode
F lmt_glyphshape_llx	F n
F lmt_glyphshape_n	F newbytemap

F number	F tripletpoints
F numeric	F vprint
F pair	T mplib
F pairpoints	F downgradebytemap
F path	F downsamplebytemap
F pathpoints	F execute
F points	F expandtex
F processbytemap	F fillbytemap
F processingmode	F finder
F quadruple	T finders
F quadruplepoints	F file
F quoted	F mpstemplate
F report	F finish
T scan	F getbytemap
F boolean	F getbytemapdata
F cmykcolor	F getcallbackstate
F color	F getcodes
F expression	F getcolormodels
F integer	F getfields
F next	F gethashentries
F number	F gethashentry
F numeric	F getinternalactions
F pair	F getknotstates
F path	F getlastaddtype
F pen	F getlogtargets
F property	F getobjectdata
F string	F getobjectpeninfo
F symbol	F getobjectstacking
F token	F getobjecttypes
T tokenscanners	F getpruneoptions
F transform	F getresultstatus
T typescanners	F getscaledbits
F whatever	F getscantypes
T set	F getstates
F setbytemap	F getstatistics
F setbytemapoctave	F getstatus
F size	F gettolerance
T skip	F gettype
F token	F gettypes
F solve	F injectboolean
F string	F injectcmykcolor
F systemmode	F injectcolor
F transform	F injectinteger
F triplet	F injectnumber

F injectnumeric	F autofences
F injectpair	F classes
F injectpath	F collapse
F injectstring	F dictionaries
F injecttransform	F export
F injectvector	F families
F injectvectors	F fencing
F injectwhatever	F intervals
F new	F kernpairs
F newbytemap	F makeup
F peninfo	F normalize
F processbytemap	F numbers
T propertycodes	F relocate
B realltimelogging	F render
F scanboolean	F showtree
F scanmykcolor	F snap
F scancolor	F spacing
F scanexpression	F suspicious
F scaninteger	F tags
F scannext	F unscript
F scannumber	F unstack
F scannumeric	F variants
F scanpair	F process
F scanpath	F processnested
F scanpen	T processors
F scanproperty	T dictionaries
F scanstring	T intervals
F scansymbol	T suspicious
F scantoken	T unscript
F scantransform	T unstack
F setbytemap	F processouter
F setbytemapoctave	T node
F settolerance	F checkdiscretionaries
F showcontext	F checkdiscretionary
F skiptoken	F copy
F solvepath	F copylist
F version	F count
T nanojpeg	F currentattributes
F decode	F dimensions
F next	T direct
T noads	F addmargins
F getmathmode	F addxoffset
T handlers	F addxymargins
F alternates	F addyoffset

F appendaftertail	F getcornerkerns
F appendcurrenttail	F getcurrenttail
F beginofmath	F getdata
F checkdiscretionaries	F getdegree
F checkdiscretionary	F getdelimiter
F collapsing	F getdenominator
F copy	F getdepth
F copylist	F getdirection
F copyonly	F getdisc
F count	F getdiscpart
F currentattributes	F getexcept
F dimensions	F getexpansion
F effectiveglue	F getfam
F endofmath	F getfield
F exchange	F getfielderror
F fields	F getfirstdirectioninlist
F findattribute	F getfont
F findattributerange	F getfontcheck
F findnode	F getgeometry
F firstchar	F getglue
F firstglyph	F getglyphdata
F firstglyphnode	F getglyphdimensions
F firstitalicglyph	F getheight
F flattendiscretionaries	F getid
F flattenleaders	F getidsubtype
F flushlist	F getidsubtypenext
F flushnode	F getindex
F free	F getinputfields
F freeze	F getkern
F getanchors	F getkerndimension
F getattribute	F getlanguage
F getattributelist	F getleader
F getattributes	F getleftdelimiter
F getboth	F getlist
F getbottom	F getlistdimensions
F getbottomdelimiter	F getlocalparboxstate
F getbox	F getmvl
F getcachestate	F getnaturalwhd
F getchar	F getnext
F getchardict	F getnodeerrorvalues
F getcharspec	F getnodes
F getchoice	F getnormalizedline
F getclass	F getnucleus
F getcontrol	F getnumerator

F getoffsets	F hasfield
F getoptions	F hasgeometry
F getorientation	F hasglyph
F getparstate	F hasglyphoption
F getpenalty	F hasidsubtype
F getpost	F hasoptions
F getpre	F hasusage
F getprev	F hpack
F getprime	F hyphenating
F getproptiestable	F id
F getproperty	F ignoremathskip
F getreplace	F insertafter
F getrightdelimiter	F insertbefore
F getruledimensions	F insertcurrenthead
F getscale	F isboth
F getscales	F ischar
F getscrip	F ischarcheck
F getscripts	F ischardisc
F getshift	F isdirect
F getshort	F isfontcheck
F getslant	F isglyph
F getspeciallist	F isitalicglyph
F getstate	F isloop
F getsub	F isnext
F getsubpre	F isnextchar
F getsubtype	F isnextcharcheck
F getsup	F isnextglyph
F getsuppre	F isnode
F gettop	F isprev
F gettopdelimiter	F isprevchar
F gettotal	F isprevcharcheck
F getusage	F isprevglyph
F getusedattributes	F issimilarglyph
F getweight	F issnapped
F getwhd	F isspeciallist
F getwidth	F isvalid
F getwordrange	F iszeroglue
F getxscale	F kerning
F getxyscales	F lastnode
F getsyscale	F length
F gluetostring	F ligaturing
F hasattribute	F makeextensible
F hasdimensions	F markglyphprocessing
F hasdiscoption	F migrate

F mlisttohlist	F setdirection
F naturalhsize	F setdisc
F naturalwidth	F setdiscpart
F new	F setexcept
F newcontinuationatom	F setexpansion
F newfontcheck	F setfam
F newmathglyph	F setfield
F newtextglyph	F setfielderror
F patchattributes	F setfont
F patchparshape	F setfontcheck
F prependbeforehead	F setgeometry
F prependcurrenttail	F setglue
F protectglyph	F setglyphdata
F protectglyphs	F setheight
F protectglyphsbase	F setindex
F protectglyphsnone	F setinputfields
F protrusionskippable	F setkern
F rangedimensions	F setlanguage
F remove	F setleader
F removefromlist	F setleftdelimiter
F repack	F setlink
F reverse	F setlist
F samefontcheck	F setnext
F serialized	F setnucleus
F setanchors	F setnumerator
F setattribute	F setoffsets
F setattributelist	F setoptions
F setattributes	F setorientation
F setattributesinlist	F setpenalty
F setboth	F setpost
F setbottom	F setpre
F setbottomdelimiter	F setprev
F setbox	F setprime
F setchar	F setproperty
F setchardict	F setreplace
F setchoice	F setrightdelimiter
F setclass	F setruledimensions
F setcontrol	F setscale
F setcurrenttail	F setscales
F setdata	F setscript
F setdegree	F setscripts
F setdelimiter	F setshift
F setdenominator	F setslant
F setdepth	F setsnapped

F setspeciallist	F usedlist
F setsplit	F usesfont
F setstate	F vbalance
F setsub	F verticalbreak
F setsubpre	F vpack
F setsubtype	F write
F setup	F xscaled
F setsuppre	F yscaled
F settop	F effectiveglue
F settopdelimiter	F endofmath
F settotal	F family_font
F setweight	F fields
F setwhd	F findattribute
F setwidth	F flattendiscretionaries
F show	F flushlist
F size	F flushnode
F slide	F free
F softenhyphens	F getattribute
F startofpar	F getcachestate
F subtypes	F getfield
F tail	F getfielderror
F todirect	F getglue
F tonode	F getnodeerrorvalues
F tostring	F getpropertyestable
F tovaliddirect	F getproperty
F traverse	F gluetostring
F traversechar	F hasattribute
F traversecontent	F hasfield
F traverseglyph	F hasglyph
F traverseid	F hpack
F traverseitalic	F hyphenating
F traverseleader	F id
F traverselist	F insertafter
F traversepossible	F insertbefore
F type	F instock
F types	F intracking
F unprotectglyph	F inuse
F unprotectglyphs	F isnode
F unsetattribute	F iszeroglue
F unsetattributes	F kerning
F updatefirstandbotmark	F lastnode
F updatefirstmarks	F length
F updatemarks	F ligaturing
F updatetopmarks	F makeextensible

F mlisttohist	F basepoints
F new	D boundarycodes
F protectglyph	T boxes
F protectglyphs	F count
F protrusionskippable	F dimensions
F rangedimensions	F direct
F remove	F dispose
F serialized	F found
F setattribute	F prune
F setfield	F reset
F setfielderror	F restore
F setglue	F save
F setproperty	F savenode
F show	T builders
F size	D choicecodes
F slide	F concat
F subtypes	F copy
F tail	F copy_node
F todirect	F copyleft
F tonode	F countall
F toString	F currentattributes
F traverse	F delete
F traverseid	T destinations
F type	N attribute
F types	T done
F unprotectglyph	F handler
F unprotectglyphs	T stack
F unsetattribute	D dircodes
F usedlist	D directioncodes
F usesfont	D directionvalues
F vpack	D dirvalues
F write	D disccodes
T nodes	D discretionarycodes
D accentcodes	D fencecodes
T adaptive	F fields
F handlehorizontal	T fieldtypes
F handlevertical	D fillcodes
T methods	D fillvalues
F set	F firstdirinbox
F aligned	F flush
F append	F flushlist
F apply	F flushnode
F applyvisuals	D fractioncodes
F astable	F fullhpack

F getattr	F textbackgrounds
F getattribute	F unprotectglyphs
F getboth	F visualizehyphenation
F getbox	F wipe
F getchar	F hasattribute
F getfield	F hasfield
F getfont	F hpack
F getid	F idsandsubtypes
F getleader	F idstostring
F getlist	T injections
F getnext	F copy
F getprev	F getligaindex
F getproperty	F getthreshold
F getsubtype	F handler
D gluecodes	F installgetspaceboth
D glyphcodes	F installnewkern
T handlers	F isspace
F adjusters	F keeppoints
F aligncharacter	F reset
F backgrounds	F resetcounts
F backgroundspage	F setcursive
F backgroundsvbox	F setkern
F characters	F setligaindex
F checkglyphs	F setmark
F checkparcounter	F setmove
F cleanupbox	F setposition
F cleanuppage	F setspacekerns
F export	F insertafter
F finalizebox	F insertbefore
F finalizelist	F insertlistafter
F flatten	F installattributehandler
F flattenline	F is_display_math
T linebreakchecks	F isdirect
F mathalignrelocate	F isnode
F mathmatrixornaments	F isnut
F mathmatrixrules	D kerncodes
F migrate	F leftmarginwidth
F protectglyphs	T linefillers
F recolor	F filler
F show	F handler
F showhyphenation	F set
F showpreamble	T lines
F stripping	T boxed
F tabulateskip	F addlinenumbers

F register	F copyonlyglyphs
F setup	F count
D data	F flush
F finalize	F get
F number	F set
F link	F concat
F linked	F copy
F list	F copy_properties
D listcodes	F copypoint
F listtutf	F copynode
D literalvalues	F copyonly
F locate	F copyvisual
D markcodes	F count
T markers	F countall
F get	F currentattributes
F set	F delete
D mathcodes	F dimensions
D mathvalues	F dirdimensions
F maxboxwidth	F effectiveglue
T migrations	F endofmath
F setinserts	F exchange
F setmarks	F findattribute
F new	F findattributerange
D noadcodes	F findnode
D nodecodes	F firstchar
F nopts	F firstglyph
T nuts	F firstglyphnode
F addmargins	F firstitalicglyph
F addxoffset	F flattendiscretionaries
F addxymargins	F flattenleaders
F addyoffset	F flush
F append	F flushlist
F appendaftertail	F flushnode
F apply	F free
F applyvisuals	F freeze
F beginofmath	F fullhpack
F checkdiscretionaries	F getanchors
F checkdiscretionary	F getattr
F checkslide	F getattribute
F collapsing	F getattributelist
T colors	F getattributes
F set	F getattrlist
T components	F getattrs
F copynocomponents	F getboth

F getbottom	F getlistdimensions
F getbottomdelimiter	F getlocalparboxstate
F getbox	F getmiddle
F getboxglue	F getmiddledelimiter
F getchar	F getmvlolist
F getchardict	F getnaturalwhd
F getcharspec	F getnext
F getchoice	F getnormalizedline
F getclass	F getnucleus
F getcomponents	F getnumerator
F getcornerkerns	F getoffsets
F getdata	F getoptions
F getdegree	F getorientation
F getdelimiter	F getparstate
F getdenominator	F getpenalty
F getdepth	F getpost
F getdirection	F getpre
F getdisc	F getprev
F getdiscpart	F getprime
F getdiscretionary	F getprop
F getexcept	F getreplace
F getexpansion	F getrightdelimiter
F getfam	F getruledata
F getfield	F getruledimensions
F getfirstdirectioninlist	F getscale
F getfont	F getscales
F getfontcheck	F getscript
F getgeometry	F getscripts
F getglue	F getshift
F getglyphdata	F getshort
F getglyphdimensions	F getslant
F getheight	F getspeciallist
F getid	F getstate
F getidsubtype	F getsub
F getidsubtypenext	F getsubpre
F getindex	F getsubtype
F getinputfields	F getsup
F getkern	F getsuppre
F getkerndimension	F getsurround
F getlang	F gettop
F getlanguage	F gettopdelimiter
F getleader	F gettotal
F getleftdelimiter	F getusedattributes
F getlist	F getvalue

F getweight	F kerning
F getwhd	F lastnode
F getwidth	F length
F getwordrange	F ligaturing
F getxscale	F link
F getxyscales	F linked
F getyscale	F locate
F gluetostring	F migrate
F hasattribute	F migratebox
F hasdimensions	F mlisttohlist
F hasdiscoption	F naturalhsize
F hasfield	F naturalwidth
F hasgeometry	F nestedtracedslide
F hasglyph	F new
F hasglyphoption	F newcontinuationatom
F hasidsubtype	F newfontcheck
F hasoptions	F newmathglyph
F hpack	F openup
F hyphenating	F patchattributes
F ignoremathskip	F patchparshape
F insertafter	T pool
F insertbefore	F accent
F insertlistafter	F baselineskip
F is_display_math	F boundary
F isboth	F boxrule
F ischar	F characterkern
F ischarcheck	F choice
F isdirect	F cleanup
F isdone	F delim
F isglyph	F delimiter
F isitalicglyph	F direction
F isnext	F directliteral
F isnextchar	F disc
F isnextcharcheck	F emptyrule
F isnextglyph	F fence
F isnode	F fontkern
F isnut	F fraction
F isprev	F glue
F isprevchar	F gluespec
F isprevcharcheck	F glyph
F isprevglyph	F hlist
F issimilarglyph	F imagerule
F issnapped	F indentskip
F iszeroglue	F intercharacterglue

F italiccorrection
F italic Kern
F kern
F latelua
F leader
F lefthangskip
F leftmarginkern
F leftskip
F lineskip
F literal
F luaboundary
F mathchar
F mathtextchar
F negatedglue
F noad
F originliteral
F outlinerule
F pageliteral
F penalizedglue
F penalizedspace
F penalty
F radical
F rawliteral
F register
F restore
F righthangskip
F rightmarginkern
F rightskip
F rule
F save
F savepos
F setmatrix
F setstate
F shrink
F spacefontkern
F spacingrule
F startrotation
F startscaling
F stock
F stoprotation
F stopscaling
F stretch
F strutrue
F subbox

F sublist
F temp
F usage
F userdefined
T userids
F usernode
F userrule
F virtualrule
F vlist
F wordboundary
F prepend
F prependbeforehead
F processranges
F processwords
F protectglyph
F protectglyphs
F protectglyphsbase
F protectglyphsnone
F protrusionskippable
F rangedimensions
F rawprop
F reference
F rehpack
F remove
F removefromlist
F repack
F repackhlist
F replace
F reverse
T rules
T ruleactions
F box
F draw
F fill
F mp
F stroke
F userrule
F serialized
F setanchors
F setattr
F setattribute
F setattributelist
F setattributes
F setattributesinlist

F setattrlist	F setoptions
F setattrs	F setorientation
F setattrsinlist	F setparproperty
F setboth	F setpenalty
F setbottom	F setpost
F setbox	F setpre
F setboxglue	F setprev
F setchar	F setprime
F setchardict	F setprop
F setchoice	F setreplace
F setclass	F setrightdelimiter
F setcomponents	F setruledata
F setdata	F setruledimensions
F setdegree	F setscale
F setdelimiter	F setscales
F setdenominator	F setscript
F setdepth	F setscripts
F setdirection	F setshift
F setdisc	F setslant
F setdiscpart	F setsnapped
F setdiscretionary	F setspeciallist
F setexcept	F setsplit
F setexpansion	F setstate
F setfam	F setsub
F setfield	F setsubpre
F setfont	F setsubtype
F setfontcheck	F setsup
F setgeometry	F setsuppre
F setglue	F setsurround
F setglyphdata	F settop
F setheight	F setvalue
F setinputfields	F setvisual
F setkern	F setvisuals
F setlang	F setweight
F setlanguage	F setwhd
F setleader	F setwidth
F setleftdelimiter	F show
F setlink	F slide
F setlist	F softenhyphens
F setmiddledelimiter	F somepenalty
F setnext	F somespace
F setnucleus	F splitbox
F setnumerator	F startofpar
F setoffsets	F striprange

F tail	F glyph
F takeattr	F leader
F takebox	F list
F takelist	F node
F theprop	F possible
F tonode	T typesetters
F tonodes	F tohbox
F tonut	F tohpack
F tosequence	F tonodes
F tostring	F tovbox
F tracedslide	F tovpack
F traverse	F unprotectglyph
F traversechar	F unprotectglyphs
F traversecontent	F unsetattribute
F traverseglyph	F unsetattributes
F traverseid	F untracedslide
F traverseitalic	F updatefirstandbotmark
F traverseleader	F updatefirstmarks
F traverselist	F updatemarks
F traversepossible	F updatetopmarks
T traversers	F usedlist
F alignrecord	F usesfont
F boundary	F verticalbreak
F char	F vianodes
F content	F vianuts
F dir	F vpack
F disc	F write
F glue	F xscaled
F glyph	F yscaled
F hlist	F packlist
F leader	D parcodes
F list	D penaltycodes
F mark	T plugindata
F next	F finalizer
F node	F initializer
F penalty	S name
F possible	F processor
F rule	F points
F unset	T pool
F vlist	F baselineskip
F whatsit	F cleanup
T treversers	F directliteral
F char	F glyph
F content	F hlist

F latelua	F setattribute
F leader	F setattrlist
F lineskip	F setboth
F literal	F setbox
F originliteral	F setboxtonaturalwd
F register	F setchar
F restore	F setfield
F save	F setfont
F savepos	F setleader
F setmatrix	F setlink
F stock	F setlist
F usage	F setnext
F usernode	F setprev
F vlist	F setproperty
F prepend	T shadows
F print	F handler
T processors	F set
F trace_glyph_run_a	T shifts
F trace_glyph_run_b	F handler
T properties	F set
T data	F showboxes
F pts	F showlist
D radicalcodes	F showsimplelist
T references	D skipcodes
N attribute	T snapshots
T done	F getsamples
F handler	F resetsamples
T stack	F takesample
F reheapack	F somepenalty
F remove	F somespace
F repackhlist	T specialskipcodes
F replace	F splitbox
F report	F startofpar
F rightmarginwidth	F stripdiscretionaries
D rulecodes	T stripping
T rules	T glyphs
F handler	F set
F process	D subtypes
F set	F tail
F userrule	F takeattr
F serialize	F takebox
F serializebox	T tasks
F serialized	F actions
F setattr	F appendaction

F disableaction	T nuts
F disablegroup	F rule
F enableaction	F resetproperties
F enablegroup	F rule
F freeze	F setlist
F freezegroup	F setproperties
F new	F start
F prependaction	T steppers
F removeaction	F check
F replaceaction	F codes
F restart	F features
F setaction	F font
F showactions	F glyphs
F table	F message
F tobasepoints	F messages
F tocentimeters	F nofsteps
F toceros	F register
F todidots	F reset
F todimen	F start
F toinches	F stop
F tomillimeters	F stop
F tonode	T transparencies
F tonodes	F reset
F tonut	F set
F topics	F setlist
F topoints	F traverse
F toscaledpoints	F traverseid
F tosequence	T typesetters
F tostring	F hbox
F totable	F hpack
F totree	F tohbox
F toutf	F tohpack
T tracers	F tonodes
T colors	F tovbox
F reset	F tovpack
F set	F vpack
F setlist	F unsetattribute
F directions	F upcomingproperties
F fontchar	F usedlist
T frequencies	F vianodes
F register	F vianuts
T pool	F visualizebox
T nodes	T visualizers
F rule	F attribute

T attributes	N mathkern
F box	N origin
F definelayer	N par
F enable	N penalty
T filters	N pglue
N cglue	N sglue
N ckern	N short
N continuation	N simple
N hglue	N simplehbox
N hkern	N simplevbox
N hpenalty	N simplevtop
N pglue	N space
N sglue	N strut
N short	N toddler
N toddler	N user
N vglue	N vbox
N vkern	N vglue
N vpenalty	N vkern
F getusedfont	N vpenalty
F handler	N vtop
F markfonts	N whatsit
T modes	F register
N boundary	F registercache
N cglue	F setfont
N ckern	F setlayer
N depth	F setruledglyph
N dir	F setvisual
N discretionary	F vpack
N expansion	D whatsitcodes
N fontkern	F write
N glue	T number
N glyph	F %
N hbox	F basepoints
N hglue	F bytetodecimal
N hkern	F compactfloat
N hpenalty	F decimaltobyte
N insert	D dimenfactors
N italic	F formatted
N kern	F formattedfloat
N line	F fractiontobyte
N marginkern	F idiv
N mark	N maxdimen
N math	F nopts
N mathglue	F nubasepoints

F nupoints	F abivalues
F percent	F getbuffer
F points	F initialize
F pts	F load
F signed	F newbuffer
F sparseexponent	F totable
F splitdimen	F types
F to16dot16	T ghostscript
F tobasepoints	F execute
F tobitstring	F initialize
F tocentimeters	T graphicsmagick
F tociceros	F execute
F tocontext	F getnoisetypes
F todidots	F initialize
F todimen	T hb
F toediths	F getshapers
F toevenhex	F getversion
F toinches	F initialize
F tomillimeters	F loadfont
F tonumberf	F shapestring
F tonumberg	T imagemagick
F topics	F execute
F topoints	F initialize
F toscaled	T kpse
F toscaledpoints	F expand_braces
F totoves	F expand_path
F valid	F expand_var
T objects	F find_file
T data	F find_files
F dimensions	F get_file_types
F found	F initialize
N n	F readable_file
F page	F set_program_name
F reference	F var_value
F register	T library
F restore	F load
T optional	T loaded
T curl	T lz4
F escape	F compress
F fetch	F decompresssize
F getversion	F framecompress
F initialize	F framedecompress
F unescape	F initialize
T foreign	T lzma

F compress	T zstd
F decompress	F compress
F initialize	F decompress
T lzo	F initialize
F compress	F optionalrequire
F decompresssize	T os
F initialize	F __getenv__
T mujs	F __setenv__
F dofile	S binsuffix
F execute	T binsuffixes
F initialize	N bits
F reset	F clock
F setclosefile	F converttime
F setconsole	F date
F setfindfile	F difftime
F setopenfile	F enableansi
F setreadfile	D env
F setseekfile	F execute
T mysql	F exit
F close	F fulltime
F execute	F getcodepage
F getmessage	F getenv
F initialize	F getnamevalues
F open	F gettimeofday
T openssl	F gettypevalues
F getversion	F getunamefields
F initialize	F isleapyear
F sign	F launch
F verify	S libsuffix
T postgres	F localtime
F close	S name
F execute	S newline
F getmessage	F nofdays
F initialize	F now
F open	F pipeto
T sqlite	S platform
F close	F remove
F execute	F rename
F getmessage	F resultof
F initialize	F runtime
F open	T selfarg
T zint	S selfbin
F execute	S selfcore
F initialize	S selfdir

S selflink	F lua extra list
S selfname	F lua variable format
S selfpath	F not loaded
F serialwrite	F path specification
F setenv	F preload table
F setexitcode	F qualified path
F setlocale	F reset loaded
F sleep	F registerpath
F startuptime	F report
F time	T sequence
F timezone	F showused
F tmpname	B trace
F today	B traceused
S type	F unload
F uname	F libpaths
F uuid	T loaded
F validate	B anch-loc
F weekday	B anch-pgr
F where	B anch-snc
F which	B back-exp
T package	B back-exp-imp-fnt
S config	B back-exp-imp-mth
S cpath	B back-exp-imp-ref
F extralibpath	B back-exp-imp-tag
F extralibpaths	B back-imp-lua
F extralupath	B back-imp-mps
F extralupaths	B back-imp-pdf
T helpers	B back-imp-pdp
T builtin	B back-inc
F path specification	B blob-ini
F preload table	B buff-imp-default
F cleanpath	B buff-imp-escaped
F loaded	B buff-imp-lua
F loadedaslib	B buff-imp-mp
F loadedbyformat	B buff-imp-nested
F loadedbyname	B buff-imp-parsed-xml
F loadedbypath	B buff-imp-tex
F lualibfile	B buff-imp-xml
T methods	B buff-ini
F all in one fallback	B buff-par
F already loaded	B buff-ver
F cpath specification	B char-enc
F lib extra list	B chem-ini
F lib variable format	B chem-str

B cldf-com	B font-imp-notused
B cldf-ver	B font-imp-properties
B colo-icc	B font-imp-quality
B colo-ini	B font-imp-reorder
B cont-run	B font-imp-scripts
B core-con	B font-imp-spacekerns
B core-ctx	B font-imp-tex
B core-dat	B font-imp-text
B core-sys	B font-imp-tracing
T curl	B font-imp-tweaks
F escape	B font-imp-unicode
F fetch	B font-ini
F getversion	B font-lig
S libfile	B font-log
S libpath	B font-lua
F unescape	B font-map
B driv-shp	B font-mpf
B file-mod	B font-mps
B file-syn	B font-nod
B font-afk	B font-ogr
B font-agl	B font-one
B font-aux	B font-onr
B font-cff	B font-osd
B font-chk	B font-ota
B font-cid	B font-otc
B font-col	B font-otd
B font-con	B font-oth
B font-ctx	B font-oti
B font-def	B font-otj
B font-dsp	B font-otl
B font-enc	B font-oto
B font-enh	B font-otr
B font-fbk	B font-ots
B font-fmp	B font-ott
B font-hsh	B font-oup
B font-imp-checks	B font-pat
B font-imp-combining	B font-prv
B font-imp-compound	B font-san
B font-imp-digits	B font-sel
B font-imp-dimensions	B font-shp
B font-imp-effects	B font-sol
B font-imp-italics	B font-syn
B font-imp-ligatures	B font-tfm
B font-imp-math	B font-tpk

