EDOC091

EUROGAM PROJECT

NSF DATA ACQUISITION SYSTEM

Message Logging System - Commands

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Introduction

This document describes the UNIX command interface to the message logging system forming part of the NSF data acquisition system. The commands call the functions described in the document *message logging system – C library* (EDOC090)

Commands

msgdefine [-h host] [-i id] [class [level [source [body]]]]
Send a message with ID *id.* to the message logger *host*.

msgsignon [-h host] [-s system] -p | class [min [max [count]]]
Request the message logger *host* to forward specified messages to *system*. The required messages can be specified either as arguments, or by using the *–p* option to request prompts.

msgsignoff [-h host] [-s system]
Request the message logger *host* not to forward any more messages to *system*.

msginstall
Install a server to handle messages distributed by the central message server.

Options

This section describes the options available for the commands above. Users who do not wish to supply all the arguments or to supply them out of order, can do so by specifying them as options.

–b body This option specifies that the command will interpret the rest of the arguments as the message body. This option should be the last one.

–c class This option specifies the class of a message (0 by default).

–i id This option specifies the ID of a message (0 by default).

–h host This option specifies the host name of the central message server. If not specified the command will assume the default name *egmsg*.

–l level This option specifies the level of a message (1 by default).

–m min This option specifies the minimum message level to be forwarded (0 by default).

–n max This option specifies the maximum message level to be forwarded (9 by default).

–p This option specifies that the command will prompt for arguments.

–s source This option specifies the name of the source of a message.

–s system This option specifies the system name for messages to be sent to. By default this is assumed to be the workstation from which the request was sent.

Examples

msgdefine 6 1 TEST This is a test message will send a message of class *6* and level *1* with source *TEST*. The body of the message is *This is a test message*.

msginstall will install a server to handle any messages forwarded by the central message logger. Messages will be printed on *stdout*.

msgsignon 54 3 9 5 will request that any messages of class *54* with a level greater than *2* are forwarded. Up to *5* messages may be buffered.

msgsignoff will cancel the above request.

msginstall | userprog will install a server to handle any messages forwarded by the central message logger. Messages will be piped into the user supplied program *userprog*.

msgsignon –s nnsx –p will request that messages are forwarded to the system *nnsx*. Message specifications will be prompted for.