

NAME

rfcref – look up RFC, BCP, FYI, STD references

SYNOPSIS

rfcref [**files**]

DESCRIPTION

Rfcref is a preprocessor for resolving numeric RFC, BCP, FYI, and STD references.

This software is OSI Certified Open Source Software. OSI Certified is a certification mark of the Open Source Initiative.

Rfcref recognizes four reference directives and replaces them with suitable rfc macro directives and text for formatting references to RFCs. Each directive takes up to three arguments. The first argument must be either I (for an informative reference) or N (for a normative reference). The second argument is the document series number, e.g. 1234 for RFC 1234. The optional third argument is a string name in which the reference tag will be saved by the formatter.

Because **rfcref** is a preprocessor, the numeric argument must be specified directly; one cannot refer to troff registers, etc.

EXAMPLES

.BR I 18

specifies an informative reference to BCP 18, with no string name specified.

.FR I 3

specifies an informative reference to FYI 3, with no string name specified.

.SR N 3

specifies a normative reference to STD 3, with no string name specified.

.RR N 1234 r1

specifies a normative reference to RFC 1234, with the reference tag saved in string r1.

RETURN VALUE

Rfcref returns zero unless a serious error occurs.

BUGS and CAVEATS

Reference files bcp-index.txt, fyi-index.txt, std-index.txt, and rfc-index.txt, need to be kept up-to-date in order to refer to recent documents.

Some STD documents map to multiple RFCs. If a string name is specified, it will only hold the reference tag for the first RFC in such cases.

Some STD document numbers are reserved or no longer in use.

DIAGNOSTICS

Rfcref will produce warning and error messages during formatting when appropriate. Informative warnings include notifications about updated or obsoleted RFCs which are referenced. Error messages indicate a problem which has prevented processing of a directive, such as invalid syntax or a non-existent document.

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