B font-trt	B lpdf-epa
B font-ttf	B lpdf-epd
B font-txt	B lpdf-fix
B font-vcf	B lpdf-fix-imp-contents
B font-vir	B lpdf-fix-imp-fonts
B good-ctx	B lpdf-fld
B good-gen	B lpdf-fmt
B good-ini	B lpdf-grp
B good-mth	B lpdf-img
B grph-bmp	B lpdf-ini
B grph-con	B lpdf-lmt
B grph-epd	B lpdf-mis
B grph-fil	B lpdf-ren
B grph-img	B lpdf-rul
B grph-inc	B lpdf-sig
B grph-pat	B lpdf-tag
B grph-raw	B lpdf-u3d
B grph-rul	B lpdf-wid
B grph-trf	B lpdf-xmp
B grph-u3d	T ltn12
B java-ini	N BLOCKSIZE
T json	T filter
F load	F chain
F tojson	F cycle
F tolua	T pump
F tostring	F all
B lang-cnt	F step
B lang-def	F report
B lang-dis	T sink
B lang-hup	F chain
B lang-hyp	F error
B lang-ini	F file
B lang-lab	F null
B lang-rep	F simplify
B lang-tra	F table
B lang-txt	T source
B lang-url	F cat
B lang-wrd	F chain
B libs-imp-curl	F empty
B libs-imp-ghostscript	F error
B libs-imp-graphicsmagick	F file
B libs-ini	F rewind
B lpdf-ano	F simplify
B lpdf-col	F string

B lxml-css	B mlib-pdf
B lxml-dir	B mlib-pos
B lxml-ent	B mlib-pps
B lxml-ini	B mlib-ptr
B lxml-mms	B mlib-ran
B lxml-sor	B mlib-run
B lxml-tex	B mlib-scn
B math-act	B mlib-snc
B math-ali	B mlib-svg
B math-dim	B node-ali
B math-ext	B node-bck
B math-fbk	B node-fnt
B math-fnt	B node-par
B math-frc	B node-ref
B math-ini	B node-rul
B math-map	B node-tra
B math-mps	B node-typ
B math-noa	B pack-obj
B math-pre	B pack-ori
B math-rad	B pack-rul
B math-ren	B page-blk
B math-spa	B page-cst
B math-tag	B page-flt
B math-ttv	B page-ini
B math-txt	B page-inj
B math-vfu	B page-ins
B meta-blb	B page-lin
B meta-fnt	B page-mix
B meta-fun	B page-otr
B meta-imp-txt	B page-pst
B meta-ini	B page-sel
B meta-lua	B page-str
B meta-nod	T pdfdecode
B meta-pdf	T pdfe
B meta-tex	F arraytotable
B mlib-ctx	F close
B mlib-fio	F closestream
B mlib-int	F dictionarytotable
B mlib-lmp	F getarray
B mlib-lmt	F getboolean
B mlib-lua	F getbox
B mlib-mat	F getcatalog
B mlib-mpf	F getdictionary
B mlib-msh	F getencodingvalues

F getfieldtypes	F tocmyk
F getfromarray	F togray
F getfromdictionary	F tomask
F getfromobject	F transparentmask
F getfromreference	T posit
F getfromstream	F NaN
F getinfo	F NaR
F getinteger	F __add
F getmemoryusage	F __band
F getname	F __bor
F getnofobjects	F __bxor
F getnofpages	F __div
F getnumber	F __eq
F getobjectrange	F __le
F getpage	F __lt
F getpages	F __mul
F getpermissions	S __name
F getsize	F __pow
F getstatus	F __shl
F getstatusvalues	F __shr
F getstream	F __sub
F getstring	F __tostring
F gettrailer	F __unm
F getversion	F abs
F new	F acos
F open	F asin
F openfile	F atan
F openstream	F band
F pagestotable	F bor
F readfromstream	F bxor
F readwholestream	F ceil
F type	F conj
F unencrypt	F copy
B phys-dim	F cos
T pngdecode	F exp
F applyfilter	F exp2
F expand	F expand
F frompalette	F floor
F interlace	F frombyte
F makemask	F fromchar
F palettemask	F fromposit
F reduce	F integer
F setexperiment	F log
F splitmask	F log10

F log1p	B publ-jrn
F log2	B publ-oth
F logb	B publ-reg
F max	B publ-sor
F min	B publ-tra
F modf	B publ-usr
F new	T qrcodegen
F pow	F bitmap
F rotate	F generate
F round	B regi-ini
F rounded	B scrn-but
F shift	B scrn-fld
F sin	B scrn-hlp
F sqrt	B scrn-ini
F tan	B scrn-pag
F tobyte	B scrn-ref
F tochar	B scrn-wid
F tonumber	B scrp-cjk
F toposit	B scrp-eth
F toString	B scrp-ini
T potrace	B scrp-tha
F checked	B scrp-tib
F concat	T serial
F contourplot	F __gc
F convert	S __name
F count	F __toString
F flush	F close
F free	F open
F fromfile	F send
F getbitmap	F toString
F getnewfields	F write
F getpolicyvalues	T sha2
F getprocessfields	F HASH256
F new	F HASH384
F process	F HASH512
F setbitmap	F HEX256
F stripped	F HEX384
F totable	F HEX512
F trace	F digest256
B publ-aut	F digest384
B publ-dat	F digest512
B publ-fnd	F hash256
B publ-inc	F hash384
B publ-ini	F hash512

F hex256	F bind
F hex384	F choose
F hex512	F connect
F sum256	F connect4
F sum384	F connect6
F sum512	T dns
T sio	F getaddrinfo
F read2dot14	F gethostname
F readbytes	F getnameinfo
F readbytetable	F tohostname
F readcardinal1	F toip
F readcardinal1le	F gettime
F readcardinal2	T headers
F readcardinal2le	T canonic
F readcardinal3	S accept
F readcardinal3le	S accept-charset
F readcardinal4	S accept-encoding
F readcardinal4le	S accept-language
F readcardinaltable	S accept-ranges
F readcline	S action
F readcstring	S age
F readfixed2	S allow
F readfixed4	S alternate-recipient
F readinteger1	S arrival-date
F readinteger1le	S authorization
F readinteger2	S bcc
F readinteger2le	S cache-control
F readinteger3	S cc
F readinteger3le	S comments
F readinteger4	S connection
F readinteger4le	S content-description
F readintegertable	S content-disposition
F tocardinal1	S content-encoding
F tocardinal1le	S content-id
F tocardinal2	S content-language
F tocardinal2le	S content-length
F tocardinal3	S content-location
F tocardinal3le	S content-md5
F tocardinal4	S content-range
F tocardinal4le	S content-transfer-encoding
T socket	S content-type
N BLOCKSIZE	S cookie
N _SETSIZE	S date
N _SOCKETINVALID	S diagnostic-code

S dsn-gateway	S sender
S etag	S server
S expect	S smtp-remote-recipient
S expires	S status
S final-log-id	S subject
S final-recipient	S te
S from	S to
S host	S trailer
S if-match	S transfer-encoding
S if-modified-since	S upgrade
S if-none-match	S user-agent
S if-range	S vary
S if-unmodified-since	S via
S in-reply-to	S warning
S keywords	S will-retry-until
S last-attempt-date	S www-authenticate
S last-modified	S x-mailer
S location	F lower
S max-forwards	F normalize
S message-id	T http
S mime-version	N TIMEOUT
S original-envelope-id	S USERAGENT
S original-recipient	F genericform
S pragma	F open
S proxy-authenticate	F request
S proxy-authorization	F newtry
S range	F protect
S received	F report
S received-from-mta	F select
S references	F sink
S referer	T sinkt
S remote-mta	F close-when-done
S reply-to	F default
S reporting-mta	F http-chunked
S resent-bcc	F keep-open
S resent-cc	F skip
S resent-date	F sleep
S resent-from	F source
S resent-message-id	T sourcet
S resent-reply-to	F by-length
S resent-sender	F default
S resent-to	F http-chunked
S retry-after	F until-closed
S return-path	F tcp

F tcp4	F getexpandstate
F tcp6	F getfilestate
T tp	F getfontstate
N TIMEOUT	F gethalferrorlinestate
F connect	F gethashstate
F try	F gethyphenationstate
T url	F getinputstate
F absolute	F getinsertstate
F build	F getlanguagestate
F build_path	F getlinebreakstate
F escape	F getlookupstate
F parse	F getluastate
F parse_path	F getmarkstate
F unescape	F getmvlstate
B sort-ini	F getneststate
B sort-lan	F getnodestate
B spac-ali	F getparameterstate
B spac-brk	F getpoolstate
B spac-chr	F getreadstate
B spac-hor	F getsavestate
B spac-ovl	F getsparsestate
B spac-par	F getstringstate
B spac-pas	F gettexstate
B spac-prf	F gettokenstate
B spac-twi	F getwarningstate
B spac-ver	T iocodes
T sparse	F list
F concat	F resetmessages
F get	B strc-bkm
F max	B strc-blk
F min	B strc-con
F new	B strc-doc
F range	B strc-flt
F restore	B strc-ini
F set	B strc-itm
F traverse	B strc-lev
F wipe	B strc-lst
T status	B strc-mar
F getbalancestate	B strc-mat
F getbufferstate	B strc-not
F getcallbackstate	B strc-num
F getconstants	B strc-pag
F geterrorlinestate	B strc-ref
F geterrorstate	B strc-reg

B strc-rsc	F lower
B strc-syn	F match
B strc-tag	F nospaces
B strc-usr	F octtointeger
T string	F optionalquoted
F autodouble	F pack
F autosingle	F packrowscolumns
F booleanstring	F packsize
F byte	F quote
F bytepairs	F quoted
F bytes	F rep
F bytetable	F replacenewlines
F char	F reverse
F characterpairs	F split
F characters	F splitintolines
F checkedsplit	F splitlines
F chrtointeger	F splitup
F collapsespaces	F strip
F containsws	F sub
F count	F texhashed
F dectointeger	F texnewlines
F dump	F tformat
F escapedpattern	F toHEX
F escapedquotes	F toboolean
F f6	F tobytes
F find	F tocontext
F format	F todec
F formatter	F todimen
D formatters	F tohex
F fullstrip	F tonodes
F gmatch	F topattern
F gsub	F totable
T hashes	F tunicode16
T X00	F toutf
T spaces	F toutf16
F hextocharacters	F toutf32
F hextointeger	F toutf8
F is_boolean	F tracedchar
F is_empty	F unescapedquotes
F itself	F unpack
F len	F unquote
F limit	F unquoted
F linetable	F upper
F longtostring	F utf16toutf8

F utfcharacter	F is_simple_table
F utfcharacters	F keys
F utfcharacterstable	F load
F utflength	F loweredkeys
F utfpadd	F makeweak
F utfpadding	F merge
F utftabletostring	F merged
F utfvalue	F mirrored
F utfvalues	F move
F utfvaluetable	F pack
F valid	F prepend
F wordsplitter	F print
B symb-emj	F remove
B symb-ini	F reverse
B syst-cmp	F reversed
B tabl-ali	F save
B tabl-ntb	F sequenced
B tabl-tbl	F serialize
B tabl-xtb	F setmetatablecall
T table	F setmetatableindex
F append	F setmetatableindices
F are_equal	F setmetatablenewindex
F combine	F sort
F compact	F sorted
F concat	F sortedhash
F contains	F sortedhashkeys
F copy	F sortedhashonly
F count	F sortedindexonly
F create	F sortedkeys
F derive	F sortedpairs
F deserialize	F sparse
F fastcopy	F strip
F fastserialize	F sub
F filtered	F swapped
F flattened	F tocontext
F fromhash	F tocsv
F getn	F tofile
F has_one_entry	F tohandle
F hashed	F tohash
F identical	F toxml
F imerge	F unique
F imerged	F unpack
F insert	B task-ini
F is_empty	T tex

T amcode	D doublescriptoptioncodes
T attribute	F enableprimitives
F attributetracking	F error
D automigrationcodes	F expandasvalue
D autoparagraphcodes	D experiments
F badness	F extraprimitives
D badnessmodecodes	F fatalerror
F balance	D fillcodes
D balancecallbackcodes	D flagcodes
T boundaries	F fontidentifier
D names	F fontname
D numbers	F forcehmode
F system	F forceinputstatefile
T box	F forceinputstateline
D boxoptioncodes	F fprint
T boxresources	D frozenparcodes
F getbox	F get
F getdimensions	F getadjustoptionvalues
F save	F getalignmentcontextvalues
F use	F getamcode
D breakcodes	F getappendadjustcontextvalues
D buildcodes	F getappendmigratecontextvalues
T catcode	F getattribute
T cccode	F getautomigrationvalues
D charactercontrolcodes	F getautoparagraphvalues
D charactertagcodes	F getbadnessmodevalues
F chardef	F getbalancecallbackvalues
D classoptioncodes	F getbalanceparameterfields
T codes	F getbalanceresultfields
D conditionals	F getbalancestepoptionvalues
D constants	F getbox
T count	F getboxdir
F cprint	F getboxoptionvalues
N ctdcatcodes	F getboxresourcebox
N ctxcatcodes	F getboxresourcedimensions
F definefont	F getbreakcontextvalues
T delcode	F getbuildcontextvalues
T dimen	F getcardinalvalue
F dimensiondef	F getcatcode
D directioncodes	F getcccode
D directives	F getcharactercontrolvalues
D disoptioncodes	F getcharactertagvalues
D discpartcodes	F getcount
F dontcomplain	F getcurrentmvl

F getdelayedgluelocationvalues	F getinsertmultiplier
F getdelayedgluetargetvalues	F getinsertoptionvalues
F getdelcode	F getinsertsplitvalues
F getdelcodes	F getinsertwidth
F getdimen	F getintegervalue
F getdimensionvalue	F getinteraction
F getdirectionvalues	F getinteractionmodes
F getdiscoptionvalues	F getiovalues
F getdiscpartvalues	F getkerneloptionvalues
F getdoublescriptoptionvalues	F getkernoptionvalues
F getemptyparagraphmodevalues	F getlargestusedmark
F geterrorrecoverymodevalues	F getlccode
F geterrorvalues	F getlinebreakparameterfields
F getfillvalues	F getlinebreakresultfields
F getflagvalues	F getlinebreakstatevalues
F getfloat	F getlinedir
F getfontdimension	F getlist
F getfontoffamily	F getlistanchorvalues
F getfrozenparvalues	F getlistfields
F getglue	F getlistgeometryvalues
F getglueoptionvalues	F getlistsignvalues
F getglyphdata	F getlocalbox
F getglyphdiscvalues	F getlocalboxlocations
F getglyphoptionvalues	F getlocallevel
F getglyphprotectionvalues	F getmark
F getglyphscales	F getmarknames
F getglyphscript	F getmath
F getglyphstate	F getmathclassoptionvalues
F getgroupvalues	F getmathcode
F gethccode	F getmathcodes
F gethelptext	F getmathcontrolvalues
F gethmcode	F getmathdir
F gethyphenationvalues	F getmathgluevalues
F getiftypes	F getmathoptionvalues
F getinputstatefile	F getmathparametervalues
F getinputstateline	F getmathscriptordervalue
F getinputstatemode	F getmathscriptsmodevalues
F getinsertcategoryvalues	F getmathstylenamevalues
F getinsertcontent	F getmathstylevalues
F getinsertdepth	F getmathstylevariant
F getinsertdistance	F getmathsurroundvalues
F getinsertheight	F getmathvariantpresets
F getinsertlimit	F getmathvariantvalues
F getinsertmaxplaced	F getmeasure

F getmissingcharactervalues	F getsrcode
F getmode	F getspecialmathclassvalues
F getmodevalues	F getspecification
F getmuglue	F getspecificationoptionvalues
F getmuskip	F gettextcontrolvalues
F getmvloptionvalues	F gettextdir
F getnest	F gettoks
F getnestfields	F getuccode
F getnestlevel	F getuleaderlocationvalues
F getnoadoptionvalues	F getunitclassvalues
F getnormalizelinevalues	F getusedmarks
F getnormalizeparvalues	F getvsplitcontextvalues
F getnospacesmodevalues	T glue
F getoutputactive	D glueoptioncodes
F getpacktypevalues	D glyphdiscodes
F getpagecontextvalues	D glyphoptioncodes
F getpagestate	D groupcodes
F getpagestatevalues	F hashtokens
F getparagraphfillmodevalues	T hccode
F getparagraphoptionvalues	T hmcode
F getparametermodevalues	N hshcatcodes
F getparcontextvalues	D hyphenationcodes
F getpardataspecifications	D ifs
F getpardir	N inicatcodes
F getparmodevalues	D insertcategorycodes
F getparstate	D insertoptioncodes
F getparstatefields	D insertsplitcodes
F getpartriggervalue	F integerdef
F getpenaltyoptionvalues	D interactioncodes
F getpositvalue	F isattribute
F getprepoststatevalues	F isbox
F getprimitivelegacies	F iscount
F getprimitiveorigins	F isdefined
F getprotrusionboundaryvalues	F isdimen
F getregisterindex	F isfloat
F getruleoptionvalues	F isglue
F getrunstate	F ismuglue
F getrunstatevalues	F ismuskip
F getsrcode	F isprintable
F getshapingpenaltiesvalues	F isskip
F getskip	F istoks
F getsnappingvalues	F lastnodetype
F getspacefactorvalues	T lccode
F getspacevalues	F linebreak

D linebreakstatecodes	N maxdimenregisterindex
D listanchorcodes	N maxdimension
D listgeometrycodes	N maxdimensionregisterindex
T lists	N maxendlinecharacter
D listsigncodes	N maxfloatregisterindex
N luacatcodes	N maxfontadjustshrinkfactor
T magicconstants	N maxfontadjuststep
S activecharacternamespace	N maxfontadjuststretchfactor
N allfitnessvalues	N maxfunctionreference
N assumedmathcontrol	N maxglueregisterindex
N awfulbad	N maxhalfvalue
N decentcriterion	N maxhalfword
N defaultcatcodetable	N maxinteger
N defaultcharactercontrol	N maxintegerregisterindex
N defaultdeadcycles	N maxintregisterindex
N defaulteqnogapstep	N maxlimitedscale
N defaulthangafter	N maxmarkindex
N defaultoutputbox	N maxmathclasscode
N defaultpdisplaygap	N maxmathfamilyindex
N defaultrule	N maxmathscalingfactor
N defaultspacefactor	N maxmathstylescale
N defaulttolerance	N maxmuglueregisterindex
N deplorable	N maxmvlindex
N ejectpenalty	N maxnewlinecharacter
N ignoreddepth	N maxnofbytecodes
N infinitebad	N maxnofcatcodetables
N infinitepenalty	N maxnoffitnessvalues
N infinity	N maxnoffonts
N largewidthexcess	N maxnoflanguages
N loosecriterion	N maxnofmarks
N mathallclass	N maxnofmathfamilies
N mathbeginclass	N maxquarterword
N mathdefaultpenalty	N maxscalefactor
N mathendclass	N maxsizeofword
N mathfirstuserclass	N maxspacefactor
N mathlastuserclass	N maxtoksregisterindex
N maxattributeregisterindex	N maxtwinlength
N maxboxregisterindex	N mincardinal
N maxbytecodeindex	N mindatavalue
N maxcalculatedbadness	N mindimen
N maxcardinal	N mindimension
N maxcharactercode	N minhalfword
N maxdatavalue	N mininfinity
N maxdimen	N mininteger

N minmvlindex	T nest
N minnoffitnessvalues	N nilcatcodes
N minquarterword	D noadoptioncodes
N minscalefactor	D normalizelinecodes
N minspacefactor	D normalizeparcodes
N nocatcodetable	D nospacesmodecodes
N null	N notcatcodes
N nullflag	F number
N nullfont	F overloadpermitted
N onebp	D paragraphfillmodecodes
N presetrulethickness	D paragraphoptioncodes
N runningrule	D parcontextcodes
N smallstretchability	D partriggercodes
N specialspacefactor	D penaltyoptioncodes
N texeqtbsize	F poplocal
N texhashprime	F popsavelevel
N texhashsize	T posit
N texmemorymode	F positdef
N two	F preparelinebreak
N undefinedmathparameter	F primitives
N unity	F print
N unusedattributevalue	D protrusionboundarycodes
N unusedmathfamily	N prtcatcodes
N unusedmathstyle	F pushlocal
N unusedscriptvalue	F pushesavelevel
N unusedstatevalue	F quitlocal
N zeroglue	F quittoks
F mathchardef	F resetparagraph
T mathcode	N rlnatcodes
D mathcontrolcodes	F romannumeral
D mathoptioncodes	F round
D mathparametercodes	D ruleoptioncodes
D mathscriptordercodes	F runlocal
D mathscriptsmodecodes	D runstatecodes
T modelevels	F runstring
N horizontal	F runtoks
N math	F saveboxresource
N unset	F scale
N vertical	F scantoks
D modes	F set
F mprint	F setamcode
T muglue	F setattribute
T muskip	F setbalanceshape
D mvloptioncodes	F setbox

F setboxdir	F setuccode
F setcardinalvalue	T sfcode
F setcatcode	D shapingpenaltiescodes
F setcccode	F shiftparshape
F setconditional	F shipout
F setcount	F showcontext
F setdelcode	T skip
F setdimen	D snappingcodes
F setdimensionvalue	F snapshotpar
F setfloat	F sp
F setglue	D spacefactorcodes
F setglyphdata	D spaceskipcodes
F setglyphscript	D specialmathclasscodes
F setglyphstate	D specificationoptioncodes
F sethccode	F splitbox
F sethmcode	D splitcodes
F setinputstatefile	F sprint
F setinputstateline	F stringtocodesbitmap
F setinputstatemode	D systemmodes
F setinsertcontent	F takebox
F setinsertdistance	N texcatcodes
F setinsertlimit	D textcontrolcodes
F setinsertmaxplaced	T toks
F setinsertmultiplier	F tonumber
F setintegervalue	F toscaled
F setinteraction	N tpacatcodes
F setlccode	N tpbcacatcodes
F setlinedir	F tprint
F setlist	F trackedattribute
F setlocalbox	D trackers
F setmath	F triggerbuildpage
F setmathcode	N txtcatcodes
F setmathdir	T uccode
F setmuglue	F uprint
F setmuskip	F useboxresource
F setnest	D userdiscoptioncodes
F setpardir	D userglyphoptioncodes
F setpositvalue	N vrbcatcodes
F setrunstate	F write
F setsfcode	T texio
F setskip	F closeinput
F setspcode	F forceendoffile
F settexdir	F getinputindex
F settoks	F getselectorvalues

F getsourcefilename	F getcmdname
F setlogfile	F getcommand
F terminal	F getcommandvalues
F write	F getconstant
F write_nl	F getcsname
F writenl	F getcstoken
F writeselector	F getdimension
F writeselectorlf	F getexpandable
F writeselectornl	F getexpansion
T token	F getfields
F create	F getflags
F expand	F getfrozen
F expand_macro	F getfunctionvalues
F expandmacro	F getid
F future_expand	F getimmutable
F futureexpand	F getindex
F get_active	F getinstance
F get_cmdchracs	F getinteger
F get_cmdname	F getlength
F get_command	F getmacro
F get_csname	F getmeaning
F get_cstoken	F getnoaligned
F get_dimension	F getparameters
F get_expandable	F getpermanent
F get_fields	F getprimitive
F get_flags	F getprimitives
F get_frozen	F getprotected
F get_id	F getrange
F get_immutable	F gettok
F get_index	F gettolerant
F get_instance	F gobble
F get_integer	F gobble_dimension
F get_macro	F gobble_integer
F get_meaning	F gobbledimension
F get_noaligned	F gobbleinteger
F get_parameters	F grab
F get_permanent	F grabstring
F get_primitive	F inhibit
F get_protected	F is_defined
F get_range	F is_next_char
F get_tok	F is_token
F get_tolerant	F isactivestring
F getactive	F isdefined
F getcmdchracs	F isnextchar

F istoken	F scan_skip
F locatemacro	F scan_string
F new	F scan_token
F peek_next	F scan_token_code
F peek_next_char	F scan_tokenlist
F peek_next_expanded	F scan_toks
F peeknext	F scan_value
F peeknextchar	F scan_word
F peeknextexpanded	F scanargument
F pop_macro	F scanbox
F popmacro	F scancardinal
F push_macro	F scanchar
F pushmacro	F scancmdchr
F put_back	F scancmdchrexploded
F put_next	F scancode
F putback	F scancsname
F putnext	F scancstoken
F save_lua	F scandelimited
F savelua	F scandetokened
F scan_argument	F scandimen
F scan_box	F scandimenargument
F scan_cardinal	F scandimension
F scan_char	F scandimensionargument
F scan_cmdchr	F scanfloat
F scan_cmdchr_expanded	F scanglue
F scan_code	F scanint
F scan_csname	F scaninteger
F scan_delimited	F scanintegerargument
F scan_dimen	F scankey
F scan_float	F scankeyword
F scan_glue	F scankeywordcs
F scan_integer	F scanletters
F scan_key	F scanluacardinal
F scan_keyword	F scanluainteger
F scan_keyword_cs	F scanluanumber
F scan_letters	F scannext
F scan_luacardinal	F scannextchar
F scan_luainteger	F scannextexpanded
F scan_luanumber	F scanposit
F scan_next	F scanreal
F scan_next_char	F scanscale
F scan_next_expanded	F scanskip
F scan_real	F scanstring
F scan_scale	F scantoken

F scantokencode	B typo-fln
F scantokenlist	B typo-hid
F scantokenstring	B typo-inj
F scantoks	B typo-itc
F scanvalue	B typo-krn
F scanword	B typo-lan
F serialize	B typo-lbx
F set_dimension	B typo-man
F set_integer	B typo-mar
F set_lua	B typo-ovl
F set_macro	B typo-pag
F setdimension	B typo-par
F setinteger	B typo-pnc
F setlua	B typo-prc
F setmacro	B typo-rep
F setmacrofrommark	B typo-rub
F setmacrotonothing	B typo-spa
F skip_next	B typo-stc
F skip_next_expanded	B typo-sus
F skipnext	B typo-syn
F skipnextexpanded	B typo-tal
F type	B typo-wrp
F undefine_macro	B unic-ini
F undefinemacro	T utf8
B trac-bld	F char
B trac-jus	S charpattern
B trac-par	F codepoint
B trac-riv	F codes
B trac-sig	F len
B trac-vis	F offset
B type-ini	T vector
B typo-adj	F add
B typo-bld	F append
B typo-brk	F average
B typo-cap	F ceiling
B typo-chr	F checkoverlap
B typo-cln	F collectoverlap
B typo-dha	F concat
B typo-dif	T contour
B typo-dig	F average
B typo-dir	F bounds
B typo-drp	F checkoverlap
B typo-duc	F collectoverlap
B typo-fkr	F getarea

F getmesh	F totable
F makemesh	F type
F overlapping	F meshname
F show	F mul
F sort	F negate
F copy	F new
F crossproduct	F normalize
F delete	F onecolumn
F determinant	F onerow
F div	F product
F equal	F remove
F exchange	F replace
F floor	F round
F get	F rowechelon
F getdimensions	F set
F getepsilon	F setepsilon
F getmesh	F setnext
F getrc	F setrc
F getrow	F setstacking
F getstacking	F slice
F gettype	F sort
T helpers	F sub
F points	F swap
F transform	F tostring
F xrotation	F totable
F xyzscale	F transpose
F yrotation	F triangulate
F zrotation	F truncate
F homogenize	F type
F identity	T xcomplex
F inner	F I
F insert	F __add
F inverse	F __div
F ismesh	F __eq
F issingular	F __mul
F isvector	S __name
F iszero	F __pow
T mesh	F __sub
F get	F __tostring
F getdimensions	F __unm
F ismesh	F abs
F new	F acos
F set	F acosh
F tostring	F arg

