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NAME

     cref − make cross reference listing

SYNOPSIS

     cref [**−acilostux123**] name ...

DESCRIPTION

     Cref makes a cross reference listing of program files in assembler or C format. The files named as arguments in the command line are searched for symbols in the appropriate syntax.

     The output report is in four columns:

```
(1)      (2)      (3)      (4)
symbol   file     see      text as it appears in file
                  below
```

     Cref uses either an *ignore* file or an *only* file. If the −**i** option is given, the next argument is taken to be an *ignore* file; if the −**o** option is given, the next argument is taken to be an *only* file. *Ignore* and *only* files are lists of symbols separated by new lines. All symbols in an *ignore* file are ignored in columns (1) and (3) of the output. If an *only* file is given, only symbols in that file appear in column (1). At most one of −**i** and −**o** may be used. The default setting is −**i.** Assembler predefined symbols or C keywords are ignored.

     The −**s** option causes current symbols to be put in column 3. In the assembler, the current symbol is the most recent name symbol; in C, the current function name. The −**l** option causes the line number within the file to be put in column 3.

     The −**t** option causes the next available argument to be used as the name of the intermediate temporary file (instead of /tmp/crt??). The file is created and is not removed at the end of the process.

     Options:

       a   assembler format (default)
       c   C format input
       i   use *ignore* file (see above)
       l   put line number in col. 3 (instead of current symbol)
       o   use *only* file (see above)
       s   current symbol in col. 3 (default)
       t   user supplied temporary file
       u   print only symbols that occur exactly once
       x   print only C external symbols
       1   sort output on column 1 (default)
       2   sort output on column 2
       3   sort output on column 3

FILES

     /tmp/crt??   temporaries
     /usr/lib/aign   default assembler *ignore* file
     /usr/lib/cign   default C *ignore* file
     /usr/bin/crpost   post processor
     /usr/bin/upost   post processor for −**u** option
     /bin/sort used to sort temporaries

SEE ALSO

     as (I), cc (I)

BUGS