

UNIXComm starts up a UNIX process on a Sun Workstation. UNIXComm, with two functions, provides the user with a stream interface to the SunOS Bourne shell.

Installation

Load UNIXCOMM.LCOM from the library.

User Interface

Two functions allow you to open and close SunOS subprocess streams.

(IL:CREATE-PROCESS-STREAM *STRING*)

[Function]

Interfaces to the SunOS system function (see Chapter 3 of the *SunOS Reference Manual*). This causes a subprocess running the Bourne shell to be spawned; *STRING* is passed as a command to it. A bidirectional stream is returned with input reading data which the process writes to its standard output (stdout) and standard error (stderr). Output writes data which the process can read from its standard input (stdin). EOFP does not return a meaningful value for those streams; instead, you must change the default EOF mechanism for the end of stream.

(IL:UNIX-STREAM-CLOSE *STREAM*)

[Function]

Returns the numeric status value of the process created by IL:CREATE-PROCESS-STREAM if it has exited; otherwise, kills the process. IL:CLOSE can be used instead of IL:UNIX-STREAM-CLOSE if the process status value is not of interest.

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