F asin	F __shl
F asinh	F __shr
F atan	F __sub
F atanh	F __tostring
F conj	F __unm
F cos	F abs
F cosh	F band
F dawson	F bor
F erf	F bxor
F erfc	F conj
F erfcx	F copy
F erfi	F exp
F exp	F getprecision
F i	F ln
F imag	F log
F log	F max
F new	F min
F pow	F minus
F proj	F new
F real	F plus
F sin	F pow
F sinh	F rotate
F sqrt	F setprecision
F tan	F shift
F tanh	F sqrt
F topair	F toengstring
F tostring	F tonumber
F totable	F tostring
F voigt	F trim
F voigt_hwhm	T xmath
T xdecimal	F acos
F __add	F acosh
F __band	F asin
F __bor	F asinh
F __bxor	F atan
F __div	F atan2
F __eq	F atanh
F __idiv	F cbrt
F __le	F ceil
F __lt	F copysign
F __mod	F cos
F __mul	F cosh
S __name	F deg
F __pow	F erf

F erfc	F tanh
F exp	F tgamma
F exp2	F trunc
F expm1	F y0
F fabs	F y1
F fdim	F yn
F floor	T xzip
F fma	F adler32
F fmax	F compress
F fmin	F compresssize
F fmod	F crc32
F frexp	F decompress
F gamma	F decompresssize
F hypot	T loaders
N inf	F loadlib
F isfinite	F luapaths
F isinf	S path
F isnan	F poplibpath
F isnormal	F popluapath
F j0	T preload
F j1	F pushlibpath
F jn	F pushluapath
F ldexp	F searchpath
F lgamma	T pagebuilders
F log	T columnsets
F log10	F add
F log1p	F addmvl
F log2	F block
F logb	F blockrows
F modf	F check
N nan	F checkmvl
F nearbyint	F clean
F nextafter	T data
N pi	F define
F pow	F definesub
F rad	F delayedsheet
F remainder	F finishflush
F remquo	F flushareas
F round	F flushcolumn
F scalbn	F goto
F sin	F gotoslot
F sinh	F limit
F sqrt	F noto
F tan	F prepareflush

F presetsheets	F registerunit
F presetspreadsheets	D tables
F put	F print
F putdirect	T publications
F registerarea	F addtexentry
F registersheet	F analyze
F registerspreadsheets	F anywhere
F reset	D authorcache
F resetdirect	D authorcollapsers
F reshape	T authorhashers
F setarea	F invertedshort
F setextra	F normal
F sethsize	F normalinverted
F setspan	F normalshort
F setlines	F sequential
F setmvl	F sequentialshort
F setpresent	F short
F setproperties	D authormap
F setstart	F authortoregister
F shape	T btx
F showshape	T casters
F state	F author
F status	F keyword
F submvl	F pagenumber
F submvlbalance	F range
T injections	F checkeddataset
F flushafter	T citevariants
F flushbefore	F author
F save	F authornum
T mixedcolumns	F authoryear
F cleanup	F authoryears
F finalize	F category
F getlist	F default
F getrest	F entry
F getsplit	F index
F setsplit	F keywords
F pairs	F num
T parametersets	F page
F pcall	F short
T pdf	F tag
F immediateobj	F textnum
T physics	F year
T units	D collected
F registershortcut	T components

F author	T author
F concatstate	T editionset
F converttoxml	T virtual
T currentspecification	T demo-a
S author	S category
T categories	T extra
T article	T fields
S category	S author
T extra	S institution
T fields	S organization
S author	S subtitle
S editor	S title
S journal	S year
S keywords	T optional
S note	T required
S number	T sets
S pages	T author
S title	T virtual
S volume	T demo-b
S year	S category
T optional	T extra
T required	T fields
T sets	S author
T author	S institution
T virtual	S organization
T book	S subtitle
S category	S title
T extra	S year
T fields	T optional
S address	T required
S author	T sets
S edition	T authors
S editor	T virtual
S keywords	S comment
S note	S copyright
S number	T fields
S publisher	S name
S subtitle	T types
S title	S author
S volume	S editor
S year	S keywords
T optional	S number
T required	S page
T sets	S pages

S volume	F save
S version	F lastofrange
D virtual	T lists
T virtualfields	F collectentries
B authornum	F combiinlist
B authoryear	F fetchentries
B authoryears	F filterall
B num	F flushcombi
B suffix	F flushentry
T datasets	F flushtag
T detailed	T methods
F endnotes_to_btx	F dataset
T enhancer	F force
S arguments	F global
T askip	F label
T attr	F local
B dirty	F nofregistered
T gskip	F prepareentries
T kind	F register
T list	F sameasprevious
T system	T sorters
T order	F cite
N steps	F dataset
T enhancers	F default
F details	F index
F order	F list
F suffixes	F reference
F finder	F short
F firstofrange	F used
F found	F uservariable
F get	T listvariants
F getcasted	F default
F getdetail	F index
F getdirect	F num
F getfaster	F short
F getfield	F tag
F getfuzzy	F load
F getindex	F loadbibdata
D inspectors	F loaddefinitionfile
T journals	T loaders
F abbreviated	F bbl
F add	F bib
F expanded	F buffer
F load	F endnote

F json	D origins
F lua	D privates
F refman	D sets
F registercleaner	D specials
F xml	D types
F loadreplacementfile	D virtuals
T meanings	F tags
F new	T tracers
F okay	F showdatasetauthors
F oneorange	F showdatasetcompleteness
F parenttag	F showdatasetfields
F permitted	F showentry
F prerollcmdstring	F showfields
F refman_to_btx	F showhashedauthors
F resolvedname	F showtables
F save	F showvariants
T savers	T typesetters
F bib	F author
F lua	F string
F xml	F usedataset
F search	F usedentries
F setcategory	T writers
F setspecification	F author
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F readcardinal3le	U collapse
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F readcardinaltable	U prune and collapse
F readchar	U prune and no empty
F readcline	U prune and to space
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F readinteger1	F tabtospace
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F readinteger4	F insertaftervalue
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F closearchive	F parsedxml
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F list	F registerescapeline
F pack	F registerescapepattern
F unpack	S signal
F openarchive	U signalpattern
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F fetch	F visualizebuffer
F hash	F visualizefile
F list	F visualizestring
F pack	F write
F unpack	F writeargument
T strings	F writedefault
F fetch	F writeemptyline
F hash	F writenewline
F list	F writespace
F pack	F warn
F unpack	T xml
T templates	F addentitiesdoctype
F load	F addspecialcode
F replace	F after
F replacer	F all
F resolve	F applylpath
T zipfiles	F applyselector
F close	F assign
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F hash	F badinclusions
F list	F before
F open	F body
F unzip	T builtinentities
F unzipdir	B amp
F zipdir	B apos
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F getvisualizer	F cdata
F load	F cdatatotext
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F makepattern	F checkedempty
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F newhandler	F checknamespace

F checkns	F empty
F cleansed	D entities
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F collect_elements	F errorhandler
F collect_tags	F escaped
F collect_texts	F expand
F collected	T expressions
F collecttexts	F attribute
F compactelement	F boolean
F content	F child
F convert	F contains
F copy	F count
F count	F error
F cprint	F find
T css	F hasclass
F applyselector	F idstring
F colorspecification	F lower
F dimension	F name
F family	F number
F fontspecification	F oneof
F mappedstylevalue	F print
F padding	F quit
F size	F tag
F style	F text
F stylevalue	F undefined
F todimension	F upper
F variant	F fillin
F weight	F filter
T defaulthandlers	T finalizers
D file	F paragraphs
D parsedxml	T tex
D string	F all
D tex	F attribute
D texline	F chainattribute
D texspace	F chainpath
D verbose	F collapsed
S defaultprotocol	F command
F delete	F concat
F delete_element	F concatrange
F despecialized	F context
F each	F count
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F first	F text
F function	F texts
F index	F tomacro
F last	F upperall
F lettered	F url
F lower	F first
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F name	F classes
F param	F hasclass
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F tag	F recursetext
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F url	F inheritattributes
F xml	F inheritedconvert
T xml	F inject
F all	F inject_element
F att	F inject_element_after
F attribute	F inject_element_before
F attributes	F injectafter
F cdata	F injectbefore
F chainattribute	F insert
F count	F insert_element
F default	F insert_element_after
F elements	F insert_element_before
F empty	F insertafter
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F verbose	F registerentity
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T obsolete	F remap_namespace
F collect_elements	F remap_tag
F collect_texts	F remapname
F delete_element	F remapnamespace
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F inject_element_after	F renamespace
F inject_element_before	U reparsedentitylpeg
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F insert_element_before	F replace_element
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F remap_name	F root
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F remap_tag	F selection
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F package	F setcdata
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F tex	F settings
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F setconstant
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F noflines
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F hyphenation
F hyphenationmin
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 F serializediscretionary
 F setexceptions
 F setgoodieshandler
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 F make
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 F print
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 F flush
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 F new
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F poptarget
 F pushlogfile
 F pushtarget
 F registerfinalactions
 F report
 F reporter
 F resetlogfile
 F setformats
 F setformatters
 F setlogfile
 F setmessenger
 F setprocessor
 F settarget
 F settimedlog
 F settranslations
 F show
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 F start_run
 F starterrorlogging
 F startfilelogging
 F status
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 F stoperrorlogging
 F stopfilelogging
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 F texerrormessage
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 F addtocatalog
 F addtoinfo
 F addtonames
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 F addtopageresources
 F addtopagesattributes
 F addxmpinfo
 F annotationspecification
 F array

F attachmentsymbols	D formats
F boolean	F frombytes
F border	F fromeight
F checkedkey	F frompdfdoc
F checkedresources	F fromsixteen
F checkedvalue	F getcatalog
F circularshade	F getcompression
F close	F getfontname
F cmykcode	F getfontobjectnumber
F collectedresources	F getformatoption
F color	F getinfo
F colorspace	F getmatrix
D colorspaceconstants	F getnofpages
F colorspec	F getpageproperties
F colorvalue	F getpagereference
F colorvalues	F getpagetags
F commentsymbols	F getpos
F compressdata	F gettaggingstatus
F compresslevel	F gettrailerid
F constant	F getversion
F copyarray	F getxformname
F copyboolean	F graycode
F copyconstant	F hasmatrix
F copydictionary	F immediateobject
F copyfloat	F includeimage
F copyinteger	F initialize
F copynumber	F injectxmpinfo
F copystring	F insertxmpinfo
F copyunicode	F lastreferredpage
F deferredobject	F layerreference
F delayedobject	F limited
F destinationspecification	F linearshade
F dictionary	F literal
F docstring	F majorversion
F escaped	F makenametree
F finalizeddocument	F minorversion
F finalizepage	F nofontregistries
F finalizesignature	F nopages
F finishtransparencycode	F null
F flushfonts	F number
F flushgroup	F object
F flushobject	F objectcompresslevel
F flushstreamfileobject	F pagereference
F flushstreamobject	F patternstream

F pdfcolor
 F pdftimestamp
 F preparesignature
 F print
 F procset
 B protectresources
 F quads
 F rectangle
 F reference
 F registerannotation
 F registerdestination
 F registerdocumentfinalizer
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 F registerinitializer
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 F registerpattern
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 F replacexmpinfo
 F reserveobject
 F rgbcode
 F rotationcm
 F setcompression
 F setencryption
 F setpageorder
 F setpagestate
 F setpagetag
 F setutfstringmode
 F setversion
 F sharedobject
 F shareobject
 F shareobjectreference
 F splitsixteen
 F spotcode
 F stream
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 F supportedformats
 F tocidset
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 F topdfdoc
 F topermissions
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 F transparency
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F B
 F C
 F Carg
 F Cb
 F Cc
 F Cf
 F Cg
 F Cmt
 F Cp
 F Cs
 F Ct
 F P
 F R
 F S
 F UP
 F UR
 F US
 F V
 F afterprefix
 F anywhere
 F append
 F balancer
 F beforesuffix
 F checkedsplit
 F containsws
 F counter
 F endstripper
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 F firstofsplit
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 F instringchecker
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 F keeper
 F locale
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- F replacer
- F secondofsplit
- F setmaxstack
- F setutfcasers
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- F splitter
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- F times
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- F tsplitter
- F type
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- F addnibble
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- F callbytecode
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- F finalizeinitex
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- F getallkeys
- F getbytecode
- F getcheckedkeys
- F getcurrenttime
- F getdebuginfo
- F getexitcode
- F getfunctionstable
- F getnibble
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- F getstacktop
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- F getstringkeys
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- F abort
- F cleanup
- F cleanuptempfiles
- F currentfile
- F currentlevel
- F currenttotal
- F poprunstate
- F pushrunstate
- F registerdumpactions
- F registerpageactions
- F registerstartactions
- F registerstopactions
- F registertempfile
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- F addindex
- F all
- F applyfunction
- F applyselectors
- F att
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- F badinclusions
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- F checkindex
- F collected
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F concat	F last
F concatrange	F lastatt
F content	F lastmatch
F context	F lastpar
F convert	F load
F count	F loadbuffer
F delete	F loaddata
F depth	F main
F direct	F match
F displayverbatim	F name
F doif	F namespace
F doifelse	F nonspace
F doifelseempty	F par
F doifelsestext	F param
F doifempty	F parameter
F doifnot	F path
F doifnotempty	F popmatch
F doifnottext	F pos
F doiftext	F position
F element	F pure
F elements	F pushmatch
D entities	F raw
F fileline	F rawroot
F filename	F rawtex
F filter	F refatt
F filterlist	F register
F first	F registerentity
F flush	F removesetup
F flushlinewise	F replace
F flushsetups	F resetcdata
F flushspacewise	F resetsetups
F get_id	F resolvedentity
F getid	F root
F getindex	F save
F id	F serialize
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F ifatt	F setatt
F ifattempty	F setattribute
F include	F setcdata
F inclusion	F setcommandtonone
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F index	F setpar
F inlineverbatim	F setparam
F installsetup	F setparameter

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F snippet
F splitid
F startraw
F startunesaped
F stopraw
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F familyname	F utfmathclass	
F functiontype	F utfmathcommand	
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F getblobindex	F utfmathstretch	
F getboth	F variantcode	
F getdomainname	F variantcount	
F getextensibledata	F virtualize	
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F gettextblob	F dec	
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F horizontalcode	F sum	
F initializeparameters	F sumHEXA	
F makefont	F sumhexa	
D mapremap	metapost	table
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F preset	F cm	
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F syncname	F getbendtolerance	
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F toname	F getextensions	
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F tweakaftercopyingfont	F gethashentries	
F tweakbeforecopyingfont	F getinstancebyname	
F utfmathaccent	F getinstanceinfo	

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F	getjobdata	F	remappedtext
F	getmovetolerance	F	remaptext
F	getparameter	F	reporterror
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F	getrecord	F	resetbackendoptions
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F	gettext	F	resetplugins
F	gettolerance	F	run
F	graphic	F	runinternal
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F	hascurvature	F	scanparameters
F	includesvgbuffer	F	scriptindex
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F	isobject	F	setextensions
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F	load	F	setmovetolerance
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F	nvformat	F	setvariable
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F	pluginactions	F	showsvgpage
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F untagvariable		D chem-ini
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F b64		D cldf-com
F decode		D cldf-ver
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F encode		D colo-ini
F eol		D cont-run
F normalize		D core-con
F qp		D core-ctx
F qpwrp		D core-dat
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D anch-snc		D font-col
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D back-exp-imp-mth		D font-def
D back-exp-imp-ref		D font-dsp
D back-exp-imp-tag		D font-enc
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D back-imp-mps		D font-fbk
D back-imp-pdf		D font-fmp
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D font-imp-math	D font-tpk
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D font-imp-properties	D font-ttf
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F getflags	F popmacro
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F exp
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F __shl
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F __tostring
F __unm
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F bxor	F fmax
F conj	F fmin
F copy	F fmod
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F log	N inf
F max	F isfinite
F min	F isinf
F minus	F isnan
F new	F isnormal
F plus	F j0
F pow	F j1
F rotate	F jn
F setprecision	F ldexp
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F ceil	F round
F copysign	F scalbn
F cos	F sin
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F getctxlua		S base
F getlines		F collapsecontent
F getmkvi		F configfiles
F gettex		F contentstate
F loadcontent		F getfirstreadablefile
F prepend		F getreadablepaths
F raw		F getwritablepath
F run		F hashed
F samplefile		F is_writable
F splitsamplefile		F loadcontent
F undent		F loaddata
builders	table	S more
F checkparcontext		F savecontent
F checksidefloat		F savedata
F parpassidentifier		F setfirstwritablefile
D passnames		F setluanames
F registerpaspasscallback		F treehash
bytemap	table	F usedpaths
F bounds		callback
F clip		F find
F copy		F getindex
F dimensions		F getoptions
F domain		F getoptionvalues

F getstate		F emojiized
F getstatevalues		D encodes
F known		D entities
F list		D fallbacks
F names		D filters
F register		F fromnumber
F setoptions		D fschars
F setstate		D fscodes
F testonly		F getrange
F usage		D graphemes
callbacks	table	D hangul
F freeze		F initialize
F getcomment		D is_character
F getstates		D is_command
F known		D is_hyphenator
F optimizer		D is_letter
F pop		D is_mark
F push		D is_nothing
F register		D is_punctuation
F report		D is_spacing
catcodes	table	D is_symbol
D names		D lcchars
D numbers		F lccode
F register		D lccodes
characterkern	function	F lettered
characters	table	D lhash
F addcharacternames		D linebreaks
F adobename		F lower
D bidi		D mathlists
F blockrange		D otfscripts
D blocks		D ranges
D can_have_space		F registerentities
D categories		F remap_hangul_syllabe
F category		F setactivecatcodes
D categorytags		F setlettercatcodes
D collapsed		F setothercatcodes
D combined		F shape
F contextname		F shaped
D csletters		D shash
D data		D shchars
D decomposed		D shcodes
F description		F showstring
D descriptions		D specialchars
D detailtags		D specials

D synonyms
F tonumber
D ucchars
F uccode
D uccodes
D uhash
F unicodechar
F upper
D verbosemarks

chemistry table

F component
F define
D definitions
S format
F inlinechemical
S instance
S method
F molecule
U moleculeparser
F start
F stop
F undefine

collectgarbage function

commands table

F Alphabetic
F MPLIBconvertfollowtext
F MPLIBconvertoutlinetext
F MPc
F MPd
F MPfromhash
F MPH
F MPll
F MPlr
F MPls
F MPn
F MPp
F MPpardata
F MPplus
F MPpos
F MPr
F MPrest
F MPrs
F MPul
F MPur

F MPw
F MPwhd
F MPx
F MPxy
F MPxywhd
F MPy
F Romannumerals
F actualday
F actualmonth
F actualyear
F adaptfontfeature
F adaptivecheckbox
F addbtentry
F addcounter
F adddefaultsuffix
F addfeature
F addfontpath
F addgrapheme
F addlinenumbers
F addlinklistelement
F addressplacements
F addressplacementslist
F addrivers
F addtocolumnset
F addtocolumnsetmvl
F addtojavascriptpreamble
F addtolist
F align_point_delta
F allinputpaths
F alphabetic
F analysefloatmethod
F analyzeitemgroup
F analyzelist
F analyzelocalanchors
F analyzeregister
F analyzerotate
F analyzeupcomingitemgroup
F applypattern
F applytoibox
F applytofirstcharacter
F arraycompare
F arrayequals
F arraymaxvalue
F arrayminvalue

F arraysize	F boxlinels
F arrayvalue	F boxlinemaxdp
F ascender	F boxlinemaxht
F askedreference	F boxlinemaxwd
F assignbuffer	F boxlinend
F async	F boxlinenh
F attachinsertion	F boxlinenw
F attachinsertions	F boxlinerh
F atwordboundary	F boxlinerp
F autofinishstructurelevels	F boxliners
F autoinsertnextspace	F boxlines
F automigrationcodestring	F boxlinewd
F autonextstructurelevel	F boxoptioncodestring
F autorule	F boxrangedp
F autosetups	F boxrangeht
F autostarttext	F boxrangewd
F autostoptext	F boxtostring
F badnessmodecodestring	F bposcolumn
F balanceshapeextra	F bposcolumnregistered
F benchmarktimer	F bs
F bf	F btxabbreviatedjournal
F bi	F btxaddentry
F bitmapimage	F btxaddjournal
F bitwise	F btxauthor
F bitwiseand	F btxauthorfield
F bitwiseflip	F btxauthorforegister
F bitwisenil	F btxcmdstring
F bitwisenot	F btxcollectlistentries
F bitwiseor	F btxcurrentfirstnames
F bitwiseset	F btxcurrentinitials
F bitwiseshift	F btxcurrentjuniors
F bitwisexor	F btxcurrentsurnames
F blockcolumnset	F btxcurrentvons
F blockligatures	F btxdetail
F boolcase	F btxdirect
F boxdir	F btxdoif
F boxline	F btxdoifelse
F boxlinedp	F btxdoifelsecitedone
F boxlineht	F btxdoifelsecombiinlist
F boxlineil	F btxdoifelsematches
F boxlinein	F btxdoifelsesameasprevious
F boxlineir	F btxdoifelseuservariable
F boxlinelh	F btxdoifnot
F boxlineip	F btxentrytobuffer

F btxentrytostring	F checkedemoji
F btxexpandedjournal	F checkedpagefloat
F btxfetchlistentries	F checkinjector
F btxfield	F checkinterfacechain
F btxfirstofrange	F checkmarkedpages
F btxflush	F checknesting
F btxflushlistcombi	F checkspacingavailable
F btxflushlistentry	F checkstrutdepth
F btxflushlisttag	F chemicalcomponent
F btxflushmarked	F chinesenumerals
F btxflushpages	F chr
F btxhandlecite	F classoptioncodestring
F btxhandlenocite	F cleancolumnset
F btxlastofrange	F cleanfontname
F btxlistvariant	F cleanupattributes
F btxloaddefinitionfile	F cleanupbox
F btxloadjournalist	F cleanuplayers
F btxloadreplacementfile	F clonefield
F btxmissing	F closein
F btxoneorrange	F closeout
F btxpreparelistentries	F codedef
F btxremapauthor	F collectedmath
F btxsavedataset	F collectfloat
F btxsavejournalist	F collecthelp
F btxsetdataset	F columnsetbalancefirst
F btxsetentry	F columnsetbalancelast
F btxsetregister	F columnsetbalancepage
F btxsetspecification	F columnsetcolumnwidth
F btxshortcut	F columnsetdisablewide
F btxshowauthorremapping	F columnsetenablewide
F btxsingularorplural	F columnsetgoto
F btxtoregister	F columnsethascontent
F btxusedataset	F columnsethaspan
F btxuservariable	F columnsetlastfuture
F build_page_after_shipout	F columnsetlastmvl
F build_page_before_shipout	F columnsetlimit
F build_page_setup	F columnsetnoto
F capheight	F columnsetresetdirect
F charactercontrolcodestring	F columnsetresetshapeextra
F chardescription	F columnsetreshape
F checkcolumnset	F columnsetsblockrows
F checkcolumnsetmvl	F columnsetsetshapeextra
F checkcountersetup	F columnsetshape
F checkedconversion	F columnsetshapebalancecheck

F columnsetshapebalanceextend	F datasetvariable
F columnsetshapecolumn	F day
F columnsetshapecount	F daynmem
F columnsetshapeindex	F dayname
F columnsetshapepage	F decimals
F columnsetshapesetbalancerange	F decrementcounter
F columnsetshapeslots	F decrementsubcounter
F columnsetshapespread	F deferredenhancelist
F columnsetshapevsize	F deferredenhancereference
F columnsetshapeworst	F deferredenhanceregister
F columnsetshowgrid	F defineaccents
F columnsetshowshape	F defineattribute
F columnsetshowtracedgrid	F defineboundary
F columnsetstate	F definebreakpoint
F columnsetstatus	F definebreakpoints
F combineglyphs	F definecharacterspacing
F component	F definechemical
F concatcommalist	F definecolumnset
F consultfloat	F defineconversion
F continueifinputfile	F definecounter
F convertbtxdatasettoxml	F definedlayoutcomponent
F converteddimen	F definefallbackfamily
F convertmpstopdf	F definefield
F copyboxfromcache	F definefieldset
F copyboxline	F definefilefallback
F copyposition	F definefilesynonym
F cos	F definefont_one
F cosd	F definefont_two
F ctxfunction	F definefontcolorpalette
F ctxluamatch	F definefontfamily
F ctxluamatchfile	F definefontfamilypreset
F ctxresetter	F definefontfeature
F ctxscanner	F definefontscriptset
F currentcomponent	F definefontsolution
F currentdate	F definehyphenationfeatures
F currentdesignsize	F defineinsertion
F currentenvironment	F defineintermediatecolor
F currentfontinstancespec	F definelabcolorglobal
F currentposthyphenchar	F definelabcolorlocal
F currentprehyphenchar	F definelabels
F currentproduct	F definelanguage
F currentproject	F definelinkedlist
F currentsectiontolist	F definemathpreset
F datasetsize	F definemultitonecolorglobal

F definenamespace	F doif
F definenote	F doifcounter
F defineparallel	F doifelse
F defineparbuilder	F doifelseblack
F defineprocesscolordummy	F doifelseboxincache
F defineprocesscolorglobal	F doifelsebuffer
F defineprocesscolorlocal	F doifelsebufferempty
F defineprogram	F doifelsecharinfont
F definereference	F doifelseconverter
F defineregister	F doifelsecounter
F definesectionlevels	F doifelsecurrentfonthasfeature
F definespotcolorglobal	F doifelsedimenstring
F definestructureblock	F doifelsedrawingblack
F definestructureset	F doifelsefieldcategory
F definesubcolumnset	F doifelsefieldset
F definetransparency	F doifelsefiledefined
F definetransparencyglobal	F doifelsefileexist
F definetypface	F doifelsefirstchar
F defineviewerlayer	F doifelsefirstsectionpage
F delayedcolumnsetsheet	F doifelsefontfeature
F depthnumber	F doifelsefontpresent
F depthofstring	F doifelseindented
F descender	F doifelseinelement
F detachinsertions	F doifelseinputfile
F diagnostic	F doifelseleapyear
F digits_normal	F doifelselisthasentry
F digits_reverse	F doifelselisthasnumber
F directboxfromcache	F doifelselisthaspage
F disableautofontscript	F doifelselisthasitle
F disablecollectingmath	F doifelsemarkedcontent
F disabledirectives	F doifelsemarkedpage
F disableexperiments	F doifelsemessage
F disablejobsave	F doifelsenoteonsamepage
F disableparbuilder	F doifelseobjectfound
F disableregime	F doifelseobjectreferencefound
F disablespellchecking	F doifelseolderversion
F disablestatetriggering	F doifelseoverlapping
F disablestream	F doifelseparallel
F disabletrackers	F doifelseparentfile
F discardfromlist	F doifelsepathexist
F discptioncodestring	F doifelsependingpagecontent
F disposeboxesincache	F doifelseposition
F disposeluatable	F doifelsepositiononpage
F doanalyzeframedbox	F doifelsepositiononsamepage

