NAME

spinoff -- ask user of process is to be spun off, then spin off if requested.

SYNOPSIS

spinoff(sig, sigval)

DESCRIPTION

Sig is the signal which is to be sent to the spunoff process in case the user wants to abort it using the ABORT input message. Sigval is the interrupt address in the calling program. 0 and 1 are also acceptable values for sigval. If sig is not a legal signal, INTR is used, but note that INTR's and QUIT's are ignored automatically.

Spinoff prompts the user to determine if process is to be spun off. If not, it returns a value of 0. If yes, it forks twice; the resulting processes do the following:

    grandparent (original process):
            generates control file, passes it to
            child, waits for child to initialize it,
            then exits so that parent shell will return.

    parent:
            waits for child to die, then removes control
            file and exits. removing control file is
            its only function.

    child:
            sets up control file passed from grandparent,
            sets up abort signal by doing signal(sig, sigval)
            makes himself low priority (20),
            and returns a 1 to calling program.

If any I/O error occurs, or if either fork fails, an appropriate error message is printed and a 0 is returned, as if the user had indicated no spinoff.

LIBRARY

/lib/lib1.a