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Rocky Enterprise Linux 9.2 Manual Pages on command 'perlfreesd.1'

\$ man perlfreesd.1

PERLFREESD(1) Perl Programmers Reference Guide PERLFREESD(1)

NAME

perlfreesd - Perl version 5 on FreeBSD systems

DESCRIPTION

This document describes various features of FreeBSD that will affect how Perl version 5 (hereafter just Perl) is compiled and/or runs.

FreeBSD core dumps from readdir_r with ithreads

When perl is configured to use ithreads, it will use re-entrant library calls in preference to non-re-entrant versions. There is a bug in FreeBSD's "readdir_r" function in versions 4.5 and earlier that can cause a SEGV when reading large directories. A patch for FreeBSD libc is available (see <http://www.freebsd.org/cgi/query-pr.cgi?pr=misc/30631>) which has been integrated into FreeBSD 4.6.

\$^X doesn't always contain a full path in FreeBSD

perl sets \$^X where possible to a full path by asking the operating system. On FreeBSD the full path of the perl interpreter is found by using "sysctl" with "KERN_PROC_PATHNAME" if that is supported, else by reading the symlink /proc/curproc/file. FreeBSD 7 and earlier has a bug where either approach sometimes returns an incorrect value (see <http://www.freebsd.org/cgi/query-pr.cgi?pr=35703>). In these cases perl will fall back to the old behaviour of using C's "argv[0]" value for \$^X.

AUTHOR

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Please report any errors, updates, or suggestions to

<<https://github.com/Perl/perl5/issues>>.

perl v5.34.0

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