F doifelsepositionsonthispage	F dostoptextfile
F doifelsepositionsused	F doublescriptmodecodestring
F doifelserangeonpage	F droptablegroup
F doifelserereference	F elapsedsteptime
F doifelserereferencechecked	F elapsedtime
F doifelserereferenced	F embedimagefromstore
F doifelserighttoleftinbox	F enablealignmentcharacter
F doifelsesame	F enablealignskips
F doifelsesomething	F enableasciimode
F doifelsespaces	F enableautofences
F doifelsestackedfloats	F enableautofontscript
F doifelsestructureblockempty	F enablebackgroundalign
F doifelsesynonymshown	F enablebackgroundboxes
F doifelsesynonymused	F enablecollectingmath
F doifelsetaggednoteonsamepage	F enablecolor
F doifelseurldefined	F enablecolorintents
F doifelseutfmathaccent	F enablecrlf
F doifelseutfmathfiller	F enabledirectives
F doifelseutfmathlimop	F enabledriver
F doifelsevalidhashedfiles	F enableexperiments
F doifelsevisualizer	F enablefontcolorchemes
F doifmarkedpage	F enablehidecontent
F doifnot	F enablemathalignrelocate
F doifnotcounter	F enablematrixornaments
F doifnotecontent	F enablematrixrules
F doifnotsame	F enableparbuilder
F doifnotthing	F enableregime
F doifposition	F enablescriptunstacking
F doifsame	F enablesidefloatchecker
F doifsomething	F enablespellchecking
F doifunknownfontfeature	F enablestacking
F domainattribute	F enablestatetriggering
F doreshapeframedbox	F enablestream
F doresyncframedbox	F enableswapping
F dosaveposition	F enabletighten
F dosavepositionplus	F enabletrackers
F dosavepositionwhd	F enabletransparency
F dosetposition	F enableutf
F dosetpositionbox	F enhancelinkedlist
F dosetpositionplus	F enhancelist
F dosetpositionstrut	F enhanceregister
F dosetpositionstrutkind	F enhancesynonym
F dosetpositionwhd	F environment
F dostarttextfile	F eposcolumn

F eposcolumnregistered	F flushpageinjectionsafter
F erasebuffer	F flushpageinjectionsbefore
F execute	F flushpostponedblocks
F exportbox	F flushpostponednotes
F exportformdata	F flushstream
F exportreferences	F flushstreamcopy
F expression	F fontchar
F extendregister	F fontcharbyindex
F extendregisterlate	F fontcollectionclone
F extensiblecode	F fontcollectiondefine
F fakeword	F fontcollectionprepare
F featureattribute	F fontcollectionregister
F feedback	F fontcollectionreport
F fetchlanguagetext	F fontcollectionreset
F fetchmultipar	F fontlookupgetkey
F fetchposboxes	F fontlookupgetkeyofindex
F fetchterminaldata	F fontlookupinitialize
F figure_flush_registered_pages	F fontlookupnofound
F figure_mergegoodies	F forceendjob
F figure_nof_registered_pages	F forcepageflush
F figure_register_page	F forcequitjob
F figuresetdimensions	F forcestrutdepth
F filebasename	F format
F filedirname	F formatcolor
F filenameonly	F formatgray
F filesuffix	F formatluminance
F filterdefaultreference	F formatluminanceratio
F filterreference	F formatone
F finalizeobjectbox	F framedoutline
F finalizeshipoutbox	F from
F findregisterinternal	F frozenparcodestring
F finishcolumnsetflush	F frule
F finishexport	F getMPdata
F firstinset	F getbidimode
F firstsectionpage	F getbodyfontsizes
F firstsubcountervalue	F getboxcountfromcache
F flagcodestring	F getboxdpfromcache
F flushcolumnsetareas	F getboxfromcache
F flushcolumnsetcolumn	F getboxhtdpfromcache
F flushfloat	F getboxhtfromcache
F flushlabeledfloat	F getboxwdfromcache
F flushnoterange	F getbuffer
F flushnotes	F getbuffercontent
F flushpageblocks	F getbufferctxlua

F getbuffermkvi	F getprivateslot
F getbuffertex	F getprogram
F getcharactercasingcategory	F getrandomdimen
F getclubpenalties	F getrandomfloat
F getcurrentprefixspec	F getrandomnumber
F getcurrentreferencelabel	F getrandomseed
F getcurrentreferencemetadata	F getreadfilename
F getdefaultfieldvalue	F getreferencesectionnumber
F getdisplaywidowpenalties	F getrivers
F getdocumentargument	F getsetupstring
F getdocumentfilename	F getshapeparameter
F getfieldcategory	F getsomefullstructurenumber
F getfile	F getsomestructurenumber
F getfirstcharacter	F getspecificstructuretitle
F getfloatvariable	F getstructurelevel
F getfromluatable	F getstructurenumber
F getfullstructurenumber	F getsubstring
F getinterlinepenalties	F getsynchronizemarking
F getinternalcachedlistreference	F geturl
F getinternallistreference	F getvisual
F getinternalorderreference	F getwidowpenalties
F getmathblobindex	F globalpopmacro
F getmathblobmapping	F globalpushmacro
F getmathcharone	F gluetolinesinbox
F getmathchartwo	F glyphoptioncodestring
F getmathmathblob	F gobblenested
F getmathtextblob	F gotocolumnsetslot
F getmathvariant	F grabbuffer
F getmessage	F groupcodestring
F getmpextensions	F groupsetgroup
F getnaturaldimensions	F grph_nodes_initialize
F getnaturalwd	F grph_nodes_register
F getnofpreviouslines	F grph_nodes_reset
F getnotestate	F grph_nodes_resolve
F getnotestorecount	F handlemathhang
F getnotestoreflushed	F hboxtovbox
F getobjectdimensions	F heightofstring
F getobjectreference	F helpaction
F getobjectreferencepage	F helpreference
F getparshape	F hour
F getparwrapper	F hpackbox
F getprivatechar	F hpackedbox
F getprivateglyphslot	F hsplit
F getprivatemathchar	F hyphenateddigits

F hyphenatedlist	F initializetexdirectives
F hyphenationcodestring	F initializetexexperiments
F ic	F initializetextrackers
F idxfromluatable	F injectcurrentreference
F if_common	F injectcurrentreferencehtdp
F ifallmodes	F injectdisable
F ifbitwiseand	F injectnowhite
F ifblobindexdone	F injectreference
F ifboxhaslist	F injectvpenalty
F ifcommon	F injectvskip
F ifeof	F injectvspacing
F ifgluelineinbox	F injectzerobaselineskip
F ifinset	F inlinechemical
F iflua	F inputfilebarename
F ifmode	F inputfilename
F ifmodes	F inputfilerealsuffix
F ifmvl	F inputfilesuffix
F ifpositunum	F insertattachment
F ifsetups	F insertcategorycodestring
F ifsystemmode	F insertcomment
F iftext	F insertfield
F ifxml	F insertionnumber
F ifxmlatt	F insertoptioncodestring
F ifxmlattempty	F insertrenderingwindow
F ifxmlempty	F inspectluatable
F ifxmlselfempty	F installedlanguages
F ifxmltext	F installtexdirective
F ignorefile	F installtexexperiment
F ignoretagsinexport	F installtexracker
F immediatemessage	F interceptsamepagecontent
F includesvgbuffer	F it
F includesvgfile	F jobfilefullname
F incrementcounter	F jobfilename
F incrementsubcounter	F jobfilesuffix
F inhibitprimitive	F jobposd
F initializeexport	F jobposh
F initializejob	F jobposp
F initializemathcollapsing	F jobposw
F initializemathfencing	F jobposx
F initializemathitalics	F jobposy
F initializemathkernpairs	F languagecharwidth
F initializemathnumbers	F languagenumber
F initializemathspacing	F lastblobindex
F initializestream	F lastnodeequals

F lastnodeid	F loadcldfileonce
F lastnodeidstring	F loadexamodes
F lastnodesubtypestring	F loadfontgoodies
F lastparwrapper	F loadlibrary
F lastrpos	F loadluafile
F lastsavedboxresourceindex	F loadluafileonce
F lastsavedimageresourceindex	F loadluamodule
F lastsavedimageresourcepages	F loadmapfile
F lastsectionpage	F loadmapline
F lastsubcountervalue	F loadspellchecklist
F lastunitstring	F loadtexfile
F lastxpos	F loadtexfileonce
F lastypos	F loadtypescriptfile
F lateindent	F loadvisualizer
F latelua	F loadxmlfile
F lateundent	F loadxmlfileonce
F lchexnumber	F localanchorx
F lchexnumbers	F localanchory
F leapyear	F localboxindent
F limited	F localboxindex
F linebuffering	F localboxlefthang
F linedir	F localboxleftoffset
F lineprofilebox	F localboxleftskip
F linesegment	F localboxlinenumber
F listanchorcodestring	F localboxlinewidth
F listbookmark	F localboxlocalwidth
F listexternal	F localboxmarkonce
F listgroupindex	F localboxovershoot
F listlabel	F localboxparfillleftskip
F listlocation	F localboxparfillrightskip
F listnamespaces	F localboxparinitleftskip
F listprefixednumber	F localboxparinitrightskip
F listprefixedpage	F localboxprogress
F listrawnumber	F localboxrighthang
F listrawrealpage	F localboxrightoffset
F listrawuserpage	F localboxrightskip
F listsigncodestring	F localpopmacro
F listsize	F localpushmacro
F listtitle	F locatefilepath
F listuserdata	F loopcs
F lmt_parameters_define	F loopcsn
F lmt_parameters_preset	F lousiness
F lmt_parameters_reset	F luacardinal
F loadcldfile	F luacount

F luadimen	F mixsetsplit
F luaexpression	F mixstate
F luafloat	F modecodestring
F luainteger	F molecule
F luanumber	F month
F luarandom	F monthnmem
F luascript	F monthname
F luathread	F mpblobtext
F lxmlid	F mpcolor
F manipulated	F mpgetblob
F markblobindexdone	F mpgettext
F markcontent	F mpgraphic
F markedpageparameter	F mpgraphictexttoks
F markedpages	F mpoptions
F markingnumber	F mpoutlinetoks
F markingtitle	F mppopvariables
F markinjector	F mppushvariables
F markpage	F mprunset
F markregionbox	F mpruntab
F markregionboxcorrected	F mprunvar
F markregionboxtagged	F mpsetclippath
F markregionboxtaggedkind	F mpsetoutercolor
F markregionboxtaggedn	F mpsetsxsy
F markvisualfonts	F mpsettext
F mathclassvalue	F mptexget
F mathcontrolcodestring	F mptexreset
F mathhorizontalcode	F mptexset
F mathoptioncodestring	F mptexsetfrombuffer
F mathrenderset	F mptexttoks
F mathstrutcode	F mvloptioncodestring
F mathvariantcode	F namedstructureuservariable
F mathvariantcount	F namedstructurevariable
F mathvariantslot	F naturalwd
F maxbufferwidth	F negatedcolorcomponent
F message	F newarray
F metapostescaped	F newhashedtable
F metapostformatted	F newindexedtable
F metapostgraphformat	F newluatable
F minute	F newparwrapper
F mixcleanup	F newrepeatablerandom
F mixfinalize	F newstacking
F mixflushlist	F nextparallel
F mixflushrest	F nextsubcountervalue
F mixgetsplit	F nodimen

F nofbufferlines	F paddir
F nofconversions	F parpasscallback
F nofdays	F parpassidentifier
F nofdetachedinsertions	F parpos
F noflinesinbox	F partriggercodestring
F nofmathvariants	F pdfbackendcurrentresources
F nofstackedfloats	F pdfbackendsetcatalog
F nologbuffering	F pdfbackendsetcolorspace
F normalizecodestring	F pdfbackendsettextgstate
F normalizedbodyfontsize	F pdfbackendsetinfo
F normalizeparcodestring	F pdfbackendsetname
F nospacesmodecodestring	F pdfbackendsetpageattribute
F notedeltapage	F pdfbackendsetpageresource
F noteinternal	F pdfbackendsetpagesattribute
F notelistindex	F pdfbackendsetpattern
F noteprefixednumber	F pdfbackendsetshade
F notetitle	F pdfcolor
F ntb_split_section_check	F pdfextension
F ntb_split_section_fetch	F pdffeedback
F ntb_split_section_locate	F pdflastobj
F ntb_split_section_reset	F pdfliteral
F ntimes	F pdfobj
F number	F pdfrefobj
F numbers	F pdfsetuserdata
F objectreference	F pdfvariable
F objectreferencepage	F percentageof
F octnumber	F pfabs
F openin	F pfacos
F openout	F pfacosh
F operatingsystem	F pfasin
F ordinal	F pfasinh
F outputfilename	F pfatan
F overloadbookmark	F pfatanh
F overloadlowercase	F pfatanho
F overloadsattribute	F pfceil
F overloaduppercase	F pfcos
F pageblockrealpage	F pfcosh
F pageofinternal	F pfdeg
F pageoverflow	F pfexp
F pagestaterealpage	F pffloor
F pagestaterealpageorder	F pflog
F paragraphfillmodecodestring	F pfmod
F paragraphoptioncodestring	F pfpow
F parcontextcodestring	F pfrac

F pfrem	F processcollectedmath
F pfround	F processedfile
F pfsin	F processedfiles
F pfsinh	F processfile
F pfsqrt	F processfilemany
F pftan	F processfilenone
F pftanh	F processfileonce
F pgfxcolorspec	F processjob
F pickupbuffer	F processlist
F pickupmarkedcontent	F processregister
F pickuppunctuation	F processsplit
F placeparallel	F processsynonyms
F popfloat	F product
F pophyphenation	F profilebox
F poplist	F profilemacro
F poplocalanchors	F project
F poplogfile	F pruneboxesincache
F popparagraphtweak	F purefontname
F poppath	F pushfloat
F poprandomseed	F pushhyphenation
F popreferenceprefix	F pushlist
F popregime	F pushlocalanchors
F poprunstate	F pushlogfile
F popsectionblock	F pushparagraphtweak
F positunum	F pushpath
F positunumdef	F pushrandomseed
F postlistbox	F pushreferenceprefix
F postlistcopy	F pushregime
F postponenotes	F pushrunstate
F prefixedconverted	F pushsectionblock
F prelistbox	F pushstream
F prelistcopy	F putboxincache
F preparecolumnsetflush	F putincolumnset
F prerolledpages	F putincolumnsetdirect
F presetcolumnsetsheets	F putnextboxincache
F presetcolumnsetspreadsheets	F qrcodebuffer
F presetmathematics	F qrcodestring
F presetmathfontalternate	F rawMPdata
F presetsymbollist	F rawcharacter
F previoussubcountervalue	F rawsetupstring
F privatecharacter	F rawsubcountervalue
F privatecharactercode	F read
F processbodyfontsizes	F readfromterminal
F processbuffer	F readline

F readlinedirect	F registerpattern
F recolorbox	F registerpostponedblock
F referencecolumn	F registerreferencedobject
F referencepagedetail	F registerrendering
F referencepagestate	F registersection
F referenceposx	F registershownsynonym
F referenceposy	F registersnaprange
F referencerealpage	F registerstructureprocessor
F registeranchorbox	F registersynchronize
F registerattachment	F registersynonym
F registerbackendsymbol	F registertransliteration
F registerbackground	F registerunit
F registerbodyfontsize	F registerunitshortcut
F registerbookmark	F registerunknownbodysize
F registerboxglyph	F registerusedsynonym
F registerbuttons	F registeruserdata
F registercolorintent	F registerverbosemathlabel
F registercolumnsetarea	F removelastring
F registercolumnsetsheet	F renderingvar
F registercolumnsetspreadsheets	F reorderfloats
F registerengineclass	F replacefeature
F registerfallbackfont	F replacepospxywhd
F registerfiguremask	F replacewildcard
F registerfigurepattern	F reportstructure
F registerfigureorange	F resavefloat
F registerfiguresuffix	F reservedautoregiontag
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F setinsertlimit	F toscaled	
F setinsertmaxplaced	N tpcatcodes	
F setinsertmultiplier	N tpbcatcodes	
F setintegervalue	F tprint	
F setinteraction	F trackedattribute	
F setlccode	D trackers	
F setlinedir	F triggerbuildpage	
F setlist	N txtcatcodes	
F setlocalbox	F uprint	
F setmath	F useboxresource	
F setmathcode	D userdiscoptioncodes	
F setmathdir	D userglyphoptioncodes	
F setmuglue	N vrbcatcodes	
F setmuskip	F write	
F setnest	texconditionals	data table
F setpaddir	texconfig	table
F setpositvalue	S firstline	
F setrunstate	S formatname	
F setsfcode	N functionsize	
F setskip	F init	
F setspcode	B kpse_init	
F settextdir	N propertiessize	
F settoks	S shell_escape	
F setuccode	texconstants	data table
D shapingpenaltiescodes	texifs	data table
F shiftparshape	texio	table
F shipout	F closeinput	
F showcontext	F forceendoffile	
D snappingcodes	F getinputindex	
F snapshotpar	F getselectorvalues	
F sp	F getsourcefilename	
D spacefactorcodes	F setlogfile	
D spaceskipcodes	F terminal	
D specialmathclasscodes	F write	

F write_nl		F getactive
F writenl		F getcmdchracs
F writeselector		F getcmdname
F writeselectorlf		F getcommand
F writeselectornl		F getcommandvalues
taxisdefined	data table	F getconstant
texmodes	data table	F getsname
texsystemmodes	data table	F getcstoken
thirddata	table	F getdimension
toboolean	function	F getexpandable
todecimal	function	F getexpansion
token	table	F getfields
F create		F getflags
F expand		F getfrozen
F expand_macro		F getfunctionvalues
F expandmacro		F getid
F future_expand		F getimmutable
F futureexpand		F getindex
F get_active		F getinstance
F get_cmdchracs		F getinteger
F get_cmdname		F getlength
F get_command		F getmacro
F get_csname		F getmeaning
F get_cstoken		F getnoaligned
F get_dimension		F getparameters
F get_expandable		F getpermanent
F get_fields		F getprimitive
F get_flags		F getprimitives
F get_frozen		F getprotected
F get_id		F getrange
F get_immutable		F gettok
F get_index		F gettolerant
F get_instance		F gobble
F get_integer		F gobble_dimension
F get_macro		F gobble_integer
F get_meaning		F gobbledimension
F get_noaligned		F gobbleinteger
F get_parameters		F grab
F get_permanent		F grabstring
F get_primitive		F inhibit
F get_protected		F is_defined
F get_range		F is_next_char
F get_tok		F is_token
F get_tolerant		F isactivestring

F isdefined	F scan_real
F isnextchar	F scan_scale
F istoken	F scan_skip
F locatemacro	F scan_string
F new	F scan_token
F peek_next	F scan_token_code
F peek_next_char	F scan_tokenlist
F peek_next_expanded	F scan_toks
F peeknext	F scan_value
F peeknextchar	F scan_word
F peeknextexpanded	F scanargument
F pop_macro	F scanbox
F popmacro	F scancardinal
F push_macro	F scanchar
F pushmacro	F scancmdchr
F put_back	F scancmdchrexploded
F put_next	F scancode
F putback	F scancsname
F putnext	F scancstoken
F save_lua	F scandelimited
F savelua	F scandetokened
F scan_argument	F scandimen
F scan_box	F scandimenargument
F scan_cardinal	F scandimension
F scan_char	F scandimensionargument
F scan_cmdchr	F scanfloat
F scan_cmdchr_expanded	F scanglue
F scan_code	F scanint
F scan_csname	F scaninteger
F scan_delimited	F scanintegerargument
F scan_dimen	F scankey
F scan_float	F scankeyword
F scan_glue	F scankeywordcs
F scan_integer	F scanletters
F scan_key	F scanluacardinal
F scan_keyword	F scanluainteger
F scan_keyword_cs	F scanluanumber
F scan_letters	F scannext
F scan_luacardinal	F scannextchar
F scan_luainteger	F scannextexpanded
F scan_luanumber	F scanposit
F scan_next	F scanreal
F scan_next_char	F scanscale
F scan_next_expanded	F scanskip

F scanstring		F setinteger	
F scantoken		D values	
F scantokencode		tonumber	function
F scantokenlist		tostring	function
F scantokenstring		tracers	table
F scantoks		F printerror	
F scanvalue		F printwarning	
F scanword		F showlines	
F serialize		trackers	table
F set_dimension		D data	
F set_integer		F default	
F set_lua		F disable	
F set_macro		F dumphashtofile	
F setdimension		F enable	
F setinteger		F list	
F setlua		S name	
F setmacro		F register	
F setmacrofrommark		F report	
F setmacrotonothing		F reset	
F skip_next		F savehash	
F skip_next_expanded		F show	
F skipnext		F value	
F skipnextexpanded		F values	
F type		type	function
F undefine_macro		typesetters	table
F undefinemacro		F marksuspects	
tokens	table	F showinvisibles	
F astable		F showsuspects	
D cache		unpack	function
D commands		updaters	table
F compile		F apply	
F constant		F register	
F create		url	table
F defined		F addscheme	
F flags		F barepath	
F getinteger		F construct	
F gobble		F decode	
F isactivestring		F encode	
F isdefined		F escape	
F istoken		F filename	
F new		F hashed	
F pickup		F hasscheme	
F popmacro		F query	
F pushmacro		F split	

F toquery		F xstring	
F unescape		utf8	table
F unescapepet		F char	
userdata	table	S charpattern	
utf	table	F codepoint	
F byte		F codes	
F bytepairs		F len	
F char		F offset	
F characters		utilities	table
F chrln		vector	table
F count		F add	
F filetype		F append	
F is_valid		F average	
F len		F ceiling	
F length		F checkoverlap	
F lower		F collectoverlap	
F remapper		F concat	
F replacer		F copy	
F split		F crossproduct	
F splitlines		F delete	
F sub		F determinant	
F substituter		F div	
F tocodes		F equal	
F toeight		F exchange	
F toentities		F floor	
F tostring		F get	
F totable		F getdimensions	
F upper		F getepsilon	
F ustring		F getmesh	
F utf16_to_utf8_be		F getrc	
F utf16_to_utf8_be_t		F getrow	
F utf16_to_utf8_le		F getstacking	
F utf16_to_utf8_le_t		F gettype	
F utf16_to_utf8_t		F homogenize	
F utf32_to_utf8_be		F identity	
F utf32_to_utf8_be_t		F inner	
F utf32_to_utf8_le		F insert	
F utf32_to_utf8_le_t		F inverse	
F utf32_to_utf8_t		F ismesh	
F utf8_to_utf16		F issingular	
F utf8_to_utf16_be		F isvector	
F utf8_to_utf16_le		F iszero	
F utf8_to_utf8_t		F meshname	
F values		F mul	

F negate
F new
F normalize
F onecolumn
F onerow
F product
F remove
F replace
F round
F rowechelon
F set
F setepsilon
F setnext
F setrc
F setstacking
F slice
F sort
F sub
F swap
F tostring
F totable
F transpose
F triangulate
F truncate
F type

visualizers table

D escapepatterns
F getspecification
F getvisualizer
F load
F makenested
F makepattern
F newgrammar
F newhandler
F parsedxml
F pattern
F register
F registerescapecommand
F registerescapepine
F registerescapepattern
S signal
U signalpattern
D specifications
F visualize

F visualizebuffer
F visualizefile
F visualizestring
F write
F writeargument
F writedefault
F writeemptyline
F writenewline
F writespace

warn function

xcomplex table

F I
F __add
F __div
F __eq
F __mul
S __name
F __pow
F __sub
F __tostring
F __unm
F abs
F acos
F acosh
F arg
F asin
F asinh
F atan
F atanh
F conj
F cos
F cosh
F dawson
F erf
F erfc
F erfcx
F erfi
F exp
F i
F imag
F log
F new
F pow
F proj

F real
F sin
F sinh
F sqrt
F tan
F tanh
F topair
F tostring
F totable
F voigt
F voigt_hwhm

xdecimal

F __add
F __band
F __bor
F __bxor
F __div
F __eq
F __idiv
F __le
F __lt
F __mod
F __mul
S __name
F __pow
F __shl
F __shr
F __sub
F __tostring
F __unm
F abs
F band
F bor
F bxor
F conj
F copy
F exp
F getprecision
F ln
F log
F max
F min
F minus
F new

table

F plus
F pow
F rotate
F setprecision
F shift
F sqrt
F toengstring
F tonumber
F tostring
F trim

xmath

F acos
F acosh
F asin
F asinh
F atan
F atan2
F atanh
F cbrt
F ceil
F copysign
F cos
F cosh
F deg
F erf
F erfc
F exp
F exp2
F expm1
F fabs
F fdim
F floor
F fma
F fmax
F fmin
F fmod
F frexp
F gamma
F hypot
N inf
F isfinite
F isinf
F isnan
F isnormal

table

F j0	F cdatatotext
F j1	F checkbom
F jn	F checkedempty
F ldexp	F checkerror
F lgamma	F checknamespace
F log	F checkns
F log10	F cleansed
F log1p	F collect
F log2	F collect_elements
F logb	F collect_tags
F modf	F collect_texts
N nan	F collected
F nearbyint	F collecttexts
F nextafter	F compactelement
N pi	F content
F pow	F convert
F rad	F copy
F remainder	F count
F remquo	F cprint
F round	S defaultprotocol
F scalbn	F delete
F sin	F delete_element
F sinh	F despecialized
F sqrt	F each
F tan	F each_element
F tanh	F elements
F tgamma	F elementtocdata
F trunc	F empty
F y0	D entities
F y1	F erase
F yn	F errorhandler
xml	F escaped
	F expand
F addentitiesdoctype	F fillin
F addspecialcode	F filter
F after	F first
F all	F found
F applylpath	F getbuffer
F applyselector	F gethandlers
F assign	F gethandlersfunction
F attribute	F include
F badinclusions	F inclusion
F before	F inclusions
F body	F index
F cdata	

xml table

F inheritattributes	F pushmatch
F inheritedconvert	F raw
F inject	F registerentity
F inject_element	F registerns
F inject_element_after	F reindex
F inject_element_before	F remap_name
F injectafter	F remap_namespace
F injectbefore	F remap_tag
F insert	F remapname
F insert_element	F remapnamespace
F insert_element_after	F remaptag
F insert_element_before	F rename
F insertafter	F renamespace
F insertbefore	U reparsedentitylpeg
F insertcdata	F replace
F insertcomment	F replace_element
F inspect	F resetinjectors
F is_valid	F resolvens
F kind	F root
F last	F save
F lastmatch	F selection
F load	F separate
F lpath	F serialize
F lpathcached	F serializetotext
F lpathcalls	F setcdata
F lshow	F setcomment
F makestandalone	F sethandlersfunction
F match	F setinjectors
F name	F setproperty
F newhandlers	F settings
F nodesettostring	D specialcodes
F originalload	F sprint
F package	F string
F parent	F strip
U parsedentitylpeg	F strip_whitespace
F popmatch	F stripelement
F position	F stripleadingspaces
D privatecodes	F table
F privatetoken	F text
F process	F textonly
F process_attributes	F texttocdata
F process_elements	F tocdata
F processattributes	F toelement
F pure	F tostring

