FPTRAP(III)   **FPTRAP(III)**

NAME

fptrap — floating point interpreter

SYNOPSIS

sys   signal; 4; fptrap

DESCRIPTION

Fptrap is a simulator of the 11/45 FP11-B floating point unit. It works by intercepting illegal instruction traps and decoding and executing the floating point operation codes.

FILES

In systems with real floating point, there is a fake routine in /lib/liba.a with this name; when simulation is desired, the real version should be put in liba.a.

DIAGNOSTICS

A break point trap is given when a real illegal instruction trap occurs.

SEE ALSO

signal (II), cc (I) ('−f' option)

BUGS

Rounding mode is not interpreted. It's slow.