

\$SPAD/src/doc Makefile

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Abstract

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1 The Reference Card

This is the one-page, 2 sided reference card

— **refcard** —

```

${DVI}/refcard.pdf: ${IN}/refcard.pamphlet
@echo sd02 making ${DVI}/refcard.dvi from ${IN}/refcard.pamphlet
@(cd ${MID} ; \
cp ${IN}/refcard.pamphlet ${MID} ; \
latex refcard.pamphlet ; \
dvipdf refcard.dvi ; \
cp refcard.pdf ${DVI} ; \
rm refcard.log ; \
rm refcard.aux )
```

2 The End Papers

This document reproduces the diagrams on the inside covers of the original Jenks Axiom book but adds hyperlinks.

— **Endpapers** —

```

${DVI}/endpaper.pdf: ${IN}/endpaper.pamphlet
@echo sd03 making ${DVI}/endpaper.pdf from ${IN}/endpaper.pamphlet
@(cd ${MID} ; \
cp ${IN}/endpaper.pamphlet ${MID} ; \
mkdir -p ${MID}/ps ; \
cp ${IN}/ps/*ps* ${MID}/ps ; \
latex endpaper.pamphlet ; \
latex endpaper.pamphlet ; \
dvipdf endpaper.dvi ; \
cp endpaper.pdf ${DVI} ; \
rm endpaper.* ; \
mkdir -p ${DVI}/ps ; \
cp ${IN}/ps/*ps* ${DVI}/ps )
```

3 rosetta

The rosetta document is an effort to give a command-by-command way of moving between various computer algebra systems. It was originally created for the "rosetta" series of CDs. These rosetta CDs contained multiple, free computer algebra systems.

— **rosetta** —

```

${DVI}/rosetta.pdf: ${IN}/rosetta.pamphlet
@echo sd04 building ${DVI}/rosetta.dvi from ${IN}/rosetta.pamphlet
@(cd ${MID} ; \
cp ${IN}/rosetta.pamphlet ${MID} ; \
latex rosetta.pamphlet ; \
dvi2pdf rosetta.dvi ; \
cp rosetta.pdf ${DVI} )

```

4 The booklet command

— booklet —

```

${OUT}/booklet: ${MID}/booklet.o
@echo sd05 making ${OUT}/booklet from ${MID}/booklet.o
@(cd ${OUT} ; \
  ${CC} ${MID}/booklet.o -o booklet )

${MID}/booklet.o: ${INT}/booklet.c
@echo sd06 making ${MID}/booklet.o from ${INT}/booklet.c
@(cd ${MID} ; \
  ${CC} -c ${INT}/booklet.c )

${INT}/booklet.c: ${IN}/booklet.c.pamphlet
@echo sd07 making ${INT}/booklet.c from ${IN}/booklet.c.pamphlet
@(cd ${INT} ; \
  ${BOOKS}/tanglec ${IN}/booklet.c.pamphlet >booklet.c )

```

5 The Makefile

We need to document the commands.

— * —

```

IN=${SRC}/doc
MID=${INT}/doc
OUT=${MNT}/${SYS}/bin
STY=${OUT}/tex
DVI=${MNT}/${SYS}/doc
DOC=${INT}/doc

FILES= ${DVI}/refcard.pdf ${DVI}/endpaper.pdf ${DVI}/rosetta.pdf

CMDS=${OUT}/booklet

```

```

all: announce ${FILES} ${CMDS}
@echo sd08 finished ${IN}

announce:
@ echo =====
@ echo src/doc BUILDING DOC FILES
@ echo =====

\getchunk{booklet}
\getchunk{refcard}
\getchunk{Endpapers}
\getchunk{rosetta}

document:
@echo sd09 documenting ${SRC}/doc

clean:
@echo sd10 cleaning ${SRC}/doc

```

References

- [1] nothing