F totable		F compress	
F toxml		F compresssize	
F tprint		F crc32	
F traverse		F decompress	
F unescaped		F decompresssize	
U unescapedentitylpeg		zip	table
F unprivatized		F closearchive	
F unspecialized		F openarchive	
F wipe		zlib	table
F withelement		F adler32	
F withelements		F compress	
F wrap		F compresssize	
xpcall	function	F crc32	
xzip	table	F decompress	
F adler32		F decompresssize	

graphics (context)

backgrounds

table

- F fetchmultipar
- F pair
- F path
- F point

bitmaps

table

- F flush
- F load
- F new
- F placeholder
- F tocontext

bpsize

function

colorspaces

table

identifiers

table

- F bitmap
- F jp2
- F jpeg
- F jpg
- F png

identify

function

registerpdfcompactor

function

registerpdffont

function

synchronizers

table

- F collapse
- F collect
- F extend
- F getbottom
- F getd
- F geth
- F getkind
- F getsize
- F gettask
- F gettop
- F getw
- F getx
- F gety
- F prune

gzip (context)

compress function
compressed function
decompress function

load function
save function
suffix function

helper (context)

getprofile function
mathnested function
mathprocess function
mathstep function
snapindeed function

snaplist function
traversecharmethod function
traverseglyphmethod function
traversehorizontal function
traversevertical function

images (context)

check	function	B crop	
checksize	function	B media	
copy	function	B none	
create	function	B trim	
embed	function	storedata	function
embedfromstore	function	totable	function
fetchdata	function	types	table
keys	table	N jbig2	
print	function	N jp2	
resetdata	function	N jpg	
resetstore	function	N none	
scan	function	N pdf	
serialize	function	N png	
sizes	table	N stream	
B art		wrap	function
B bleed			

interactions (context)

attachments data table

fields table

F clone

F define

F defineset

F insert

general table

F getidentity

F getidentityvariable

help table

F collect

F reference

F register

javascripts table

F addtopreamble

F code

D codes

F flushpreambles

D functions

D preambles

F setpreamble

F storecode

F storepreamble

F usepreamblenow

F usescripts

linkedList data table

pages table

F setpagetransition

F setupcanvas

references table

F setcloseddocumentaction

F setclosepageaction

F setopendocumentaction

F setopenpageaction

renderings data table

interfaces (context)

arrays	table	namesofscanners	table
cachedsetups	data table	namespaces	table
cachesetup	function	F define	
cardinals	table	F list	
checkedspecification	function	numbers	table
complete	data table	registernamespace	function
constants	data table	registerscanner	function
corenamespaces	data table	scanners	data table
currentinterface	string	setconstant	function
currentresponse	string	setcount	function
definecommand	function	setdimen	function
defined	function	setelement	function
doifelsemessage	function	setformat	function
elements	data table	setmacro	function
floats	table	setmessage	function
formats	data table	setmessages	function
getmessage	function	settranslation	function
getnamespace	function	setupstrings	data table
getsetupstring	function	setvariable	function
hashedsetups	data table	showmessage	function
implement	function	storedscanners	data table
integers	table	tolist	function
interfacedcommand	function	translations	data table
interfaces	table	usednamespaces	data table
knownscanner	function	variables	data table
message	function	writestatus	function
nameofscanner	function		

io (basic lua)

ask	function	open	overloaded function
bytes	function	output	overloaded function
characters	function	pathseparator	string
close	function	popen	overloaded function
copydata	function	read	function
exists	function	readall	function
fileseparator	string	readnumber	function
flush	function	readstring	function
gobble	function	savedata	function
input	overloaded function	size	function
lines	overloaded function	stderr	userdata
loadchunk	function	stdin	userdata
loaddata	function	stdout	userdata
loadlines	function	tmpfile	function
newreader	function	type	function
noflines	function	write	function

job (context)

comment	function	D collected	
datasets	table	F countervalue	
D collected		F extend	
F extend		F realpage	
F getdata		F realpageorder	
F setdata		F setstate	
D tobesaved		D tobesaved	
disablesave	function	parwrappers	table
embedded	table	D collected	
D collected		D tobesaved	
D tobesaved		positions	table
fileobjreferences	table	F b_column	
D collected		F b_region	
D tobesaved		F c	
files	table	D collected	
D collected		F column	
F context		F columnofpos	
B forcerun		F copy	
F run		F depth	
D tobesaved		F e_column	
getrandomseed	function	F e_region	
initialize	function	F enhance	
linkedlists	table	F extra	
D collected		F get	
D tobesaved		F getcolumndata	
load	function	F getfree	
loadother	function	F gethpos	
meshedup	table	F gethvrpos	
D collected		F getpos	
D tobesaved		F getreserved	
objects	table	F getrpos	
D collected		F getsync	
F get		F gettobesaved	
F number		F getvpos	
F page		F hangafter	
F save		F hangindent	
F set		F height	
D tobesaved		F hsize	
pack	boolean	N lastr	
packversion	number	N lastx	
pagestates	table	N lasty	

F leftskip	F upperleft	
F lowerleft	F upperright	
F lowerright	F used	
F markregionbox	F whd	
F n	F width	
F onsamepage	F x	
F overlapping	F xy	
F p	F y	
F page	register	function
F paragraph	save	function
F parindent	structure	table
F position	D collected	
F r	variables	table
F region	D checksums	
F registerhandlers	D collected	
F replace	F getchecksum	
F rightskip	F makechecksum	
F set	F restore	
F setall	F save	
F setregionbox	F setchecksum	
F setspec	D tobesaved	
F settobesaved	version	number
D tobesaved		

language (basic tex)

clean	function	id	function
clearhyphenation	function	new	function
clearpatterns	function	patterns	function
current	function	postexhyphenchar	function
gethjcode	function	posthyphenchar	function
has_language	function	preexhyphenchar	function
hyphenate	function	prehyphenchar	function
hyphenation	function	sethjcode	function
hyphenationmin	function	setwordhandler	function

languages (context)

addgoodiesdata	function	numbers	data table
addgoodiesfile	function	pdflanguage	function
appliedoptions	table	postexhyphenchar	function
associate	function	posthyphenchar	function
associated	data table	preexhyphenchar	function
association	function	prehyphenchar	function
counters	data table	registered	data table
current	function	registeredaactions	table
data	data table	replacements	table
decimals	data table	F add	
define	function	F addlist	
explicitthyphen	function	F handler	
exportlanguage	function	F set	
flatten	function	serializediscretionary	function
frequencies	table	setexceptions	function
F averagecharwidth		setgoodieshandler	function
F getdata		setoptions	function
getdata	function	setpatterns	function
getmetadata	function	setsynonym	function
getnumber	function	setwordhandler	function
goodiefiles	function	showdiscretionaries	function
hjcounts	table	strippedgoodiewords	function
hyphenate	function	tolang	function
hyphenators	table	transliteration	table
D featuresets		F exception	
F handler		F handler	
F popmethod		F register	
F pushmethod		F set	
F setmethod		F use	
F setup		unload	function
F showhyphenationtrace		urls	table
installed	function	D characters	
installhandler	function	N lefthyphenmin	
labels	table	D mapping	
F define		B packslashes	
F split		N righthyphenmin	
loadable	function	F setcharacters	
loadwords	function	version	number
logger	table	visualizediscretionaries	function
F report		words	table
nofflattened	function	F check	

F disable
F enable
B enables

F found
F load
N threshold

layouts (context)

getcanvas function
getpagedimensions function
setupcanvas function

status table
 F isleftpage
 F lefttorrightpageaction

lfs (extra lua)

attributes	overloaded function	link	overloaded function
chdir	overloaded function	mkdir	overloaded function
currentdir	function	makedirs	function
dir	overloaded function	modification	function
isdir	overloaded function	readlink	function
isfile	overloaded function	rmdir	overloaded function
isfound	function	setexecutable	function
isreadabledir	function	symlink	function
isreadablefile	function	symlinktarget	function
iswriteabledir	function	touch	overloaded function
iswriteablefile	function	walkdir	function

libraries (context)

basiclua data table

basictex data table

builtin data table

extralua data table

extratex data table

functions data table

globals data table

optional data table

lrx (context)

color	function	lrxfile	function
convert	function	loadedfile	function
convertfile	function	make	function
convertstring	function	new	function
einject	function	popupfile	function
eprint	function	print	function
escape	function	pv	function
finalized	function	report	function
finject	function	reset	function
fprint	function	result	function
get	function	set	function
getvariables	function	show	function
htmfile	function	stripcss	function
html	table	tv	function
F a		type	function
F td		urlescape	function
F th		variable	function
include	function	variables	table
inherited	table	S color-background-blue	
S color-background-four		S color-background-body	
S color-background-one		S color-background-green	
S color-background-three		S color-background-main	
S color-background-two		S color-background-purple	
S title		S color-background-yellow	
initialize	function	S title-default	
inject	function		

logs (context)

application	function	setformats	function
categories	function	setformatters	function
direct	function	setlogfile	function
disable	function	setmessenger	function
enable	function	setprocessor	function
finalactions	function	settarget	function
flush	function	settimedlog	function
loggingerrors	function	settranslations	function
messenger	function	show	function
new	function	start_page_number	function
newline	function	start_run	function
poplogfile	function	starterrorlogging	function
poptarget	function	startfilelogging	function
private	table	status	function
F enablepagetiming		stop_page_number	function
F getpagetiming		stoperrorlogging	function
pushlogfile	function	stopfilelogging	function
pushtarget	function	subdirect	function
registerfinalactions	function	subreport	function
report	function	system	function
reporter	function	texerrormessage	function
resetlogfile	function	writer	function

lpdf (context)

action	function	copystring	function
adddocumentcolorspace	function	copyunicode	function
adddocumenttextgstate	function	deferredobject	function
adddocumentpattern	function	delayedobject	function
adddocumentshade	function	destinationspecification	function
addtocatalog	function	dictionary	function
addtoinfo	function	docstring	function
addtonames	function	encodingvalues	table
addtopageattributes	function	N base16	
addtopageresources	function	N base85	
addtopagesattributes	function	N decoded	
addxmpinfo	function	N encoded	
annotationspecification	function	N plain	
array	function	N utf16be	
attachmentsymbols	function	N utf16le	
boolean	function	endpoints	table
border	function	S Div	
checkedkey	function	S Part	
checkedresources	function	S Sect	
checkedvalue	function	epdf	table
circularshade	function	F allcontent	
close	function	F analyzefonts	
cmykcode	function	F contentplugin	
collectedresources	function	F contenttostring	
color	function	F contenttotext	
colorspace	function	D encryptioncodes	
colorspaceconstants	data table	F expanded	
colorspec	function	F expandwidths	
colorvalue	function	F fontplugin	
colorvalues	function	F getpagecontent	
commentsymbols	function	F getstructure	
compressdata	function	F load	
compresslevel	function	F mergewidths	
constant	function	D objectcodes	
copyarray	function	F objectrange	
copyboolean	function	F objecttype	
copyconstant	function	F pageplugin	
copydictionary	function	F parsecontent	
copyfloat	function	F producer	
copyinteger	function	F unload	
copynumber	function	F verboseobject	

escaped	function	S \	
finalizedocument	function	h_hex_4	table
finalizepage	function	hasmatrix	function
finalizesignature	function	immediateobject	function
finishtransparencycode	function	includeimage	function
flags	table	initialize	function
flushfonts	function	injectors	table
flushgroup	function	F bitmap	
flushobject	function	F jp2	
flushstreamfileobject	function	F jpg	
flushstreamobject	function	F png	
fonts	table	injectxmpinfo	function
F color_direct		insertxmpinfo	function
F color_indirect		lastreferredpage	function
formats	data table	layerreference	function
frombytes	function	limited	function
fromeight	function	linearshade	function
frompdfdoc	function	literal	function
fromsixteen	function	majorversion	function
getcatalog	function	makenametree	function
getcompression	function	minorversion	function
getfontname	function	noffontregistries	function
getfontobjectnumber	function	nofpages	function
getformatoption	function	null	function
getinfo	function	number	function
getmatrix	function	object	function
getnofpages	function	objectcompresslevel	function
getpageproperties	function	pagereference	function
getpagereference	function	patternstream	function
getpagetags	function	pdfcolor	function
getpos	function	pdftimestamp	function
gettaggingstatus	function	permissions	table
gettrailerid	function	N access	
getversion	function	N add	
getxformname	function	N assemble	
graycode	function	N extract	
h_hex_2	table	N fillin	
S		N modify	
S		N print	
S		N quality	
S		preparesignature	function
S		print	function
S (procset	function
S)		protectresources	boolean

quads	function	splitsixteen	function
rectangle	function	spotcode	function
reference	function	stream	function
registerannotation	function	string	function
registerdestination	function	supportedformats	function
registerdocumentfinalizer	function	tocidset	function
registerfontmethod	function	toeight	function
registerinitializer	function	topdfdoc	function
registerpagefinalizer	function	topermissions	function
registerpattern	function	tosixteen	function
registersignature	function	transparency	function
replacexmpinfo	function	transparencycode	function
reserveobject	function	transparencygroups	table
rgbcode	function	B none	
rotationcm	function	transparencyvalue	function
setcompression	function	unicode	function
setencryption	function	usedcharacters	table
setpageorder	function	usedfontnames	table
setpagestate	function	N dejavusansmonoboldttf-1-0-0	
setpagetag	function	usedfontobjects	table
setutfstringmode	function	N dejavusansmonoboldttf-1-0-0	
setversion	function	usedfontstreams	data table
sharedobject	function	usedindices	table
shareobject	function	verbose	function
shareobjectreference	function		

lpeg (basic lua)

B	function	firstofsplit	function
C	function	frontstripper	function
Carg	function	instringchecker	function
Cb	function	is_lpeg	function
Cc	function	keeper	function
Cf	function	locale	function
Cg	function	match	function
Cmt	function	oneof	function
Cp	function	patterns	data table
Cs	function	pcode	function
Ct	function	print	function
P	function	ptree	function
R	function	replacer	function
S	function	secondofsplit	function
UP	function	setmaxstack	function
UR	function	setutfcasers	function
US	function	split	function
V	function	splitat	function
afterprefix	function	splitter	function
anywhere	function	stripper	function
append	function	times	function
balancer	function	tsplitat	function
beforesuffix	function	tsplitter	function
checkedsplit	function	type	function
containsws	function	utfR	function
counter	function	utfchartabletopattern	function
endstripper	function	utfreplacer	function
finder	function	version	string

lua (basic tex)

addnibble	function	getstacktop	function
bytecode	table	getstartupfile	function
bytedata	data table	getstringkeys	function
bytdone	table	getversion	function
callbytecode	function	lastbytecode	number
comparekeys	function	messages	data table
finalizeinitex	function	newindex	function
firstbytecode	number	newtable	function
get_functions_table	function	numbers	data table
getallkeys	function	protectglobal	function
getbytecode	function	registercode	function
getcheckedkeys	function	registercodes	function
getcurrenttime	function	registerglobal	function
getdebuginfo	function	registerinitexfinalizer	function
getexitcode	function	registername	function
getfunctionstable	overloaded function	setbytecode	function
getnibble	function	setexitcode	function
getnumerickeys	function	setnibble	function
getpreciseseconds	function	startupfile	string
getpreciseticks	function	subnibble	function
getruntime	function	version	string

luac (extra lua)

inspect function

print function

luatex (context)

abort	function	F disable	
cleanup	function	F enable	
cleanuptempfiles	function	F finish	
currentfile	function	F isenabled	
currentlevel	function	F pause	
currenttotal	function	F popline	
poprunstate	function	F pushline	
pushrunstate	function	F registerdisabler	
registerdumpactions	function	F registerenabler	
registerpageactions	function	F resetfilename	
registerstartactions	function	F resume	
registerstopactions	function	F setfilename	
registertempfile	function	F setup	
starttime	number	F start	
synctex	table	F stop	
F blockfilename		F wrapup	
F collect		wrapup	function

lxml (context)

addindex	function	filter	function
all	function	filterlist	function
applyfunction	function	first	function
applyselectors	function	flush	function
att	function	flushlinewise	function
attribute	function	flushsetups	function
badinclusions	function	flushspacewise	function
chainattribute	function	get_id	function
checkindex	function	getid	function
collected	function	getindex	function
command	function	id	function
concat	function	idsplitter	userdata
concatrange	function	ifatt	function
content	function	ifattempty	function
context	function	include	function
convert	function	inclusion	function
count	function	inclusions	function
delete	function	index	function
depth	function	inlineverbatim	function
direct	function	installsetup	function
directives	table	last	function
F after		lastatt	function
F before		lastmatch	function
F handle		lastpar	function
F load		load	function
F setup		loadbuffer	function
displayverbatim	function	loaddata	function
doif	function	loaded	table
doifelse	function	main	function
doifelseempty	function	match	function
doifsetext	function	name	function
doifempty	function	namespace	function
doifnot	function	nonspace	function
doifnotempty	function	par	function
doifnottext	function	param	function
doiftext	function	parameter	function
element	function	path	function
elements	function	popmatch	function
entities	data table	pos	function
fileline	function	position	function
filename	function	pure	function

pushmatch	function	sorters	table
raw	function	F add	
rawroot	function	F compare	
rawtex	function	F flush	
refatt	function	F reset	
register	function	F show	
registerentity	function	F sort	
removesetup	function	splitid	function
replace	function	startraw	function
resetcdata	function	startunesaped	function
resetsetups	function	stopraw	function
resolvedentity	function	stopunesaped	function
root	function	store	function
save	function	strip	function
serialize	function	stripped	function
setaction	function	tag	function
setatt	function	texatt	function
setattribute	function	text	function
setcdata	function	tobuffer	function
setcommandtonone	function	tofile	function
setcommandtotext	function	toparameters	function
setpar	function	toverbatim	function
setparam	function	verbatim	function
setparameter	function	withindex	function
setsetup	function	xmltexhandler	data table
snippet	function		

math (basic lua)

abs	function	maxinteger	number
acos	function	min	function
asin	function	mininteger	number
atan	function	mod	function
atan2	function	modf	function
ceil	function	odd	function
ceiling	function	pi	number
cos	function	pow	function
cosd	function	rad	function
cosh	function	random	overloaded function
deg	function	randomseed	function
div	function	round	function
even	function	setrandomseedi	function
exp	function	sin	function
floor	function	sind	function
fmod	function	sinh	function
frexp	function	sqrt	function
huge	number	tan	function
initialseed	number	tand	function
ldexp	function	tanh	function
log	function	tointeger	function
log10	function	type	function
max	function	ult	function

mathematics (context)

addfallbacks	function	familyname	function
addvariant	function	functiontype	function
alphabets	data table	gaps	data table
alternatives	data table	getblobindex	function
beforepassingfonttotex	function	getboth	function
big	function	getdomainname	function
boldmap	data table	getextensibledata	function
categories	table	getmathblob	function
D functions		getoptionallabel	function
charactersets	data table	getstyle	function
checkaftercopyingfont	function	gettextblob	function
classes	data table	getverboselabel	function
classnameses	data table	horizontalcode	function
codes	data table	initializeparameters	function
define	function	makefont	function
dictionaries	table	mapremap	data table
D data		markblobindexdone	function
D defaults		overloadparameters	function
D groups		preset	function
F groupset		presets	table
F groupsetgroup		privatebase	number
F name		registerextensible	function
D names		registersimplematrix	function
F registercharacter		registerverboselabel	function
F registergroup		remapalphabets	function
F registergroupset		renderextensible	function
D sets		renderings	table
D variants		D mappings	
dimensions	function	D numbers	
disablecollecting	function	D sets	
domainlabels	table	renderset	function
domainnames	table	resetattributes	function
N default		scaleparameters	function
enablecollecting	function	setextensibledata	function
extensiblecode	function	setmathsymbol	function
extensibles	data table	sets	data table
extrabase	number	setsnapping	function
fallbacks	table	setvariant	function
F apply		strutcode	function
F install		styles	data table
fallbackstyleattr	function	syncboth	function

syncname	function	F fontname	
syncstyle	function	F inspect	
tagging	table	F keepbases	
B mfenced		F kernpairs	
toengineclass	function	F kerns	
toname	function	F margins	
tostyle	function	F message	
tweakaftercopyingfont	function	F moveitalics	
tweakbeforecopyingfont	function	F movelimits	
tweaks	table	F parameters	
F accentdimensions		F radicalbodymargins	
F action		F radicaldegreearchors	
F addactuarian		F replace	
F addarrows		F replacealphabets	
F addbars		F replacerules	
F addcomposites		F setoptions	
F addequals		F setovershoots	
F addfourier		F showinfo	
F addmirrors		F simplifykerns	
F addparts		F sortvariants	
F addprivates		F staircase	
F addrules		F strut	
F addscripts		F substitute	
F bigslots		F topanchors	
F checkaccents		F tweaks	
F checkspacing		F version	
F copyaccents		F wipeanchors	
F dimensions		F wipecues	
F extendaccents		F wipeitalics	
F fallbacks		F wipevariants	
F fixaccents		utfmathaccent	function
F fixellipses		utfmathclass	function
F fixintegrals		utfmathcommand	function
F fixoldschool		utfmathfiller	function
F fixprimes		utfmathstretch	function
F fixradicals		variantcode	function
F fixslashes		variantcount	function
F fixvariants		virtualize	function
F flattenaccents		virtualized	data table

md5 (extra lua)

HEX function
dec function
hex function

sum function
sumHEXA function
sumhexa function

metapost (context)

checkformat	function	N newinternal
checktracingonline	function	N nullary
cm	function	N numeric
codes	table	N of
N addto		N ofbinary
N ampersand		N onlyset
N and		N parametertype
N assignment		N pathconnect
N atleast		N pathjoin
N begingroup		N plusorminus
N btex		N primarybinary
N capsule		N primarydef
N colon		N property
N comma		N protection
N controls		N relax
N curl		N repeatloop
N cycle		N rightbrace
N definedmacro		N rightbracket
N delimiters		N rightdelimiter
N endgroup		N runscript
N equals		N save
N etex		N scantokens
N everyjob		N secondarybinary
N exittest		N secondarydef
N expandafter		N semicolon
N fiorelse		N setbounds
N if		N shipout
N input		N show
N interim		N slash
N internal		N step
N iteration		N stop
N leftbrace		N str
N leftbracket		N string
N leftdelimiter		N tag
N let		N tension
N macrodef		N tertiarybinary
N macrospecial		N tertiarydef
N maketext		N thingstoadd
N message		N to
N mode		N typename
N newbytemap		N unary

N undefinedcs		gettolerance	function
N until		graphic	function
N void		graphic_base_pass	function
N with		hascurvature	function
N within		includesvgbuffer	function
N write		includesvgfile	function
colorinitializer	function	installplugin	function
convert	function	isobject	function
currentmpx	function	knownparameters	table
currentmpxstatus	function	lastlog	string
defaultformat	string	load	function
defaultinstance	string	maketext	function
defaultmethod	string	mesh	function
directrun	function	metafonts	table
escaped	function	metafun	table
exectime	table	F interpolate	
extensiondata	data table	F topath	
filterclippath	function	mptopdf	table
flush	function	F convertmpstopdf	
flushers	table	N nofconverted	
flushnormalpath	function	n	number
fonts	table	newlogger	function
F define		nofruns	number
format_number	function	nofscriptruns	function
format_string	function	nvformat	function
formatnumber	function	pdfliterals	function
getbackendoption	function	pluginactions	function
getbendtolerance	function	popformat	function
getbuffer	function	popscriptrunner	function
getclippath	function	popvariable	function
getextensions	function	popvariables	function
getextradata	function	preparetexttextsdata	function
gethashentries	function	process	function
getinstancebyname	function	processing	function
getinstanceinfo	function	processplugins	function
getinstancenames	function	properties	table
getjobdata	function	pushformat	function
getmovetolerance	function	pushscriptrunner	function
getparameter	function	pushvariable	function
getparameterpreset	function	pushvariables	function
getparameterset	function	quitonerror	boolean
getrecord	function	reducetogray	boolean
getstatistics	function	registerdirect	function
gettext	function	registerscript	function

registertokens	function	N mm	
remappedtext	function	N pc	
remaptext	function	N pt	
reporterror	function	N px	
reportsvgfonts	function		svgglyphtomp function
reset	function		svgshapestomp function
resetbackendoptions	function		svgshapestopdf function
resetlastlog	function		svgsplitcolor function
resetplugins	function		svgtomp function
run	function		svgtopdf function
runinternal	function		sxxy function
runscript	function		tex table
scanparameters	function	F get	
scriptindex	function	F reset	
setbendtolerance	function	F set	
setbuffer	function	F setfrombuffer	
setextensions	function		texerrors boolean
setlogging	function		texexp function
setmovetolerance	function		theclipath function
setoutercolor	function		tographic function
setparameter	function		totable function
setparameterset	function		types table
setrecord	function	N boolean	
settext	function	N cmykcolor	
settolerance	function	N color	
setvariable	function	N dependent	
showlog	boolean	N independent	
showsvgpage	function	N known	
simple	function	N nep	
splitprescript	function	N numeric	
startgraphic	function	N pair	
startsvghashing	function	N path	
stopgraphic	function	N pen	
stopsvghashing	function	N picture	
svformat	function	N protodependent	
svgcachefile	boolean	N string	
svgcolorremapper	function	N structured	
svgfactors	table	N suffixedmacro	
N %		N tokenlist	
N bp		N transform	
N cm		N unknownboolean	
N em		N unknownnep	
N ex		N unknownpath	
N in		N unknownpen	

N unknownpicture
N unknowstring
N unsuffixedmacro
N vacuous

typesvgpage
unload
untagvariable
variables

function
function
function
table

mime (context)

b64 function

decode function

decodet table

F base64

F quoted-printable

dot function

encode function

encodet table

F base64

F quoted-printable

eol function

normalize function

qp function

qpwrp function

report function

stuff function

unb64 function

unqp function

wrap function

wrapt table

F base64

F default

F quoted-printable

F text

wrp function

mp (context)

autoinject	function	flatten	function
aux	function	flush	function
F boolean		format	function
F color		formatted	function
F direct		fprint	function
F draw		get	table
F fill		F hashentry	
F flush		getbytemap	function
F fprint		getbytemapdata	function
F integer		getlastaddtype	function
F number		graphformat	function
F numeric		inject	function
F pair		F boolean	
F pairpoints		F cmykcolor	
F path		F color	
F pathpoints		F integer	
F points		F number	
F print		F numeric	
F quadruple		F pair	
F quadruplepoints		F path	
F quoted		F pt	
F size		F quadruplet	
F string		F string	
F transform		F transform	
F triplet		F triplet	
F tripletpoints		F vector	
F vprint		F vectors	
boolean	function	F whatever	
bytemap_load_from_file	function	F whd	
cleaned	function	F xy	
color	function	integer	function
dataset	function	lmt_function_x	function
datasets	function	lmt_glyphshape_accent	function
F load		lmt_glyphshape_baseline	function
direct	function	lmt_glyphshape_boundingbox	function
downgradebytemap	function	lmt_glyphshape_depth	function
downsamplebytemap	function	lmt_glyphshape_height	function
draw	function	lmt_glyphshape_italic	function
expandtex	function	lmt_glyphshape_llx	function
fill	function	lmt_glyphshape_llx	function
fillbytemap	function	lmt_glyphshape_n	function
		lmt_glyphshape_path	function

lmt_glyphshape_start	function	numeric	function
lmt_glyphshape_stop	function	pair	function
lmt_glyphshape_usedbox	function	pairpoints	function
lmt_glyphshape_usedline	function	path	function
lmt_glyphshape_width	function	pathpoints	function
lmt_mesh_set	function	points	function
lmt_mesh_update	function	print	function
lmt_poisson_generate	function	F boolean	
lmt_start_potrace	function	F color	
lmt_step_potrace	function	F direct	
lmt_stop_potrace	function	F draw	
lmt_svg_include	function	F fill	
loadbytemap	function	F flush	
loadbytemapfile	function	F fprint	
mesh_register	function	F integer	
mf_blob_add	function	F number	
mf_blob_dimensions	function	F numeric	
mf_blob_index	function	F pair	
mf_blob_new	function	F pairpoints	
mf_blob_raw_content	function	F path	
mf_blob_raw_dimensions	function	F pathpoints	
mf_blob_raw_reset	function	F points	
mf_blob_raw_toutf	function	F print	
mf_blob_raw_wipe	function	F quadruple	
mf_blob_size	function	F quadruplepoints	
mf_blob_width	function	F quoted	
mf_external_figure	function	F size	
mf_finish_saving_data	function	F string	
mf_formatted_text	function	F transform	
mf_get_outline_text	function	F triplet	
mf_graphic_text	function	F tripletpoints	
mf_inject_blob	function	F vprint	
mf_map_move	function	processbytemap	function
mf_map_text	function	processingmode	function
mf_named_color	function	quadruple	function
mf_outline_text	function	quadruplepoints	function
mf_save_data	function	quoted	function
mf_script_index	function	report	function
mf_start_saving_data	function	scan	table
mf_stop_saving_data	function	F boolean	
mode	function	F cmykcolor	
n	function	F color	
newbytemap	function	F expression	
number	function	F integer	

