



Introduction

In case you don't know, \aleph is an offspring of Ω and is maintained by Guiseppe Bilotta. This versions also provides ε - \TeX functionality. The reason for starting this effort was that users of Ω wanted a stable version. This also means that in the process of fixing some pending issues this documents appearance will change.

This is not a real manual, but just a demo document to test \aleph behaviour. Since I could not locate manuals for Ω (apart from some minimal technical notes) we have to invent the wheel. For that I rely on power users like Idris Samawi Hamid.

In due time, CONTEXT will provide control over combined left-right and right-left type-setting. Although \aleph provides suitable paragraph building routines, most of the structure and control needs to come from a macro package.

I also use this document to test [dvipdfmx](#), the follow up on [dvipdfm](#). The x-version provides support for advanced PDF features, can handle big fonts, and keeps up well with developments. That way \aleph users can do nearly the same tricks as $\text{PDF}\varepsilon\text{TEX}$ users can do.

As said, it's a test document and it shows.

Hans Hagen, Hasselt NL, July 30, 2004

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aleph

1 See what you get

1.1 Text directions

1.1.1 Top: text in par

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\start \pardir TLT\relax \setups[ward]
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The Earth, as a habitat for animal life, is in old age andhas a fatal illness. Several, in fact. It would be happeningwhether humans had ever evolved or not. But our presence islike the effect of an old-age patient who smokes many packsof cigarettes per day – and we humans are the cigarettes. *The Earth, as a habitat for animal life, is in old age andhas a fatal illness. Several, in fact. It would be happeningwhether humans had ever evolved or not. But our presence islike the effect of an old-age patient who smokes many packsof cigarettes per day – and we humans are the cigarettes.* The Earth, as a habitat for animal life, is in old age andhas a fatal illness. Several, in fact. It would be happeningwhether humans had ever evolved or not. But our presence islike the effect of an old-age patient who smokes many packsof cigarettes per day – and we humans are the cigarettes.

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1.1.5 Bottom

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'tcaf ni 'lareveS 'ssenlli lataf a sahdna ega dlo ni si 'efil lamina rof tatibah a sa 'htraE ehT ekilsi ecneserp ruo tuB 'ton ro devlove reve dah snamuh rehtehwgnineppah eb dluow tl ew dna – yad rep setteragic foskcap ynam sekoms ohw tneitap ega-dlo na fo tceffe eht *The Earth' as a habitat for animal life' is in old age and has a 'setteragic eht era snamuh fatal illness' several' in fact' It would be happening whether humans had ever evolved or not' but our presence is like the effect of an old-age patient who smokes many packs of lamina rof tatibah a sa 'htraE ehT cigarettes per day – and we humans are the cigarettes'* rehtehwgnineppah eb dluow tl 'tcaf ni 'lareveS 'ssenlli lataf a sahdna ega dlo ni si 'efil tneitap ega-dlo na fo tceffe eht ekilsi ecneserp ruo tuB 'ton ro devlove reve dah snamuh 'setteragic eht era snamuh ew dna – yad rep setteragic foskcap ynam sekoms ohw

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1.2 Math directions

$1+2=3$ and $(\sqrt[12]{123})^2$

$1+2=3$ and $(\sqrt[12]{123})^2$

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$$1 + 2 = 3 \text{ and } (\sqrt[12]{123})^2$$

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\mathdir TRT\relax $1+2=3$ and $(\root{12}\of{123})^2$
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$$3 = 2 + 1 \text{ and } \sqrt[2]{321}$$

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\mathdir BRB\relax $1+2=3$ and $(\root{12}\of{123})^2$
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\mathdir BLB\relax $1+2=3$ and $(\root{12}\of{123})^2$
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$$1 + 2 = 3 \text{ and } (\sqrt[12]{123})^2$$

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\mathdir LTL\relax $1+2=3$ and $(\root{12}\of{123})^2$
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$$1 + 2 = 3 \text{ and } (\sqrt[12]{123})^2$$

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\mathdir RTR\relax $1+2=3$ and $(\root{12}\of{123})^2$
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$$1 + 2 = 3 \text{ and } (\sqrt[12]{123})^2$$

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\mathdir RBR\relax $1+2=3$ and $(\root{12}\of{123})^2$
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$$1 + 2 = 3 \text{ and } (\sqrt[12]{123})^2$$

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\mathdir RBR\relax $1+2=3$ and $(\root{12}\of{123})^2$
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See what you get

aleph

