

NAME            ilgins -- catch illegal instruction trap

SYNOPSIS       sys ilgins; arg / ilgins = 33.

DESCRIPTION   ilgins\_\_ allows a program to catch illegal instruction traps. If arg\_\_ is zero, the normal instruction trap handling is done: the process is terminated and a core image is produced. If arg\_\_ is a location within the program, control is passed to arg\_\_ when the trap occurs.

This call is used to implement the floating point simulator, which catches and interprets 11/45 floating point instructions.

To return after catching the ilgins\_\_ trap, execute the rti\_\_ instruction.

SEE ALSO       PDP-11 manual

DIAGNOSTICS --

BUGS           --