F next
F number
F numeric
F pair
F path
F pen
F property
F string
F symbol
F token
F transform
F whatever

set

table

setbytemap
setbytemapoctave
size
skip
 F token
solve
string
systemmode
transform
triplet
tripletpoints
vprint

function
function
function
table
function
function
function
function
function
function
function

mplib (extra tex)

downgradebytemap	function	injectinteger	function
downsamplebytemap	function	injectnumber	function
execute	function	injectnumeric	function
expandtex	function	injectpair	function
fillbytemap	function	injectpath	function
finder	function	injectstring	function
finders	table	injecttransform	function
F file		injectvector	function
F mpstemplate		injectvectors	function
finish	function	injectwhatever	function
getbytemap	function	new	overloaded function
getbytemapdata	function	newbytemap	function
getcallbackstate	function	peninfo	function
getcodes	function	processbytemap	function
getcolormodels	function	propertycodes	table
getfields	function	realtimelogging	boolean
gethashentries	function	scanboolean	function
gethashentry	function	scancmykcolor	function
getinternalactions	function	scancolor	function
getknotstates	function	scanexpression	function
getlastadddtype	function	scaninteger	function
getlogtargets	function	scannext	function
getobjectdata	function	scannumber	function
getobjectpeninfo	function	scannumeric	function
getobjectstacking	function	scanpair	function
getobjecttypes	function	scanpath	function
getpruneoptions	function	scanpen	function
getresultstatus	function	scanproperty	function
getscaledbits	function	scanstring	function
getscantypes	function	scansymbol	function
getstates	function	scantoken	function
getstatistics	function	scantransform	function
getstatus	function	setbytemap	function
gettolerance	function	setbytemapoctave	function
gettype	function	settolerance	function
gettypes	function	showcontext	function
injectboolean	function	skiptoken	function
injectcmykcolor	function	solvepath	function
injectcolor	function	version	function

nanojpeg (context)

decode function

noads (context)

getmathmode function

handlers table

F alternates

F autofences

F classes

F collapse

F dictionaries

F export

F families

F fencing

F intervals

F kernpairs

F makeup

F normalize

F numbers

F relocate

F render

F showtree

F snap

F spacing

F suspicious

F tags

F unscript

F unstack

F variants

process function

processnested function

processors table

processouter function

node (basic tex)

checkdiscretionaries	function	F getanchors
checkdiscretionary	function	F getattribute
copy	function	F getattributelist
copylist	function	F getattributes
count	function	F getboth
currentattributes	function	F getbottom
dimensions	function	F getbottomdelimiter
direct	table	F getbox
F addmargins		F getcachestate
F addxoffset		F getchar
F addxymargins		F getchardict
F addyoffset		F getcharspec
F appendaftertail		F getchoice
F appendcurrenttail		F getclass
F beginofmath		F getcontrol
F checkdiscretionaries		F getcornerkerns
F checkdiscretionary		F getcurrenttail
F collapsing		F getdata
F copy		F getdegree
F copylist		F getdelimiter
F copyonly		F getdenominator
F count		F getdepth
F currentattributes		F getdirection
F dimensions		F getdisc
F effectiveglue		F getdiscpart
F endofmath		F getexcept
F exchange		F getexpansion
F fields		F getfam
F findattribute		F getfield
F findattributerange		F getfielderror
F findnode		F getfirstdirectioninlist
F firstchar		F getfont
F firstglyph		F getfontcheck
F firstglyphnode		F getgeometry
F firstitalicglyph		F getglue
F flattendiscretionaries		F getglyphdata
F flattenleaders		F getglyphdimensions
F flushlist		F getheight
F flushnode		F getid
F free		F getidsubtype
F freeze		F getidsubtypenext

F getindex	F getsup
F getinputfields	F getsuppre
F getkern	F gettop
F getkerndimension	F gettopdelimiter
F getlanguage	F gettotal
F getleader	F getusage
F getleftdelimiter	F getusedattributes
F getlist	F getweight
F getlistdimensions	F getwhd
F getlocalparboxstate	F getwidth
F getmvlldlist	F getwordrange
F getnaturalwhd	F getxscale
F getnext	F getxyscales
F getnodeerrorvalues	F getsyscale
F getnodes	F gluetostring
F getnormalizedline	F hasattribute
F getnucleus	F hasdimensions
F getnumerator	F hasdiscoption
F getoffsets	F hasfield
F getoptions	F hasgeometry
F getorientation	F hasglyph
F getparstate	F hasglyphoption
F getpenalty	F hasidsubtype
F getpost	F hasoptions
F getpre	F hasusage
F getprev	F hpack
F getprime	F hyphenating
F getpropertystable	F id
F getproperty	F ignoremathskip
F getreplace	F insertafter
F getrightdelimiter	F insertbefore
F getruledimensions	F insertcurrenthead
F getscale	F isboth
F getscales	F ischar
F getscrip	F ischarcheck
F getscripts	F ischardisc
F getshift	F isdirect
F getshort	F isfontcheck
F getslant	F isglyph
F getspeciallist	F isitalicglyph
F getstate	F isloop
F getsub	F isnext
F getsubpre	F isnextchar
F getsubtype	F isnextcharcheck

F isnextglyph	F setattributelist
F isnode	F setattributes
F isprev	F setattributesinlist
F isprevchar	F setboth
F isprevcharcheck	F setbottom
F isprevglyph	F setbottomdelimiter
F issimilarglyph	F setbox
F issnapped	F setchar
F isspeciallist	F setchardict
F isvalid	F setchoice
F iszeroglue	F setclass
F kerning	F setcontrol
F lastnode	F setcurrenttail
F length	F setdata
F ligaturing	F setdegree
F makeextensible	F setdelimiter
F markglyphprocessing	F setdenominator
F migrate	F setdepth
F mlisttohtml	F setdirection
F naturalhsize	F setdisc
F naturalwidth	F setdiscpart
F new	F setexcept
F newcontinuationatom	F setexpansion
F newfontcheck	F setfam
F newmathglyph	F setfield
F newtextglyph	F setfielderror
F patchattributes	F setfont
F patchparshape	F setfontcheck
F prependbeforehead	F setgeometry
F prependcurrenttail	F setglue
F protectglyph	F setglyphdata
F protectglyphs	F setheight
F protectglyphsbase	F setindex
F protectglyphsnone	F setinputfields
F protrusionskippable	F setkern
F rangedimensions	F setlanguage
F remove	F setleader
F removefromlist	F setleftdelimiter
F repack	F setlink
F reverse	F setlist
F samefontcheck	F setnext
F serialized	F setnucleus
F setanchors	F setnumerator
F setattribute	F setoffsets

F setoptions	F traversesechar
F setorientation	F traversecontent
F setpenalty	F traverseglyph
F setpost	F traverseid
F setpre	F traverseitalic
F setprev	F traverseleader
F setprime	F traverselist
F setproperty	F traversepossible
F setreplace	F type
F setrightdelimiter	F types
F setruledimensions	F unprotectglyph
F setscale	F unprotectglyphs
F setscales	F unsetattribute
F setscript	F unsetattributes
F setscripts	F updatefirstandbotmark
F setshift	F updatefirstmarks
F setslant	F updatemarks
F setsnapped	F updatetopmarks
F setspeciallist	F usedlist
F setsplit	F usesfont
F setstate	F vbalance
F setsub	F verticalbreak
F setsubpre	F vpack
F setsubtype	F write
F setup	F xscaled
F setupspre	F yscaled
F settop	effectiveglue function
F settopdelimiter	endofmath function
F settotal	family_font function
F setweight	fields function
F setwhd	findattribute function
F setwidth	flattendiscretionaries function
F show	flushlist function
F size	flushnode function
F slide	free function
F softenhyphens	getattribute function
F startofpar	getcachestate function
F subtypes	getfield function
F tail	getfielderror function
F todirect	getglue function
F tonode	getnodeerrorvalues function
F toString	getpropertystable function
F tovaliddirect	getproperty function
F traverse	gluetostring function

hasattribute	function	serialized	function
hasfield	function	setattribute	function
hasglyph	function	setfield	function
hpack	function	setfielderror	function
hyphenating	function	setglue	function
id	function	setproperty	function
insertafter	function	show	function
insertbefore	function	size	function
instock	function	slide	function
intracking	function	subtypes	function
inuse	function	tail	function
isnode	function	todirect	function
iszeroglue	function	tonode	function
kerning	function	tostring	function
lastnode	function	traverse	function
length	function	traverseid	function
ligaturing	function	type	function
makeextensible	function	types	function
mlisttohtml	function	unprotectglyph	function
new	function	unprotectglyphs	function
protectglyph	function	unsetattribute	function
protectglyphs	function	usedlist	function
protrusionskippable	function	usesfont	function
rangedimensions	function	vpack	function
remove	function	write	function

nodes (context)

accentcodes	data table	fencecodes	data table
adaptive	table	fields	function
F handlehorizontal		fieldtypes	table
F handlevertical		fillcodes	data table
F set		fillvalues	data table
aligned	function	firstdirinbox	function
append	function	flush	function
apply	function	flushlist	function
applyvisuals	function	flushnode	function
astable	function	fractioncodes	data table
basepoints	function	fullhpack	function
boundarycodes	data table	getattr	function
boxes	table	getattribute	function
F count		getboth	function
F dimensions		getbox	function
F direct		getchar	function
F dispose		getfield	function
F found		getfont	function
F prune		getid	function
F reset		getleader	function
F restore		getlist	function
F save		getnext	function
F savenode		getprev	function
builders	table	getproperty	function
choicecodes	data table	getsubtype	function
concat	function	gluecodes	data table
copy	function	glyphcodes	data table
copy_node	function	handlers	table
copylist	function	F adjusters	
countall	function	F aligncharacter	
currentattributes	function	F backgrounds	
delete	function	F backgroundspage	
destinations	table	F backgroundsvbox	
N attribute		F characters	
F handler		F checkglyphs	
dircodes	data table	F checkparcounter	
directioncodes	data table	F cleanupbox	
directionvalues	data table	F cleanuppage	
dirvalues	data table	F export	
disccodes	data table	F finalizebox	
discretionarycodes	data table	F finalizelist	

F flatten		is_display_math	function
F flattenline		isdirect	function
F mathalignrelocate		isnode	function
F mathmatrixornaments		isnut	function
F mathmatrixrules		kerncodes	data table
F migrate		leftmarginwidth	function
F protectglyphs		linefillers	table
F recolor		F filler	
F show		F handler	
F showhyphenation		F set	
F showpreamble		lines	table
F stripping		D data	
F tabulateskip		F finalize	
F textbackgrounds		F number	
F unprotectglyphs		link	function
F visualizehyphenation		linked	function
F wipe		list	function
hasattribute	function	listcodes	data table
hasfield	function	listtoutf	function
hpack	function	literalvalues	data table
idsandsubtypes	function	locate	function
idstostring	function	markcodes	data table
injections	table	markers	table
F copy		F get	
F getligaindex		F set	
F getthreshold		mathcodes	data table
F handler		mathvalues	data table
F installgetspaceboth		maxboxwidth	function
F installnewkern		migrations	table
F isspace		F setinserts	
F keepcounts		F setmarks	
F reset		new	function
F resetcounts		noadcodes	data table
F setcursive		nodecodes	data table
F setkern		nopts	function
F setligaindex		nuts	table
F setmark		F addmargins	
F setmove		F addxoffset	
F setposition		F addxymargins	
F setspacekerns		F addyoffset	
insertafter	function	F append	
insertbefore	function	F appendaftertail	
insertlistafter	function	F apply	
installattributehandler	function	F applyvisuals	

F beginofmath	F getbottom
F checkdiscretionaries	F getbottomdelimiter
F checkdiscretionary	F getbox
F checkslide	F getboxglue
F collapsing	F getchar
F concat	F getchardict
F copy	F getcharspec
F copy_properties	F getchoice
F copyleft	F getclass
F copynode	F getcomponents
F copyonly	F getcornerkerns
F copyvisual	F getdata
F count	F getdegree
F countall	F getdelimiter
F currentattributes	F getdenominator
F delete	F getdepth
F dimensions	F getdirection
F dirdimensions	F getdisc
F effectiveglue	F getdiscpart
F endofmath	F getdiscretionary
F exchange	F getexcept
F findattribute	F getexpansion
F findattributerange	F getfam
F findnode	F getfield
F firstchar	F getfirstdirectioninlist
F firstglyph	F getfont
F firstglyphnode	F getfontcheck
F firstitalicglyph	F getgeometry
F flattendiscretionaries	F getglue
F flattenleaders	F getglyphdata
F flush	F getglyphdimensions
F flushlist	F getheight
F flushnode	F getid
F free	F getidsubtype
F freeze	F getidsubtypenext
F fullhpack	F getindex
F getanchors	F getinputfields
F getattr	F getkern
F getattribute	F getkerndimension
F getattributelist	F getlang
F getattributes	F getlanguage
F getattrlist	F getleader
F getattrs	F getleftdelimiter
F getboth	F getlist

F getlistdimensions	F getweight
F getlocalparboxstate	F getwhd
F getmiddle	F getwidth
F getmiddledelimiter	F getwordrange
F getmvlolist	F getxscale
F getnaturalwhd	F getxyscales
F getnext	F getsyscale
F getnormalizedline	F gluetostring
F getnucleus	F hasattribute
F getnumerator	F hasdimensions
F getoffsets	F hasdiscoption
F getoptions	F hasfield
F getorientation	F hasgeometry
F getparstate	F hasglyph
F getpenalty	F hasglyphoption
F getpost	F hasidsubtype
F getpre	F hasoptions
F getprev	F hpack
F getprime	F hyphenating
F getprop	F ignoremathskip
F getreplace	F insertafter
F getrightdelimiter	F insertbefore
F getruledata	F insertlistafter
F getruledimensions	F is_display_math
F getscale	F isboth
F getscales	F ischar
F getscrip	F ischarcheck
F getscripts	F isdirect
F getshift	F isdone
F getshort	F isglyph
F getslant	F isitalicglyph
F getspeciallist	F isnext
F getstate	F isnextchar
F getsub	F isnextcharcheck
F getsubpre	F isnextglyph
F getsubtype	F isnode
F getsup	F isnut
F getsuppre	F isprev
F getsurround	F isprevchar
F gettop	F isprevcharcheck
F gettopdelimiter	F isprevglyph
F gettotal	F issimilarglyph
F getusedattributes	F issnapped
F getvalue	F iszeroglu

F kerning	F setattributes
F lastnode	F setattributesinlist
F length	F setattrlist
F ligaturing	F setattrrs
F link	F setattrrsinlist
F linked	F setboth
F locate	F setbottom
F migrate	F setbox
F migratebox	F setboxglue
F mlisttohlist	F setchar
F naturalhsize	F setchardict
F naturalwidth	F setchoice
F nestedtracedslide	F setclass
F new	F setcomponents
F newcontinuationatom	F setdata
F newfontcheck	F setdegree
F newmathglyph	F setdelimiter
F openup	F setdenominator
F patchattributes	F setdepth
F patchparshape	F setdirection
F prepend	F setdisc
F prependbeforehead	F setdiscpart
F processranges	F setdiscretionary
F processwords	F setexcept
F protectglyph	F setexpansion
F protectglyphs	F setfam
F protectglyphsbase	F setfield
F protectglyphsnone	F setfont
F protrusionskipppable	F setfontcheck
F rangedimensions	F setgeometry
F rawprop	F setglue
F reference	F setglyphdata
F rehpack	F setheight
F remove	F setinputfields
F removefromlist	F setkern
F repack	F setlang
F repackhlist	F setlanguage
F replace	F setleader
F reverse	F setleftdelimiter
F serialized	F setlink
F setanchors	F setlist
F setattr	F setmiddledelimiter
F setattribute	F setnext
F setattributelist	F setnucleus

F setnumerator	F startofpar
F setoffsets	F striprange
F setoptions	F tail
F setorientation	F takeattr
F setparproperty	F takebox
F setpenalty	F takelist
F setpost	F theprop
F setpre	F tonode
F setprev	F tonodes
F setprime	F tonut
F setprop	F tosequence
F setreplace	F toString
F setrightdelimiter	F tracedslide
F setruledata	F traverse
F setruledimensions	F traversesechar
F setscale	F traversesecontent
F setscales	F traverseseglyph
F setscript	F traverseseid
F setscripts	F traverseseitalic
F setshift	F traverseseleader
F setslant	F traverseselist
F setsnapped	F traversesepossible
F setspeciallist	F unprotectglyph
F setsplit	F unprotectglyphs
F setstate	F unsetattribute
F setsub	F unsetattributes
F setsubpre	F untracedslide
F setsubtype	F updatefirstandbotmark
F setup	F updatefirstmarks
F setsuppre	F updatemarks
F setsurround	F updatetopmarks
F settop	F usedlist
F setvalue	F usesfont
F setvisual	F verticalbreak
F setvisuals	F vianodes
F setweight	F vianuts
F setwhd	F vpack
F setwidth	F write
F show	F xscaled
F slide	F yscaled
F softenhyphens	packlist
F somepenalty	parcodes
F somespace	penaltycodes
F splitbox	plugindata

function
data table
data table
table

F finalizer		F handler	
F initializer		F process	
S name		F set	
F processor		F userrule	
points	function	serialize	function
pool	table	serializebox	function
F baselineskip		serialized	function
F cleanup		setattr	function
F directliteral		setattribute	function
F glyph		setattrlist	function
F hlist		setboth	function
F latelua		setbox	function
F leader		setboxtonaturalwd	function
F lineskip		setchar	function
F literal		setfield	function
F originliteral		setfont	function
F register		setleader	function
F restore		setlink	function
F save		setlist	function
F savepos		setnext	function
F setmatrix		setprev	function
F stock		setproperty	function
F usage		shadows	table
F usernode		F handler	
F vlist		F set	
prepend	function	shifts	table
print	function	F handler	
processors	table	F set	
F trace_glyph_run_a		showboxes	function
F trace_glyph_run_b		showlist	function
properties	table	showsimplelist	function
pts	function	skipcodes	data table
radicalcodes	data table	snapshots	table
references	table	F getsamples	
N attribute		F resetsamples	
F handler		F takesample	
reheapack	function	somepenalty	function
remove	function	somespace	function
repackhlist	function	specialskipcodes	table
replace	function	splitbox	function
report	function	startofpar	function
rightmarginwidth	function	stripdiscretionaries	function
rulecodes	data table	stripping	table
rules	table	F set	

subtypes		F fontchar	
tail	data table	F resetproperties	
takeattr	function	F rule	
takebox	function	F setlist	
tasks	table	F setproperties	
F actions		F start	
F appendaction		F stop	
F disableaction		traverse	function
F disablegroup		traverseid	function
F enableaction		typesetters	table
F enablegroup		F hbox	
F freeze		F hpack	
F freezegroup		F tohbox	
F new		F tohpack	
F prependaction		F tonodes	
F removeaction		F tovbox	
F replaceaction		F tovpack	
F restart		F vpack	
F setaction		unsetattribute	function
F showactions		upcomingproperties	function
F table		usedlist	function
tobasepoints	function	vianodes	function
tocentimeters	function	vianuts	function
tociceros	function	visualizebox	function
todidots	function	visualizers	table
todimen	function	F attribute	
toinches	function	F box	
tomillimeters	function	F definelayer	
tonode	function	F enable	
tonodes	function	F getusedfont	
tonut	function	F handler	
topicsas	function	F markfonts	
topoints	function	F register	
toscaledpoints	function	F registercache	
tosequence	function	F setfont	
tostring	function	F setlayer	
totable	function	F setruledglyph	
totree	function	F setvisual	
toutf	function	vpack	function
tracers	table	whatsitcodes	data table
F directions		write	function

number (context)

	function	to16dot16	function
basepoints	function	tobasepoints	function
bytetodecimal	function	tobitstring	function
compactfloat	function	tocentimeters	function
decimaltobyte	function	tociceros	function
dimenfactors	data table	tocontext	function
formatted	function	todidots	function
formattedfloat	function	todimen	function
fractiontobyte	function	toediths	function
idiv	function	toevenhex	function
maxdimen	number	toinches	function
nopts	function	tomillimeters	function
nubasepoints	function	tonumberf	function
nupoints	function	tonumberg	function
percent	function	topics	function
points	function	topoints	function
pts	function	toscaled	function
signed	function	toscaledpoints	function
sparseexponent	function	totoves	function
splitdimen	function	valid	function

objects (context)

data	table	page	function
dimensions	function	reference	function
found	function	register	function
n	number	restore	function

optional (context)

curl table

- F escape
- F fetch
- F getversion
- F initialize
- F unescape

foreign table

- F abivalues
- F getbuffer
- F initialize
- F load
- F newbuffer
- F totable
- F types

ghostscript table

- F execute
- F initialize

graphicsmagick table

- F execute
- F getnoisetypes
- F initialize

hb table

- F getshapers
- F getversion
- F initialize
- F loadfont
- F shapestring

imagemagick table

- F execute
- F initialize

kpse table

- F expand_braces
- F expand_path
- F expand_var
- F find_file
- F find_files
- F get_file_types
- F initialize
- F readable_file
- F set_program_name
- F var_value

library table

- F load

loaded table

lz4 table

- F compress
- F decompresssize
- F framecompress
- F framedecompress
- F initialize

lzma table

- F compress
- F decompress
- F initialize

lzo table

- F compress
- F decompresssize
- F initialize

mujs table

- F dofile
- F execute
- F initialize
- F reset
- F setclosefile
- F setconsole
- F setfindfile
- F setopenfile
- F setreadfile
- F setseekfile

mysql table

- F close
- F execute
- F getmessage
- F initialize
- F open

openssl table

- F getversion
- F initialize
- F sign
- F verify

postgres table

- F close

F execute
F getmessage
F initialize
F open

sqlite **table**

F close
F execute
F getmessage
F initialize

F open

zint **table**

F execute
F initialize

zstd **table**

F compress
F decompress
F initialize

os (basic lua)

__getenv__	function	platform	string
__setenv__	function	remove	overloaded function
binsuffix	string	rename	overloaded function
binsuffixes	table	resultof	function
bits	number	runtime	function
clock	function	selfarg	table
converttime	function	selfbin	string
date	overloaded function	selfcore	string
difftime	function	selfdir	string
enableansi	function	selflink	string
env	data table	selfname	string
execute	overloaded function	selfpath	string
exit	overloaded function	serialwrite	function
fulltime	function	setenv	overloaded function
getcodepage	function	setexitcode	function
getenv	overloaded function	setlocale	overloaded function
getnamevalues	function	sleep	function
gettimeofday	function	startuptime	function
gettypevalues	function	time	function
getunamefields	function	timezone	function
isleapyear	function	tmpname	function
launch	function	today	function
libsuffix	string	type	string
localtime	function	uname	function
name	string	uuid	function
newline	string	validdatetime	function
nofdays	function	weekday	function
now	function	where	function
pipeto	function	which	function

package (basic lua)

config	string	loadlib	function
cpath	string	luapaths	function
extralibpath	function	path	string
extralibpaths	function	poplibpath	function
extralualpath	function	popluapath	function
extralualpaths	function	preload	table
helpers	table	pushlibpath	function
libpaths	function	pushluapath	function
loaded	table	searchers	table
loaders	table	searchpath	function

pagebuilders (context)

columnsets table

- F add
- F addmvl
- F block
- F blockrows
- F check
- F checkmvl
- F clean
- F define
- F definesub
- F delayedsheet
- F finishflush
- F flushareas
- F flushcolumn
- F goto
- F gotoslot
- F limit
- F noto
- F prepareflush
- F presetsheets
- F presetspreadsheets
- F put
- F putdirect
- F registerarea
- F registersheet
- F registerspreadsheets
- F reset
- F resetdirect

- F reshape
- F setarea
- F setextra
- F sethsize
- F sethspace
- F setlines
- F setmvl
- F setpresent
- F setproperties
- F setstart
- F shape
- F showshape
- F state
- F status
- F submvl
- F submvlbalance

injections table

- F flushafter
- F flushbefore
- F save

mixedcolumns table

- F cleanup
- F finalize
- F getlist
- F getrest
- F getsplit
- F setsplit

pdf (context)

immediateobj function

pdf (extra tex)

arraytotable	function	getnumber	function
close	function	getobjectrange	function
closestream	function	getpage	function
dictionarytotable	function	getpages	function
getarray	function	getpermissions	function
getboolean	function	getsize	function
getbox	function	getstatus	function
getcatalog	function	getstatusvalues	function
getdictionary	function	getstream	function
getencodingvalues	function	getstring	function
getfieldtypes	function	gettrailer	function
getfromarray	function	getversion	function
getfromdictionary	function	new	function
getfromobject	function	open	function
getfromreference	function	openfile	function
getfromstream	function	openstream	function
getinfo	function	pagestotable	function
getinteger	function	readfromstream	function
getmemoryusage	function	readwholestream	function
getname	function	type	function
getnofobjects	function	unencrypt	function
getnofpages	function		

physics (context)

units table

F registershortcut

F registerunit

D tables

pngdecode (extra tex)

applyfilter	function	setexperiment	function
expand	function	splitmask	function
frompalette	function	tocmyk	function
interlace	function	togray	function
makemask	function	tomask	function
palettemask	function	transparentmask	function
reduce	function		

posit (extra lua)

NaN	function	exp2	function
NaNR	function	expand	function
__add	function	floor	function
__band	function	frombyte	function
__bor	function	fromchar	function
__bxor	function	fromposit	function
__div	function	integer	function
__eq	function	log	function
__le	function	log10	function
__lt	function	log1p	function
__mul	function	log2	function
__name	string	logb	function
__pow	function	max	function
__shl	function	min	function
__shr	function	modf	function
__sub	function	new	function
__tostring	function	pow	function
__unm	function	rotate	function
abs	function	round	function
acos	function	rounded	function
asin	function	shift	function
atan	function	sin	function
band	function	sqrt	function
bor	function	tan	function
bxor	function	tobyte	function
ceil	function	tochar	function
conj	function	tonumber	function
copy	function	toposit	function
cos	function	tostring	function
exp	function		

potrace (extra tex)

checked	function	getnewfields	function
concat	function	getpolicyvalues	function
contourplot	function	getprocessfields	function
convert	function	new	function
count	function	process	function
flush	function	setbitmap	function
free	function	stripped	function
fromfile	function	totable	function
getbitmap	function	trace	function

publications (context)

addtexentry	function	concatstate	function
analyze	function	converttoxml	function
anywhere	function	currentspecification	table
authorcache	data table	S author	
authorcollapsers	data table	S comment	
authorhashers	table	S copyright	
F invertedshort		S name	
F normal		S version	
F normalinverted		D virtual	
F normalshort		datasets	table
F sequential		detailed	table
F sequentialshort		endnotes_to_btx	function
F short		enhancer	table
authormap	data table	S arguments	
authortoregister	function	B dirty	
btx	table	N steps	
casters	table	enhancers	table
F author		F details	
F keyword		F order	
F pagenumber		F suffixes	
F range		finder	function
checkeddataset	function	firstofrange	function
citevariants	table	found	function
F author		get	function
F authornum		getcasted	function
F authoryear		getdetail	function
F authoryears		getdirect	function
F category		getfaster	function
F default		getfield	function
F entry		getfuzzy	function
F index		getindex	function
F keywords		inspectors	data table
F num		journals	table
F page		F abbreviated	
F short		F add	
F tag		F expanded	
F textnum		F load	
F year		F save	
collected	data table	lastofrange	function
components	table	lists	table
F author		F collectentries	

