

NAME

master – master device information table

DESCRIPTION

This file is used by the *config*(VIII) program to obtain device configuration information that enables it to generate the *low.s* and *conf.c* files.

The file consists of two parts, separated by a line with a dollar sign (\$) in column 1. Part one contains device information, while part two contains names of devices that have aliases. Any line with an asterisk (*) in column 1 is treated as a comment.

Part one contains lines consisting of at least 10 fields and at most 13 fields, with the fields delimited by tabs and/or blanks, as follows:

- | | |
|---------------|---|
| Field 1: | device name (8 characters maximum). |
| Field 2: | interrupt vector size (decimal, in bytes). |
| Field 3: | device mask – each “on” bit indicates that the handler exists, as follows: |
| | 000020 open handler |
| | 000010 close handler |
| | 000004 read handler |
| | 000002 write handler |
| | 000001 sgty handler. |
| Field 4: | device type indicator, as follows: |
| | 000020 immediate allocation |
| | 000010 block device |
| | 000004 character device |
| | 000002 floating vector |
| | 000001 fixed vector. |
| Field 5: | handler prefix (4 characters maximum). |
| Field 6: | device address size (decimal). |
| Field 7: | major device number for block-type device. |
| Field 8: | major device number for character-type device. |
| Field 9: | maximum number of devices per controller (decimal). |
| Field 10: | maximum bus request level (4 through 7). |
| Fields 11-13: | optional configuration table structure declarations (8 characters maximum). |

Part two contains lines with two fields each, as follows:

- | | |
|----------|--|
| Field 1: | alias of device (8 characters maximum). |
| Field 2: | reference name of device (8 characters maximum, must have occurred in part one). |

SEE ALSO

config(VIII)