NAME

caspar-typesetting - Makefile snippets for common typesetting tasks

SYNOPSIS

In a Makefile, write

```
include caspar/mk/docbook.mk
```

or

```
include caspar/mk/pod.mk
```

or

```
include caspar/mk/markdown.mk
```

.

DESCRIPTION

The caspar *docbook.mk*, *pod.mk* and *markdown.mk* files are Makefile snippets for common typesetting tasks, like typesetting LaTeX (see [3]), DocBook XML, DocBook SGML (see [2]), POD (see [1]) and Markdown (see [4]) documents. You just have to type `make`, instead of stuff like `jade -t tex -d caspar/print.dsl /usr/share/sgml/declaration/xml.dcl foobar.dbx`.

USAGE

In a directory where you maintain .dbx (Docbook XML) or .tex (LaTeX) files, do

```
$ echo include caspar/mk/docbook.mk > Makefile

$ vi karenina.dbx
$ make karenina.view
$ make karenina.print

$ vi svejk.tex
$ make svejk.view
$ make svejk.print

$ make
$ make clean
```

Other targets: `filename.ps`, `filename.pdf`, `filename.2ps`, `filename.html`, `filename.printbig`, `filename.dvi`.

Variables you might like to set in your Makefile: `XMLDCL` (default is `/usr/share/sgml/declaration/xml.dcl`; if you're not on a Debian GNU/Linux system, you'll likely have to adjust this), `HTML_DSL`, `PRINT_DSL`.

In a directory where you maintain .pod files, do

```
$ echo include caspar/mk/pod.mk > Makefile
$ vi lire.pod
$ perldoc ./lire.pod
$ make lire.pdf
$ make
$ less lire.overstrike-txt
$ make clean
```

Other targets: `filename.ps`, `filename.html`, `filename.txt`, ... (Similar to the ones supplied by *docbook.mk*).

In a directory where you maintain .md files, do

```
$ echo include caspar/mk/markdown.mk > Makefile
$ vi lire.md
$ make lire.html
$ make
$ make clean
```

.

EXAMPLES

Some examples: Overriding the caspar-supplied DSSSL files: Create your own print.dls and html.dsl, in the same directory as your Docbook XML files. Your Makefile should read:

```
PRINT_DSL = print.dsl
HTML_DSL = html.dsl
include caspar/mk/docbook.mk
```

Overriding the standard html-to-text convertor:

```
$ W3M=lynx make svejk.txt
```

.

FILES

caspar/mk/docbook.mk, *caspar/mk/pod.mk*, *caspar/mk/markdown.mk*.

ENVIRONMENT

For *docbook.mk*: files: `XMLDCL`, `HTML_DSL`, `PRINT_DSL`; utilities: `JADE`, `PDFJADETEX`, `PDFLATEX`, `JADETEX`, `LATEX`, `W3M`, `DVIPS`, `PSNUP`, `LPR`, `GV`; settings: `JADE_MAXER-RORS`. These variables can get adjusted in Makefile, as well as in the shell environment.

The files *pod.mk* and *markdown.mk* use no environment variables.

AUTHOR

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SEE ALSO

caspar(7) [1] perlpod(1) about Perl's Plain Old Documentation format

[2] *DocBook: The Definitive Guide* on http://docbook.org/,

[3] The LaTeX Project Homepage on http://www.latex-project.org/.

[4] John Gruber's Markdown homepage on https://daringfireball.net/projects/markdown/.

Some comments on advanced usage are in the files *docbook.mk* and *pod.mk* itself.