NAME

as64180, asz80, as8085, as8080 − cross assemblers for microcomputers

SYNOPSIS

as64180 [-p cpu] [-l listfile] [-o hexfile] [-d] [-s symbolfile] input
asz80 [-p cpu] [-l listfile] [-o hexfile] [-d] [-s symbolfile] input
as8085 [-p cpu] [-l listfile] [-o hexfile] [-d] [-s symbolfile] input
as8080 [-p cpu] [-l listfile] [-o hexfile] [-d] [-s symbolfile] input

DESCRIPTION

The as64180, asz80, as8085, as8080 command(s) assembles the input file into a text output file representing the program memory for a microcomputer.

Options

-p cpu Override the instruction set selection.
Valid Values for Cpu
64180, z80, Z80, 8085, 8085

-l listfile
Output a file formated with the memory address, data, and source input lines.

-o hexfile
Output the memory data image in a form accepted by most prom programmers.

-h hexfile
Same as −o.

−d Save the intermediate data file (see FILE) and abort the execution at the end of processing.

-s symbolfile
Print the symbol table values and names, one per line in the specified file.

FILES

/usr/tmp/frtXXXXXX

SEE ALSO

Frankenstein Cross Assemblers Users Manual (file base.doc) Appendix for asz80 Frankenstein Assembler (file asz80.doc)

NOTES

There is only one input file.

The program can select which subset of instructions is accepted. The program first uses the name with which it is invoked. This is scanned for a substring which indicates which set to use. The -p options overrides this selction by performing the same substring search. Finally the input file can select which subset to use with the CPU statement.

There should only be one executable file with all of its names linked to it.