

# hacm.sty — typesetting h1db.

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## 1 (1). Introduction

The Arka<sup>1</sup> is a constructed language, which is extraordinarily elaborate, made largely by Seren Arbazard. One of the key points of this language is that we have an (also elaborately constructed) imaginary world, Kaldia, in which it is spoken, and by which it is affected.

This package supports your typesetting hacm, the Arka alphabet. The following nine official fonts<sup>2</sup> are available in this package:

kardinal	ᄃᄇ ᄃᄃ ᄃᄃᄃᄃᄃᄃ.
alblant	ᄃᄇ ᄃᄃ ᄃᄃᄃᄃᄃᄃ.
fenlil	<i>ᄃᄃ ᄃᄃᄃᄃᄃᄃ.</i>
nalnia	<i>ᄃᄃ ᄃᄃ ᄃᄃᄃᄃᄃᄃ.</i>
olivia	ᄃᄃ ᄃᄃ ᄃᄃᄃᄃᄃᄃ.
lantia	ᄃᄇ ᄃᄃ ᄃᄃᄃᄃᄃᄃ.
inje	ᄃᄃ ᄃᄃ ᄃᄃᄃᄃᄃᄃ.
defans	ᄃᄃ ᄃᄃ ᄃᄃᄃᄃᄃᄃ.
fialis	ᄃᄇ ᄃᄃ ᄃᄃᄃᄃᄃᄃ.

## 2 (1). License

This package is subject to the L<sup>A</sup>T<sub>E</sub>X Project Public Licence<sup>3</sup>. In particular, you can freely use, copy, distribute this package and/or works made by using this package.

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\* For any comments, discussions or invitations for a drink (especially japanese sake), please feel free to contact me at: [miyatanium\[at\]gmail\[dot\]com](mailto:miyatanium[at]gmail[dot]com)

<sup>1</sup>Official website in Japanese: <http://constructed-language.org/arka/> and in English: [http://constructed-language.org/arka/e\\_index.html](http://constructed-language.org/arka/e_index.html)

<sup>2</sup>The information on the official fonts are available on the official website above. You can also find some funny official/non-official fonts in <http://www9.atwiki.jp/hrain/> (Japanese).

<sup>3</sup><http://www.latex-project.org/lppl/lppl-1-3c.pdf>

If you want to distribute this package after some modifications, you must do it in a way that users do not confuse your work and the original one, e.g. by changing the name of the package.

### 3 (?). Usage

In order to use this package, just write `\usepackage{hacm}` in the preamble.

With this package, you have two ways to typewrite Arka words with the font  $X$  ( $X = \text{kardinal, alblant, ...}$ ). The first one is to use `\textX` command;

`\textkardinal{tu et to?}`  $\Rightarrow$  *tə eł ʃoʃ*  
`\textalblant{an axt} \textfenlil{fenlil.}`  $\Rightarrow$  *in ilʃ acnlel.*

The second one is to use `\X` command. This command changes the font of all letters in the group, after the command; for example, `\textalblant{12345}` and `{\alblant 12345}` both result in *1ʃʃ0ʃ*.

The default commands for enlarging/shrinking letters, like `\Huge` and `\tiny`, also work for hecm's.

`{\Huge \lantia kai tiina}`  $\Rightarrow$  *lic ʃccni*  
`{\tiny \fialis lis tiina}`  $\Rightarrow$  *ʃʃʃʃ*

Of course, we can rotate  $\frac{0}{\text{E}}$  (with `graphicx.sty`), or color *hrrb* (with `color.sty`). `\texttit`, `\itshape` is only supported for alblant; it makes *nalnia*. Examples are:

`{\alblant skol!}`  $\Rightarrow$  *ʃlʃllʃ*  
`{\alblant \itshape tik!}`  $\Rightarrow$  *ʃcqʃ*

### 4 (0). Things to be considered.

1. This package should include Lunar Letter, and some special commands to indicate single letters.
- J. This package should support writing boards of xelt.
- ? Is it useful to provide separate commands to write the page number, chapter number etc. with the digits in Arka (just as in this list) ?
0. On using `dvipdfm(x)`, we get too many warnings "invalid glyph name in ..." I have no idea how to fix it.

### 5 (†). History

Ver 0.1 Sep. 6, 2012, The first version.