

Test page for the forarray package

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1 Test of ForEach (Simple List)

```

1\begin{itemize}
2\ForEach{,}
3    {\item Item No.\ %
4        \the\thislevelcount\ is:
5        ‘‘\thislevelitem’’\{\footnotesize
6            \meaning\thislevelitem}}
7    {
8        {Hello, World!}, Sec{ond},
9        {Thi}rd,{\bf Last} item%
10   }
11\end{itemize}

```

- Item No. 1 is: “Hello, World!”
\long macro:->{Hello, World!}
- Item No. 2 is: “Second”
\long macro:->Sec{ond}
- Item No. 3 is: “Third”
\long macro:->{Thi}rd
- Item No. 4 is: “**Last** item”
\long macro:->{\bf Last} item

2 Test of ForEach (Nested)

```

1\begin{itemize}
2\ForEach{;}
3    {\item[\the\thislevelcount]
4        \raggedright\thislevelitem
5        \begin{itemize}
6        \ForEachX{,}
7            {\item Item No.\ %
8                \the\thislevelcount\ %
9                is: \thislevelitem}
10           {\thislevelitem}
11        \end{itemize}}
12    {$\alpha$, $\beta$, $\gamma$;
13    {\Large A Large Item},
14    Transparency \it test,
15    Ends \rm here.}
16\end{itemize}

```

- 1) α, β, γ
 - Item No. 1 is: α
 - Item No. 2 is: β
 - Item No. 3 is: γ
- 2) A Large Item, Transparency *test*, Ends here.
 - Item No. 1 is: A Large Item
 - Item No. 2 is: Transparency *test*
 - Item No. 3 is: Ends here.

3 Test of ForArray

```

1\parindent=0pt
2\def\MyArray{\ForArray(3){,}{*}{|}}
3\MyArray
4    {*\par\vskip 3ex\parbox{8em}{*}}
5    {
6    A,B,C;
7    \textit{A nested array:}\par
8    \MyArray{[*]\par|(*)}{1,2;3,4},b,c;
9    $\alpha$, $\beta$, $\gamma$
10   }

```

A	B	C
<i>A nested array:</i>		
[(1)(2)]	b	c
[(3)(4)]		
α	β	γ

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