

**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, it will take the next available argument to be an *ignore* file name; if the **-o** option is given, the next available argument will be taken as an *only* file name. *Ignore* and *only* files should be lists of symbols separated by new lines. If an *ignore* file is given, all the symbols in that file will be ignored in columns (1) and (3) of the output. If an *only* file is given, only symbols appearing in that file will appear in column (1). Only one of the options **-i** or **-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 <i>ignore</i> file
/usr/lib/cign	default C <i>ignore</i> file
/usr/bin/crpost	post processor
/usr/bin/upost	post processor for <b>-u</b> option
/bin/sort	used to sort temporaries

**SEE ALSO**

as(I), cc(I), sort(I)

**BUGS**