UNIXCOMM

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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