F combiinlist	
F fetchentries	
F filterall	
F flushcombi	
F flushentry	
F flushtag	
F nofregistered	
F prepareentries	
F register	
F sameasprevious	
F uservariable	
listvariants	table
F default	
F index	
F num	
F short	
F tag	
load	function
loadbibdata	function
loaddefinitionfile	function
loaders	table
F bbl	
F bib	
F buffer	
F endnote	
F json	
F lua	
F refman	
F registercleaner	
F xml	
loadreplacementfile	function
meanings	table
new	function
okay	function
oneorange	function
parenttag	function
permitted	function
prerollcmdstring	function
refman_to_btx	function
resolvedname	function
save	function
savers	table
F bib	
F lua	
F xml	
search	function
setcategory	function
setspecification	function
singularorplural	function
sortedentries	function
sortmethods	table
specifications	table
splitauthor	function
splitoneauthor	function
statistics	table
N nofbytes	
N nofdatasets	
N nofdefinitions	
N nofshortcuts	
tables	table
D implicits	
D origins	
D privates	
D sets	
D specials	
D types	
D virtuals	
tags	function
tracers	table
F showdatasetauthors	
F showdatasetcompleteness	
F showdatasetfields	
F showentry	
F showfields	
F showhashedauthors	
F showtables	
F showvariants	
typesetters	table
F author	
F string	
usedataset	function
usedentries	function
writers	table
F author	
F keyword	
F pagenumber	
F range	

qrcodegen (context)

bitmap function
generate function

regimes (context)

backmapping data table
cleanup function
disable function
enable function
fromregime function
list function

mapping data table
pop function
process function
push function
toregime function
translate function

resolvers (context)

allprefixes	function	findfiles	function
appendhash	function	findgivenfile	function
automount	function	findgivenfiles	function
booleanvariable	function	findlib	function
cacheversion	string	findpath	function
checkedvariable	function	findpk	function
cleanedpathlist	function	findtexfile	function
cleaners	data table	findwildcardfile	function
cleanpath	function	findwildcardfiles	function
cleanpathlist	function	formatofsuffix	function
cleanupbinfile	function	formatofvariable	function
concatinators	data table	formats	data table
configbanner	string	foundintree	function
configurationfiles	function	foundintrees	function
dangerous	data table	generators	data table
datastate	function	get_from_content	function
decompressors	table	getdetails	function
F register		getenv	function
F unregister		getextrapaths	function
defaultsuffixes	table	getfilehashes	function
dirstatus	function	gethashes	function
dowithfilesandreport	function	getownpath	function
dowithfilesintree	function	getreadfilename	function
dowithpath	function	hashers	data table
dowithvariable	function	homedir	string
executers	table	ignorelibrary	function
expandbraces	function	initialized	function
expandedpathfromlist	function	installinputfilehandler	function
expandedpathlist	function	installinputlinehandler	function
expandedpathlistfromvariable	function	jobpath	function
expandpath	function	jobs	table
expandpathfromvariable	function	F collectstructure	
expansion	function	F currentcomponent	
extendtexmfvariable	function	F currentenvironment	
filtered_from_content	function	F currentproduct	
find_file	function	F currentproject	
find_files	function	F currentstructure	
findbinfile	function	F justacomponent	
findctxfile	function	F namelist	
finders	data table	D processors	
findfile	function	F productcomponent	

F usefile		registerextrapath	function
joinpath	function	registerfile	function
knownvariables	function	registerfilehash	function
libraries	table	registerintrees	function
F optionalloaded		registermethod	function
F validoptional		registerzipfile	function
load	function	relations	data table
loadbinfile	function	renew	function
loaders	data table	renewcache	function
loadluafile	function	repath	function
loadtextfile	function	reset	function
loadtime	function	resetextrapaths	function
locateformat	function	resetresolve	function
locators	data table	resolve	function
luacnffallback	string	savers	data table
luacnfname	string	scandata	function
luacnfspec	string	scanfiles	function
luacnfstate	string	schemes	table
macros	table	F cleanname	
F convertfile		F fetchstring	
F decodecomment		F fetchtable	
F enablecomment		F install	
F encodecomment		setdynamic	function
F preprocessed		setenv	function
F processmk		showdetails	function
F processmkLx		showpath	function
F processmkvi		simplescanfiles	function
F version		splitconfigurationpath	function
maxreadlevel	number	splitexpansions	function
methodhandler	function	splitmethod	function
missinglibrary	function	splitpath	function
openbinfile	function	stackpath	function
openers	data table	starttiming	function
openfile	function	stoptiming	function
opentextfile	function	suffixes	data table
ownpath	string	suffixmap	data table
popextrapath	function	suffixofformat	function
popinputname	function	texdatablob	function
poppath	function	toppath	function
prefixes	data table	tracers	data table
prependhash	function	unexpandedpath	function
pushextrapath	function	unexpandedpathlist	function
pushinputname	function	unresolve	function
pushpath	function	updaterelations	function

updatescript	function	variable	function
uselibrary	function	variableofformat	function
usertypes	data table	variableofformatorsuffix	function
usezipfile	function	wildcardpattern	function
validatedpath	function		

sandbox (context)

blockrequire	function
disablelibraries	function
disablerunners	function
enable	function
filehandlerone	function
filehandlertwo	function
finalizer	function
getrunner	function
initializer	function
iohandler	function
logcalls	function
logfiles	function
original	function
overload	function

possiblepath	function
redefine	function
register	function
registerbinary	function
registerlibrary	function
registerroot	function
registerrunner	function
report	function
setfilenamelogger	function
setlogger	function
setreporter	function
settrace	function
validfilename	function

scripts (context)

autofontfeature table

F disable

F enable

F handler

colors data table

decomposehangul function

defaults table

N inter_char_half_shrink_factor

N inter_char_half_stretch_factor

N inter_char_hangul_penalty

N inter_char_quarter_shrink_factor

N inter_char_quarter_stretch_factor

N inter_char_shrink_factor

N inter_char_stretch_factor

N inter_word_stretch_factor

getdata function

getinjector function

getsplitter function

getstatus function

handlers data table

helpers data table

injectors data table

inserters table

F nobreakspace_after

F nobreakspace_before

F space_after

F space_before

F zerowidthspace_after

F zerowidthspace_before

installdataset function

installmethod function

numbertodataset data table

numbertohandler data table

reset function

set function

setstatus function

splitters data table

serial (context)

__gc function
__name string
__tostring function
close function

open function
send function
tostring function
write function

set (context)

contains function
create function
tolist function

tonumber function
totable function

sha2 (extra lua)

HASH256 function
HASH384 function
HASH512 function
HEX256 function
HEX384 function
HEX512 function
digest256 function
digest384 function
digest512 function

hash256 function
hash384 function
hash512 function
hex256 function
hex384 function
hex512 function
sum256 function
sum384 function
sum512 function

sio (extra lua)

read2dot14 function
readbytes function
readbytetable function
readcardinal1 function
readcardinal1le function
readcardinal2 function
readcardinal2le function
readcardinal3 function
readcardinal3le function
readcardinal4 function
readcardinal4le function
readcardinaltable function
readcline function
readcstring function
readfixed2 function
readfixed4 function
readinteger1 function

readinteger1le function
readinteger2 function
readinteger2le function
readinteger3 function
readinteger3le function
readinteger4 function
readinteger4le function
readintegertable function
tocardinal1 function
tocardinal1le function
tocardinal2 function
tocardinal2le function
tocardinal3 function
tocardinal3le function
tocardinal4 function
tocardinal4le function

socket (extra lua)

BLOCKSIZE	number	sinkt	table
_SETSIZE	number	F close-when-done	
_SOCKETINVALID	number	F default	
bind	function	F http-chunked	
choose	function	F keep-open	
connect	function	skip	function
connect4	function	sleep	function
connect6	function	source	function
dns	table	sourcet	table
F getaddrinfo		F by-length	
F gethostname		F default	
F getnameinfo		F http-chunked	
F tohostname		F until-closed	
F toip		tcp	function
gettime	function	tcp4	function
headers	table	tcp6	function
F lower		tp	table
F normalize		N TIMEOUT	
http	table	F connect	
N TIMEOUT		try	function
S USERAGENT		url	table
F genericform		F absolute	
F open		F build	
F request		F build_path	
newtry	function	F escape	
protect	function	F parse	
report	function	F parse_path	
select	function	F unescape	
sink	function		

sorters (context)

basicsorter function
comparers table
 F basic
constants table
 S defaultdigits
 S defaultlanguage
 S defaultmethod
 N digitsmaximum
 N digitsoffset
 N ignoredoffset
 N replacementoffset
definitions data table

firstofsplit function
packch function
packuc function
replacementlist function
setlanguage function
sort function
splitters table
 F utf
strip function
tracers data table
update function

sparse (extra lua)

concat function
get function
max function
min function
new function

range function
restore function
set function
traverse function
wipe function

statistics (context)

benchmarktimer function
checkfmtstatus function
currenttime function
elapsed function
elapsedindeed function
elapsedseconds function
elapsedtime function
enable boolean
feedback table
 F info
 F processtates
 F register
 F reportstates
 F setstate
formatruntime function

hastiming function
memused function
register function
resettiming function
runtime function
savefmtstatus function
show function
showmemory function
showusage function
starttiming function
stoptiming function
threshold number
timed function
tracefunction function

status (basic tex)

getbalancestate	function	getluastate	function
getbufferstate	function	getmarkstate	function
getcallbackstate	function	getmvlstate	function
getconstants	function	getneststate	function
geterrorlinestate	function	getnodestate	function
geterrorstate	function	getparameterstate	function
getexpandstate	function	getpoolstate	function
getfilestate	function	getreadstate	function
getfontstate	function	getsavestate	function
gethalferrorlinestate	function	getsparsestate	function
gethashstate	function	getstringstate	function
gethyphenationstate	function	gettexstate	function
getinputstate	function	gettokenstate	function
getinsertstate	function	getwarningstate	function
getlanguagestate	function	iocodes	table
getlinebreakstate	function	list	function
getlookupstate	function	resetmessages	function

storage (context)

allocate	function	noftables	number
data	table	register	function
mark	function	shared	data table
marked	function	storedfunctions	data table
max	number	strip	boolean
min	number	tofmodules	number
nofmodules	number	toftables	number

streams (context)

collect function
disable function
enable function
flush function
initialize function

push function
start function
stop function
synchronize function

string (basic lua)

autodouble	function	optionalquoted	function
autosingle	function	pack	function
booleanstring	function	packrowscolumns	function
byte	function	packsize	function
bytepairs	function	quote	function
bytes	function	quoted	function
bytetable	function	rep	function
char	function	replacenewlines	function
characterpairs	function	reverse	function
characters	function	split	function
checkedsplit	function	splitintolines	function
chrtointeger	function	splitlines	function
collapsespaces	function	splitup	function
containsws	function	strip	function
count	function	sub	function
dectointeger	function	texhashed	function
dump	function	texnewlines	function
escapedpattern	function	tformat	function
escapedquotes	function	toHEX	function
f6	function	toboolean	function
find	function	tobytes	function
format	function	tocontext	function
formatter	function	todec	function
formatters	function	todimen	function
fullstrip	function	tohex	function
gmatch	function	tonodes	function
gsub	function	topattern	function
hashes	table	totable	function
hextocharacters	function	tounicode16	function
hextointeger	function	toutf	function
is_boolean	function	toutf16	function
is_empty	function	toutf32	function
itself	function	toutf8	function
len	function	tracedchar	function
limit	function	unescapedquotes	function
linetable	function	unpack	function
longtostring	function	unquote	function
lower	function	unquoted	function
match	function	upper	function
nospaces	function	utf16toutf8	function
octtointeger	function	utfcharacter	function

utfcharacters function
utfcharacter**table** function
utflength function
utfpadd function
utfpadding function
utftabletostring function

utfvalue function
utfvalues function
utfvaluetable function
valid function
wordsplitter function

structures (context)

allocation	function	F reset
blocks	table	F restart
D collected		F restore
F define		F save
F empty		F set
F print		F setlevel
F save		F setoffset
F select		F setown
F setstate		F setstate
D states		F setvalue
D tobesaved		F subs
F uservariable		D tobesaved
bookmarks	table	F value
F finalize		F way
F flatten		currentsectionnumber function
F installhandler		descriptions table
F merge		documents table
S method		D data
F overload		F initialize
F place		F preset
F register		F reset
F setopened		floats table
F setup		formulas table
counters	table	helpers table
F add		F analyze
F analyze		F formulanumber
F check		F merged
D collected		F page
F compact		F pageofinternal
F converted		F prefix
F currentvalue		F prefixlastpage
D data		F prefixpage
F define		F simplify
F first		F title
F get		F touserdata
F last		inserts table
F next		F attach
F prev		D data
F previous		F define
F raw		F detach
F record		F getdata

F getlocation
F getname
F getnumber
F nofdetached
F setlocation
F setup
D stored

itemgroups table

D collected
D tobesaved

lists table

F addto
F analyze
F bookmark
D cached
D collected
F discard
F enhance
F external
F filter
F formulanumber
F getresult
F groupindex
F hasnumberdata
F haspagedata
F hastitledata
F integrate
F iscached
D kinds
F label
F location
D names
F number
D ordered
F page
F popnesting
F prefix
F prefixednumber
F prefixedpage
F process
D pushed
F pushnesting
F rawnumber
F rawrealpage

F rawuserpage
F realpage
F reorder
F reordered
F savedlistnumber
F savedlistprefixednumber
F savedlisttitle
D sectionblocks
F size
F title
D tobesaved
F use
F userdata
F userpage
F uservalue

marks table

F number
F title

notes table

F checkpagechange
F define
F flushrange
F get
F getdeltapage
F getinternal
F getn
F getstate
F getstorecount
F getstoreflushed
F hascontent
F internal
F internalid
F listindex
D numbers
F ordered
F postpone
F resetpostponed
F restore
F save
F setstate
D states
F store

pages table

F allmarked

F analyze
 D collected
 F fraction
 F getlabels
 F in_body
 F is_odd
 F mark
 F marked
 F markedlist
 N nopages
 F number
 F on_right
 F save
 D tobesaved
 F toranges

references

table

F analyze
 F checked
 F checkedfile
 F checkedfileorurl
 F checkedprogram
 F checkedrealpage
 F checkedurl
 D collected
 U componentsplitter
 F currentmetadata
 F currentorder
 D currentset
 F define
 D defined
 D derived
 F enhance
 D executers
 F export
 F filter
 F filterdefault
 D filters
 D flaginternals
 F forceinnermode
 F from
 D functions
 F get
 F getcurrentlabel
 F getcurrentmetadata

F getcurrentprefixspec
 F getinnermethod
 F getinternalcachedlistreference
 F getinternallistreference
 F getinternalreference
 F getoutermethod
 D handlers
 F identify
 F import
 F inject
 F injectcurrentset
 S innermethod
 F integrate
 D internals
 F load
 F loadpresets
 F mark
 S outermethod
 F pagefromhash
 D pages
 U prefixsplitter
 D productdata
 F realpageofpage
 F referenced
 U referencesplitter
 D referred
 F referredpage
 F registerfinalizer
 F registerinitializer
 F registerpage
 F reset
 D runners
 F set
 F setandgetattribute
 F setinternalreference
 F setlinkmethod
 F setnextinternal
 F setnextorder
 F setreferencerealpage
 F setstructure
 D specials
 F splitcomponent
 F splitprefix
 F splitreference

F synchronizepage
D tobereferred
D tobesaved
D tracedpages
D usedinternals
D usedviews
F valid

registers table

F analyze
D collected
F compare
F define
F enhance
F extend
F filter
F filtercollected
F finalize
F findinternal
F flush
F get
F integrate
F prepare
F process
F setmethod
F sort
F store
D tobesaved
F tweak
F unique
F use
F userdata

sections table

F autodepth
F cct
D collected
F current
F currentblock
F currentid
F currentlevel
F currentsectionindex
F depthnumber
F finddata
F findnumber
F fullnumber

F getcurrentlevel
F getlevel
F getnumber
F internalreference
D levelmap
D levels
F matchingtilldepth
F numberatdepth
F numbers
F popblock
F prefixedconverted
F pushblock
F register
D registered
F reportstructure
F save
F set
F setblock
F setchecker
F setentry
F setinitialblock
F setlevel
F setnumber
F showstructure
F structuredata
F title
D tobesaved
F typesetnumber
F userdata
B verbose

sets table

F define
F get
F getall
D setlist

specials table

D collected
F retrieve
F store
D tobesaved

synonyms table

F analyzed
D collected
F compare

F define
F enhance
F filter
F finalize
F firstuserpage
F flush
F isshown
F isused
F meaning
F pages
F prepare
F process
F register
F registershown
F registerused
F reset
F resetall
F resetlist
F resetshown
F resetused
F sort
F synonym
D tobesaved
F userpages

tags

F analyze
F checknesting
F current
F elementtag
F enabled
F exportbox
F finishexport
F getdescriptionindex
F getextradata
F getid
F getitemgroup
F getmetadata
F getoption
F getsorting
F getsynonym
F gettablecell
F gettabulatecell
F gettagreferencedescription
F handler

table

F initializeexport
D labels
F last
F lastinchain
F localexport
F locatedtag
D overloads
F pop
D properties
F push
F registerextradata
F registermetadata
F restart
F setaspect
F setattributehash
F setcodepoint
F setcombination
F setcombinationpair
F setconstruct
F setdescriptionindex
F setfigure
F setfloat
F setformulacontent
F sethighlight
F setitem
F setitemgroup
F setmpgraphic
F setnotation
F setnotationsymbol
F setparagraph
F setproperty
F setpublication
F setregister
F setsorting
F setsynonym
F settablecell
F settabulatecell
F settagdelimitedsymbol
F settagsubsentencesymbol
F setupexport
F setuserproperties
D specifications
F start
F stop

F strip

D taglist

table (basic lua)

append	function	pack	function
are_equal	function	prepend	function
combine	function	print	function
compact	function	remove	function
concat	function	reverse	function
contains	function	reversed	function
copy	function	save	function
count	function	sequenced	function
create	function	serialize	function
derive	function	setmetatablecall	function
deserialize	function	setmetatableindex	function
fastcopy	function	setmetatableindices	function
fastserialize	function	setmetatablenewindex	function
filtered	function	sort	function
flattened	function	sorted	function
fromhash	function	sortedhash	function
getn	function	sortedhashkeys	function
has_one_entry	function	sortedhashonly	function
hashed	function	sortedindexonly	function
identical	function	sortedkeys	function
imerge	function	sortedpairs	function
imerged	function	sparse	function
insert	function	strip	function
is_empty	function	sub	function
is_simple_table	function	swapped	function
keys	function	tocontext	function
load	function	tocsv	function
loweredkeys	function	tofile	function
makeweak	function	tohandle	function
merge	function	tohash	function
merged	function	toxml	function
mirrored	function	unique	function
move	function	unpack	function

tex (basic tex)

amcode	table	discoptioncodes	data table
attribute	table	discpartcodes	data table
attributetracking	function	dontcomplain	function
automigrationcodes	data table	doublescriptoptioncodes	data table
autoparagraphcodes	data table	enableprimitives	function
badness	function	error	function
badnessmodecodes	data table	expandasvalue	function
balance	function	experiments	data table
balancecallbackcodes	data table	extraprimitives	function
boundaries	table	fatalerror	function
D names		fillcodes	data table
D numbers		flagcodes	data table
F system		fontidentifier	function
box	table	fontname	function
boxoptioncodes	data table	forcehmode	function
boxresources	table	forceinputstatefile	function
F getbox		forceinputstateline	function
F getdimensions		fprint	function
F save		frozenparcodes	data table
F use		get	function
breakcodes	data table	getadjustoptionvalues	function
buildcodes	data table	getalignmentcontextvalues	function
catcode	table	getamcode	function
cccode	table	getappendadjustcontextvalues	function
charactercontrolcodes	data table	getappendmigratecontextvalues	function
charactertagcodes	data table	getattribute	function
chardef	function	getautomigrationvalues	function
classoptioncodes	data table	getautoparagraphvalues	function
codes	table	getbadnessmodevalues	function
conditionals	data table	getbalancecallbackvalues	function
constants	data table	getbalanceparameterfields	function
count	table	getbalanceresultfields	function
cprint	function	getbalancestepoptionvalues	function
ctdcatcodes	number	getbox	function
ctxcatcodes	number	getboxdir	function
definefont	function	getboxoptionvalues	function
delcode	table	getboxresourcebox	function
dimen	table	getboxresourcedimensions	function
dimensiondef	function	getbreakcontextvalues	function
directioncodes	data table	getbuildcontextvalues	function
directives	data table	getcardinalvalue	function

getcatcode	function	getinsertcontent	function
getcccode	function	getinsertdepth	function
getcharactercontrolvalues	function	getinsertdistance	function
getcharactertagvalues	function	getinsertheight	function
getcount	function	getinsertlimit	function
getcurrentmvl	function	getinsertmaxplaced	function
getdelayedgluelocationvalues	function	getinsertmultiplier	function
getdelayedgluetargetvalues	function	getinsertoptionvalues	function
getdelcode	function	getinsertsplitvalues	function
getdelcodes	function	getinsertwidth	function
getdimen	function	getintegervalue	function
getdimensionvalue	function	getinteraction	function
getdirectionvalues	function	getinteractionmodes	function
getdiscoptionvalues	function	getiovalues	function
getdiscpartvalues	function	getkerneloptionvalues	function
getdoublescriptoptionvalues	function	getkernoptionvalues	function
getemptyparagraphmodevalues	function	getlargestusedmark	function
geterrorrecoverymodevalues	function	getlccode	function
geterrorvalues	function	getlinebreakparameterfields	function
getfillvalues	function	getlinebreakresultfields	function
getflagvalues	function	getlinebreakstatevalues	function
getfloat	function	getlinedir	function
getfontdimension	function	getlist	function
getfontoffamily	function	getlistanchorvalues	function
getfrozenparvalues	function	getlistfields	function
getglue	function	getlistgeometryvalues	function
getglueoptionvalues	function	getlistsigvalues	function
getglyphdata	function	getlocalbox	function
getglyphdiscvalues	function	getlocalboxlocations	function
getglyphoptionvalues	function	getlocallevel	function
getglyphprotectionvalues	function	getmark	function
getglyphscales	function	getmarknames	function
getglyphscript	function	getmath	function
getglyphstate	function	getmathclassoptionvalues	function
getgroupvalues	function	getmathcode	function
gethccode	function	getmathcodes	function
gethelptext	function	getmathcontrolvalues	function
gethmcode	function	getmathdir	function
gethyphenationvalues	function	getmathgluevalues	function
getiftypes	function	getmathoptionvalues	function
getinputstatefile	function	getmathparametervalues	function
getinputstateline	function	getmathscriptordervalue	function
getinputstatemode	function	getmathscriptsmodevalues	function
getinsertcategoryvalues	function	getmathstylenamevalues	function

getmathstylevalues	function	getsfcode	function
getmathstylevariant	function	getshapingpenaltiesvalues	function
getmathsurroundvalues	function	getskip	function
getmathvariantpresets	function	getsnappingvalues	function
getmathvariantvalues	function	getspacefactorvalues	function
getmeasure	function	getspaceskipvalues	function
getmissingcharactervalues	function	getspcode	function
getmode	function	getspecialmathclassvalues	function
getmodevalues	function	getspecification	function
getmuglue	function	getspecificationoptionvalues	function
getmuskip	function	gettextcontrolvalues	function
getmvloptionvalues	function	gettextdir	function
getnest	function	gettoks	function
getnestfields	function	getuccode	function
getnestlevel	function	getuleaderlocationvalues	function
getnoadoptiovalues	function	getunitclassvalues	function
getnormalizelinevalues	function	getusedmarks	function
getnormalizeparvalues	function	getvsplitcontextvalues	function
getnospacesmodevalues	function	glue	table
getoutputactive	function	glueoptioncodes	data table
getpacktypevalues	function	glyphdiscodes	data table
getpagecontextvalues	function	glyphoptioncodes	data table
getpagestate	function	groupcodes	data table
getpagestatevalues	function	hashtokens	function
getparagraphfillmodevalues	function	hccode	table
getparagraphoptionvalues	function	hmcode	table
getparametermodevalues	function	hshcatcodes	number
getparcontextvalues	function	hyphenationcodes	data table
getpardataspecifications	function	ifs	data table
getpardir	function	inimatcodes	number
getparmodevalues	function	insertcategorycodes	data table
getparstate	function	insertoptioncodes	data table
getparstatefields	function	insertsplitcodes	data table
getpartriggervalue	function	integerdef	function
getpenaltyoptionvalues	function	interactioncodes	data table
getpositvalue	function	isattribute	function
getprepoststatevalues	function	isbox	function
getprimitivelegacies	function	iscount	function
getprimitiveorigins	function	isdefined	function
getprotrusionboundaryvalues	function	isdimen	function
getregisterindex	function	isfloat	function
getruleoptionvalues	function	isglue	function
getrunstate	function	ismuglue	function
getrunstatevalues	function	ismuskip	function

isprintable	function	N maxbytecodeindex
isskip	function	N maxcalculatedbadness
istoks	function	N maxcardinal
lastnodetype	function	N maxcharactercode
lccode	table	N maxdatavalue
linebreak	function	N maxdimen
linebreakstatecodes	data table	N maxdimenregisterindex
listanchorcodes	data table	N maxdimension
listgeometrycodes	data table	N maxdimensionregisterindex
lists	table	N maxendlinecharacter
listsigncodes	data table	N maxfloatregisterindex
luacatcodes	number	N maxfontadjustshrinkfactor
magicconstants	table	N maxfontadjuststep
S activecharacternamespace		N maxfontadjuststretchfactor
N allfitnessvalues		N maxfunctionreference
N assumedmathcontrol		N maxgluerregisterindex
N awfulbad		N maxhalfvalue
N decentcriterion		N maxhalfword
N defaultcatcodetable		N maxinteger
N defaultcharactercontrol		N maxintegerregisterindex
N defaultdeadcycles		N maxintregisterindex
N defaulteqnogapstep		N maxlimitedscale
N defaulthangafter		N maxmarkindex
N defaultoutputbox		N maxmathclasscode
N defaultpredisplaygap		N maxmathfamilyindex
N defaultrule		N maxmathscalingsfactor
N defaultspacefactor		N maxmathstylescale
N defaulttolerance		N maxmuglueregisterindex
N deplorable		N maxmvlindex
N ejectpenalty		N maxnewlinecharacter
N ignoreddepth		N maxnofbytecodes
N infinitebad		N maxnofcatcodetables
N infinitepenalty		N maxnoffitnessvalues
N infinity		N maxnoffonts
N largewidthexcess		N maxnoflanguages
N loosecriterion		N maxnofmarks
N mathallclass		N maxnofmathfamilies
N mathbeginclass		N maxquarterword
N mathdefaultpenalty		N maxscalefactor
N mathendclass		N maxsizeofword
N mathfirstuserclass		N maxspacefactor
N mathlastuserclass		N maxtoksregisterindex
N maxattributeregisterindex		N maxtwinlength
N maxboxregisterindex		N mincardinal

N mindatavalue		N vertical	
N mindimen		modes	data table
N mindimension		mprint	function
N minhalfword		muglue	table
N mininfinity		muskip	table
N mininteger		mvloptioncodes	data table
N minmvlindex		nest	table
N minnofitnessvalues		nilcatcodes	number
N minquarterword		noadoptioncodes	data table
N minscalefactor		normalizelinecodes	data table
N minspacefactor		normalizeparcodes	data table
N nocatcodetable		nospacesodecodes	data table
N null		notcatcodes	number
N nullflag		number	function
N nullfont		overloadpermitted	function
N onebp		paragraphfillmodecodes	data table
N presetrulethickness		paragraphoptioncodes	data table
N runningrule		parcontextcodes	data table
N smallstretchability		partriggercodes	data table
N specialspacefactor		penaltyoptioncodes	data table
N texeqtbsize		poplocal	function
N texhashprime		popsavelevel	function
N texhashsize		posit	table
N texmemorymode		positdef	function
N two		preparelinebreak	function
N undefinedmathparameter		primitives	function
N unity		print	function
N unusedattributevalue		protrusionboundarycodes	data table
N unusedmathfamily		prtcacodes	number
N unusedmathstyle		pushlocal	function
N unusedscriptvalue		pushsavelevel	function
N unusedstatevalue		quitlocal	function
N zeroglue		quittoks	function
mathchardef	function	resetparagraph	function
mathcode	table	rlncatcodes	number
mathcontrolcodes	data table	romannumeral	function
mathoptioncodes	data table	round	function
mathparametercodes	data table	ruleoptioncodes	data table
mathscriptordercodes	data table	runlocal	function
mathscriptsmodecodes	data table	runstatecodes	data table
modelevels	table	runstring	function
N horizontal		runtoks	function
N math		saveboxresource	function
N unset		scale	function

scantoks	function	setrunstate	overloaded function
set	function	setsfcode	function
setamcode	function	setskip	function
setattribute	function	setspcode	function
setbalanceshape	function	settexmdir	function
setbox	function	settoks	function
setboxdir	function	setuccode	function
setcardinalvalue	function	sfcode	table
setcatcode	function	shapingpenaltiescodes	data table
setcccode	function	shiftparshape	function
setconditional	function	shipout	function
setcount	function	showcontext	function
setdelcode	function	skip	table
setdimen	function	snappingcodes	data table
setdimensionvalue	function	snapshotpar	function
setfloat	function	sp	function
setglue	function	spacefactorcodes	data table
setglyphdata	function	spaceskipcodes	data table
setglyphscript	function	specialmathclasscodes	data table
setglyphstate	function	specificationoptioncodes	data table
sethccode	function	splitbox	function
sethmcodes	function	splitcodes	data table
setinputstatefile	function	sprint	function
setinputstateline	function	stringtocodesbitmap	function
setinputstatemode	function	systemmodes	data table
setinsertcontent	function	takebox	function
setinsertdistance	function	textcatcodes	number
setinsertlimit	function	textcontrolcodes	data table
setinsertmaxplaced	function	toks	table
setinsertmultiplier	function	tonumber	function
setintegervalue	function	toscaled	function
setinteraction	function	tpacatcodes	number
setlcode	function	tpbcacodes	number
setlinedir	function	tprint	function
setlist	function	trackedattribute	function
setlocalbox	function	trackers	data table
setmath	function	triggerbuildpage	function
setmathcode	function	txtcatcodes	number
setmathdir	function	uccode	table
setmuglue	function	uprint	function
setmuskip	function	useboxresource	function
setnest	function	userdiscoptioncodes	data table
setpardir	function	userglyphoptioncodes	data table
setpositvalue	function		

vrbcategories
write

number
function

texconfig (basic tex)

bufferize	table	languagesize	table
N size		N size	
N step		N step	
errorlinesize	table	marksize	table
N size		N size	
expandsize	table	N step	
N size		nestsize	table
filesize	table	N size	
N size		N step	
N step		nodesize	table
firstline	string	N size	
fontsize	table	N step	
N size		parametersize	table
N step		N size	
formatname	string	N step	
functionsized	number	poolsize	table
halferrorlinesize	table	N size	
N size		N step	
hashsize	table	propertyssize	number
N size		savesize	table
N step		N size	
init	overloaded function	N step	
inputsize	table	shell_escape	string
N size		stringsize	table
N step		N size	
insertsize	table	N step	
N size		tokensize	table
N step		N size	
kpse_init	boolean	N step	

texio (basic tex)

closeinput function
forceendoffile function
getinputindex function
getselectorvalues function
getsourcefilename function
setlogfile function
terminal function

write function
write_nl function
writeln function
writeselector function
writeselectorlf function
writeselectornl function

token (basic tex)

create	function	getexpandable	function
expand	function	getexpansion	function
expand_macro	function	getfields	function
expandmacro	function	getflags	function
future_expand	function	getfrozen	function
futureexpand	function	getfunctionvalues	function
get_active	function	getid	function
get_cmdchrsc	function	getimmutable	function
get_cmdname	function	getindex	function
get_command	function	getinstance	function
get_csname	function	getinteger	function
get_cstoken	function	getlength	function
get_dimension	function	getmacro	function
get_expandable	function	getmeaning	function
get_fields	function	getnoaligned	function
get_flags	function	getparameters	function
get_frozen	function	getpermanent	function
get_id	function	getprimitive	function
get_immutable	function	getprimitives	function
get_index	function	getprotected	function
get_instance	function	getrange	function
get_integer	function	gettok	function
get_macro	function	gettolerant	function
get_meaning	function	gobble	function
get_noaligned	function	gobble_dimension	function
get_parameters	function	gobble_integer	function
get_permanent	function	gobbledimension	function
get_primitive	function	gobbleinteger	function
get_protected	function	grab	function
get_range	function	grabstring	function
get_tok	function	inhibit	function
get_tolerant	function	is_defined	function
getactive	function	is_next_char	function
getcmdchrsc	function	is_token	function
getcmdname	function	isactivestring	function
getcommand	function	isdefined	function
getcommandvalues	function	isnextchar	function
getconstant	function	istoken	function
getcsname	function	locatemacro	function
getcstoken	function	new	function
getdimension	function	peek_next	function

<code>peek_next_char</code>	function	<code>scan_tokenlist</code>	function
<code>peek_next_expanded</code>	function	<code>scan_toks</code>	function
<code>peeknext</code>	function	<code>scan_value</code>	function
<code>peeknextchar</code>	function	<code>scan_word</code>	function
<code>peeknextexpanded</code>	function	<code>scanargument</code>	function
<code>pop_macro</code>	function	<code>scanbox</code>	function
<code>popmacro</code>	function	<code>scancardinal</code>	function
<code>push_macro</code>	function	<code>scanchar</code>	function
<code>pushmacro</code>	function	<code>scancmdchr</code>	function
<code>put_back</code>	function	<code>scancmdchrexplanded</code>	function
<code>put_next</code>	function	<code>scancode</code>	function
<code>putback</code>	function	<code>scancsname</code>	function
<code>putnext</code>	function	<code>scancstoken</code>	function
<code>save_lua</code>	function	<code>scandelimited</code>	function
<code>savelua</code>	function	<code>scandetokened</code>	function
<code>scan_argument</code>	function	<code>scandimen</code>	function
<code>scan_box</code>	function	<code>scandimenargument</code>	function
<code>scan_cardinal</code>	function	<code>scandimension</code>	function
<code>scan_char</code>	function	<code>scandimensionargument</code>	function
<code>scan_cmdchr</code>	function	<code>scanfloat</code>	function
<code>scan_cmdchr_expanded</code>	function	<code>scanglue</code>	function
<code>scan_code</code>	function	<code>scanint</code>	function
<code>scan_csname</code>	function	<code>scaninteger</code>	function
<code>scan_delimited</code>	function	<code>scanintegerargument</code>	function
<code>scan_dimen</code>	function	<code>scankey</code>	function
<code>scan_float</code>	function	<code>scankeyword</code>	function
<code>scan_glue</code>	function	<code>scankeywordcs</code>	function
<code>scan_integer</code>	function	<code>scanletters</code>	function
<code>scan_key</code>	function	<code>scanluacardinal</code>	function
<code>scan_keyword</code>	function	<code>scanluainteger</code>	function
<code>scan_keyword_cs</code>	function	<code>scanluanumber</code>	function
<code>scan_letters</code>	function	<code>scannext</code>	function
<code>scan_luacardinal</code>	function	<code>scannextchar</code>	function
<code>scan_luainteger</code>	function	<code>scannextexpanded</code>	function
<code>scan_luanumber</code>	function	<code>scanposit</code>	function
<code>scan_next</code>	function	<code>scanreal</code>	function
<code>scan_next_char</code>	function	<code>scanscale</code>	function
<code>scan_next_expanded</code>	function	<code>scanskip</code>	function
<code>scan_real</code>	function	<code>scanstring</code>	function
<code>scan_scale</code>	function	<code>scantoken</code>	function
<code>scan_skip</code>	function	<code>scantokencode</code>	function
<code>scan_string</code>	function	<code>scantokenlist</code>	function
<code>scan_token</code>	function	<code>scantokenstring</code>	function
<code>scan_token_code</code>	function	<code>scantoks</code>	function

scanvalue	function	setmacro	function
scanword	function	setmacrofrommark	function
serialize	function	setmacrotonothing	function
set_dimension	function	skip_next	function
set_integer	function	skip_next_expanded	function
set_lua	function	skipnext	function
set_macro	function	skipnextexpanded	function
setdimension	function	type	function
setinteger	function	undefine_macro	function
setlua	function	undefinemacro	function

tokens (context)

accessors	table	S todimen	
F active		S toglue	
F cmd		S tonumber	
F cmdchrsc		S tostring	
F cmdname		create	function
F command		defined	function
F csname		flags	function
F expandable		getinteger	function
F frozen		getters	table
F index		F box	
F name		F count	
F protected		F cstoken	
F range		F dimen	
astable	function	F glue	
bits	table	F macro	
N active		F meaning	
N alignment		F skip	
N begingroup		F token	
N character		gobble	function
N cclose		isactivestring	function
N comment		isdefined	function
N endgroup		istoken	function
N endofline		new	function
N escape		pickup	function
N ignore		popmacro	function
N invalid		presets	table
N letter		pushmacro	function
N mathshift		scanners	table
N open		F argument	
N other		F argumentasis	
N parameter		F array	
N space		F boolean	
N subscript		F box	
N superscript		F bracketed	
N whitespace		F bracketedasis	
cache	data table	F cardinal	
commands	data table	F char	
compile	function	F cmdchr	
constant	function	F cmdchrexplanded	
converters	table	F code	
S toboolean		F conditional	

F count	F tokencode	
F csname	F tokenlist	
F csnameunchecked	F tokens	
F delimited	F tokenstring	
F detokened	F toks	
F dimen	F value	
F dimension	F vbox	
F dimensionargument	F verbatim	
F float	F vtop	
F glue	F whd	
F gluespec	F word	
F gluevalues	setinteger	function
F hash	setters	table
F hbox	F box	
F integer	F char	
F integerargument	F count	
F ischar	F dimen	
F key	F glue	
F keyword	F lua	
F keywordcs	F macro	
F letters	F skip	
F list	shortcuts	table
F lua	N close	
F luacardinal	F inspect	
F luainteger	N open	
F luanumber	F report	
F lxmlid	F scanargument	
F next	F scanargumentasis	
F nextchar	F scanarray	
F nextexpanded	F scanboolean	
F number	F scanbox	
F optional	F scanbracketed	
F peek	F scanbracketedasis	
F peekchar	F scancardinal	
F peekexpanded	F scanclose	
F posit	F scancode	
F real	F scanconditional	
F scanclose	F scancsname	
F scanopen	F scancsnameunchecked	
F skip	F scandelimited	
F skipexpanded	F scandetokened	
F string	F scandimen	
F table	F scandimension	
F token	F scandimensionargument	

F scanfloat	F scanposit	
F scanglue	F scanstring	
F scangluespec	F scantable	
F scangluevalues	F scantokenlist	
F scanhash	F scantokenstring	
F scanhbox	F scantoks	
F scaninteger	F scanvbox	
F scanintegerargument	F scanverbatim	
F scankeyword	F scanvtop	
F scankeywordcs	F scanword	
F scanletters	F toboolean	
F scanlist	F todimen	
F scanlua	F tonumber	
F scannumber	F tostring	
F scanopen	values	data table
F scanoptional		

tracers (context)

printerror function
printwarning function

showlines function

trackers (context)

data	data table	register	function
default	function	report	function
disable	function	reset	function
done	table	savehash	function
dumphashtofile	function	show	function
enable	function	value	function
list	function	values	function
name	string		

typesetters (context)

alignments	table		
F handler			F getglobal
F set			F getmethod
breakpoints	table		F handler
F define			F installhandler
F handler			F set
D mapping			F setcolor
F set			F tomode
F setreplacement			firstlines
cases	table		table
F handler			F handler
F register			F set
F set			fontkerns
characteralign	table		table
F handler			F handler
F resetcharacteralign			F set
F setcharacteralign			injectors
characters	table		table
F handler			F check
F replacensp			F mark
F replacenspaces			F reset
checkers	table		F set
F handler			F show
F reset			italics
F set			table
cleaners	table		F enablemath
F handler			F enabletext
F set			F handler
compare	table		kerns
F handler			table
F reset			D factors
F set			F handler
F setpair			F keepligature
F setup			D mapping
corrections	table		F set
F handler			localboxes
digits	table		table
F handler			F handler
F set			manipulators
directions	table		table
F getfences			F apply
			F applyspecification
			F splitspecification
			margins
			table
			F finalhandler
			F globalhandler
			F localhandler

F save		D mapping	
marksuspects	function	F reset	
paragraphs	table	F set	
F addanchortoline		F setup	
F addtoline		stacking	table
F calculatedelta		F getindex	
F checkline		F getselection	
F moveinline		F handler	
periodkerns	table	swapping	table
D factors		F handler	
F handler		synchronize	table
D mapping		F handler	
F set		tighten	table
processors	table	F handler	
F apply		wrappers	table
F register		xtables	table
F reset		F cleanup	
F split		F construct	
F startapply		F create	
F stopapply		F finish_row	
F stripped		F flush	
F toString		F initialize_construct	
rubies	table	F initialize_reflow_height	
F attach		F initialize_reflow_width	
F check		F next_row	
showinvisibles	function	F reflow_height	
showsuspects	function	F reflow_width	
spacings	table	F set_construct	
F define		F set_reflow_height	
F handler		F set_reflow_width	

updaters (context)

apply function
register function

url (context)

addscheme function
barepath function
construct function
decode function
encode function
escape function
filename function

hashed function
hasscheme function
query function
split function
toquery function
unescape function
unescapeget function

utf8 (basic lua)

char function
charpattern string
codepoint function

codes function
len function
offset function

utilities (context)

debugger table

- F disable
- F enable
- F savestats
- F showstats
- F showtraceback

files table

- F close
- F getposition
- F getsize
- F look
- F open
- F read2dot14
- F readbyte
- F readbytes
- F readbytetable
- F readcardinal
- F readcardinal1
- F readcardinal11e
- F readcardinal2
- F readcardinal21e
- F readcardinal3
- F readcardinal31e
- F readcardinal4
- F readcardinal41e
- F readcardinaltable
- F readchar
- F readcline
- F readcstring
- F readfixed2
- F readfixed4
- F readinteger
- F readinteger1
- F readinteger11e
- F readinteger2
- F readinteger21e
- F readinteger3
- F readinteger31e
- F readinteger4
- F readinteger41e
- F readintegertable

- F readsignedbyte
- F readstring
- F readtag
- F setposition
- F size
- F skip
- F skiplong
- F skipposition
- F skipshort
- F writebyte
- F writecardinal1
- F writecardinal11e
- F writecardinal2
- F writecardinal21e
- F writecardinal3
- F writecardinal31e
- F writecardinal4
- F writecardinal41e
- F writeinteger1
- F writeinteger11e
- F writeinteger2
- F writeinteger21e
- F writeinteger3
- F writeinteger31e
- F writeinteger4
- F writeinteger41e
- F writestring

formatters table

- F formatcolumns
- F list
- F stripzeros

ghostscript table

- F convert
- F statistics

graphicmagick table

- F convert
- F statistics

graphicsmagick table

- F convert
- F statistics

json table

F load
 F tojson
 F tolua
 F tostring
lua table
 B alwaysstripcode
 F checkmemory
 F compile
 F loadedluacode
 F loadstring
 F loadstripped
 N nofstrippedbytes
 N nofstrippedchunks
 F registerfinalizer
 B stripcode
 F strippedloadstring
packers table
 F hashed
 F new
 F pack
 F simplehashed
 F strip
 F unpack
 N version
parsers table
 F add_settings_to_array
 F arguments_to_table
 F array_to_string
 F csvsplitter
 F getparameters
 F groupdsplitat
 F hash_to_string
 F iterator
 F keq_to_hash
 F listitem
 F make_settings_to_hash_pattern
 F mergehashes
 F options_to_array
 F options_to_hash
 F process_stripped_settings
 F rfc4180splitter
 F runtime
 F settings_to_array
 F settings_to_array_obey_fences

F settings_to_array_with_repeat
 F settings_to_hash
 F settings_to_hash_colon_too
 F settings_to_hash_strict
 F settings_to_hash_tolerant
 F settings_to_numbers
 F settings_to_set
 F simple_hash_to_string
 F splitmethod
 F splitthousands
 F stepper
 F stripped_settings_to_array
 F totime
 F unittotex
 F unittoxml
randomizer table
 F get
 F getnumber
 F getrepeatable
 F getrepeatableseed
 F getseed
 F newrepeatable
 F popseed
 F pushseed
 F repeatable
 F reuseseed
 F setseed
 F setseedi
randomizers table
 F poisson
sequencers table
 F appendaction
 F appendgroup
 F compile
 F disableaction
 F disablegroup
 F enableaction
 F enablegroup
 D functions
 F localize
 F new
 F nodeprocessor
 F prependaction
 F prependgroup

F removeaction
F replaceaction
F setkind
F toString

setters table

F disable
F enable
F initialize
F list
F new
F register
F report
F reset
F show

signals table

S configuration
F initialize
F loadstate
F report
F savestate
F serialclose
F serialfast
F serialopen
S serialprefix
F serialsend
F serialwrite
N version

stacker table

F new

storage table

F allocate
F checked
F mark
F marked
F setinitializer
F sparse

streams table

F close
F getposition
F getsize
F getstring
F look
F open
F openstring

F read2dot14
F readbyte
F readbytes
F readbytetable
F readcardinal
F readcardinal1
F readcardinal1le
F readcardinal2
F readcardinal2le
F readcardinal3
F readcardinal3le
F readcardinal4
F readcardinal4le
F readcardinaltable
F readchar
F readcline
F readcstring
F readfixed2
F readfixed4
F readinteger
F readinteger1
F readinteger1le
F readinteger2
F readinteger2le
F readinteger3
F readinteger3le
F readinteger4
F readinteger4le
F readintegertable
F readsignedbyte
F readstring
F setposition
F size
F skip
F skipbytes
F skiplong
F skipshort
F tocardinal1
F tocardinal1le
F tocardinal2
F tocardinal2le
F tocardinal3
F tocardinal3le
F tocardinal4

F tocardinal4le

strings table

F collapse

F collapsecrLf

F newcollector

F newrepeater

F striplines

F tabtospace

tables table

F accesstable

F definedtable

F definetable

F encapsulate

F insertaftervalue

F insertbeforevalue

F migratetable

F removevalue

F replacevalue

tar table

F closearchive

F openarchive

templates table

F load

F replace

F replacer

F resolve

zipfiles table

F close

F found

F hash

F list

F open

F unzip

F unzipdir

F zipdir

vector (context)

add	function	homogenize	function
append	function	identity	function
average	function	inner	function
ceiling	function	insert	function
checkoverlap	function	inverse	function
collectoverlap	function	ismesh	function
concat	function	issingular	function
contour	table	isvector	function
F average		iszero	function
F bounds		mesh	table
F checkoverlap		F get	
F collectoverlap		F getdimensions	
F getarea		F ismesh	
F getmesh		F new	
F makemesh		F set	
F overlapping		F tostring	
F show		F totable	
F sort		F type	
copy	function	meshname	function
crossproduct	function	mul	function
delete	function	negate	function
determinant	function	new	function
div	function	normalize	function
equal	function	onecolumn	function
exchange	function	onerow	function
floor	function	product	function
get	function	remove	function
getdimensions	function	replace	function
getepsilon	function	round	function
getmesh	function	rowechelon	function
getrc	function	set	function
getrow	function	setepsilon	function
getstacking	function	setnext	function
gettype	function	setrc	function
helpers	table	setstacking	function
F points		slice	function
F transform		sort	function
F xrotation		sub	function
F xyzscale		swap	function
F yrotation		tostring	function
F zrotation		totable	function

transpose function
triangulate function

truncate function
type function

visualizers (context)

escapepatterns	data table	signal	string
getspecification	function	signalpattern	userdata
getvisualizer	function	specifications	data table
load	function	visualize	function
makenested	function	visualizebuffer	function
makepattern	function	visualizefile	function
newgrammar	function	visualizestring	function
newhandler	function	write	function
parsedxml	function	writeargument	function
pattern	function	writedefault	function
register	function	writeemptyline	function
registerescapecommand	function	writenewline	function
registerescapepline	function	writespace	function
registerescapepattern	function		

xcomplex (extra lua)

I	function	erf	function
__add	function	erfc	function
__div	function	erfcx	function
__eq	function	erfi	function
__mul	function	exp	function
__name	string	i	function
__pow	function	imag	function
__sub	function	log	function
__tostring	function	new	function
__unm	function	pow	function
abs	function	proj	function
acos	function	real	function
acosh	function	sin	function
arg	function	sinh	function
asin	function	sqrt	function
asinh	function	tan	function
atan	function	tanh	function
atanh	function	topair	function
conj	function	tostring	function
cos	function	totable	function
cosh	function	voigt	function
dawson	function	voigt_hwhm	function

xdecimal (extra lua)

__add	function	bxor	function
__band	function	conj	function
__bor	function	copy	function
__bxor	function	exp	function
__div	function	getprecision	function
__eq	function	ln	function
__idiv	function	log	function
__le	function	max	function
__lt	function	min	function
__mod	function	minus	function
__mul	function	new	function
__name	string	plus	function
__pow	function	pow	function
__shl	function	rotate	function
__shr	function	setprecision	function
__sub	function	shift	function
__tostring	function	sqrt	function
__unm	function	toengstring	function
abs	function	tonumber	function
band	function	tostring	function
bor	function	trim	function

xmath (extra lua)

acos	function	isnormal	function
acosh	function	j0	function
asin	function	j1	function
asinh	function	jn	function
atan	function	ldexp	function
atan2	function	lgamma	function
atanh	function	log	function
cbrt	function	log10	function
ceil	function	log1p	function
copysign	function	log2	function
cos	function	logb	function
cosh	function	modf	function
deg	function	nan	number
erf	function	nearbyint	function
erfc	function	nextafter	function
exp	function	pi	number
exp2	function	pow	function
expm1	function	rad	function
fabs	function	remainder	function
fdim	function	remquo	function
floor	function	round	function
fma	function	scalbn	function
fmax	function	sin	function
fmin	function	sinh	function
fmod	function	sqrt	function
frexp	function	tan	function
gamma	function	tanh	function
hypot	function	tgamma	function
inf	number	trunc	function
isfinite	function	y0	function
isinf	function	y1	function
isnan	function	yn	function

xml (context)

addentitiesdoctype	function	F family	
addspecialcode	function	F fontspecification	
after	function	F mappedstylevalue	
all	function	F padding	
applylpath	function	F size	
applyselector	function	F style	
assign	function	F stylevalue	
attribute	function	F todimension	
badinclusions	function	F variant	
before	function	F weight	
body	function	defaulthandlers	table
builtinentities	table	D file	
B amp		D parsedxml	
B apos		D string	
B gt		D tex	
B lt		D texline	
B quot		D texspace	
D verbose			
CDATA	function	defaultprotocol	string
CDATATOTEXT	function	delete	function
checkbom	function	delete_element	function
checkedempty	function	despecialized	function
checkerror	function	each	function
checknamespace	function	each_element	function
checkns	function	elements	function
cleansed	function	elementtocdata	function
collect	function	empty	function
collect_elements	function	entities	data table
collect_tags	function	erase	function
collect_texts	function	errorhandler	function
collected	function	escaped	function
collecttexts	function	expand	function
compactelement	function	expressions	table
content	function	F attribute	
convert	function	F boolean	
copy	function	F child	
count	function	F contains	
cprint	function	F count	
css	table	F error	
F applyselector		F find	
F colorspecification		F hasclass	
F dimension			

F idstring		insertcomment	function
F lower		inspect	function
F name		is_valid	function
F number		kind	function
F oneof		last	function
F print		lastmatch	function
F quit		load	function
F tag		lpath	function
F text		lpathcached	function
F undefined		lpathcalls	function
F upper		lshow	function
fillin	function	makestandalone	function
filter	function	match	function
finalizers	table	mml	table
F paragraphs		F stripped	
first	function	F verbose	
found	function	name	function
functions	table	newhandlers	function
F classes		nodesettostring	function
F hasclass		originalload	function
getbuffer	function	package	function
gethandlers	function	parent	function
gethandlersfunction	function	parsedentitylpeg	userdata
helpers	table	pihandlers	table
F recursetext		F injector	
include	function	F tex	
inclusion	function	placeholders	table
inclusions	function	F unknown_any_entity	
index	function	F unknown_dec_entity	
inheritattributes	function	F unknown_hex_entity	
inheritedconvert	function	popmatch	function
inject	function	position	function
inject_element	function	privatecodes	data table
inject_element_after	function	privatetoken	function
inject_element_before	function	process	function
injectafter	function	process_attributes	function
injectbefore	function	process_elements	function
insert	function	processattributes	function
insert_element	function	profiled	table
insert_element_after	function	pure	function
insert_element_before	function	pushmatch	function
insertafter	function	raw	function
insertbefore	function	registerentity	function
insertcdata	function	registerns	function

reindex	function	specialhandler	table
remap_name	function	sprint	function
remap_namespace	function	string	function
remap_tag	function	strip	function
remapname	function	strip_whitespace	function
remapnamespace	function	stripelement	function
remaptag	function	stripleadingspaces	function
rename	function	table	function
renamespace	function	text	function
reparsedentitylpeg	userdata	textonly	function
replace	function	texttocdata	function
replace_element	function	tocdata	function
resetinjectors	function	toelement	function
resolvens	function	tostring	function
root	function	totable	function
save	function	toxml	function
selection	function	tprint	function
separate	function	traverse	function
serialize	function	unescaped	function
serializetotext	function	unescapedentitylpeg	userdata
setcdata	function	unprivatized	function
setcomment	function	unspecialized	function
sethandlersfunction	function	wipe	function
setinjectors	function	withelement	function
setproperty	function	withelements	function
settings	function	wrap	function
specialcodes	data table	xmlns	table

xzip (extra lua)

adler32 function
compress function
compresssize function

crc32 function
decompress function
decompresssize function

zip (context)

archives

table

closearchive

function

openarchive

function

registeredfiles

table

zlib (context)

adler32 function
compress function
compresssize function

crc32 function
decompress function
decompresssize function