



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'qmove.1p' command

\$ man qmove.1p

QMOVE(1P) POSIX Programmer's Manual QMOVE(1P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

qmove ? move batch jobs

SYNOPSIS

qmove destination job_identifier...

DESCRIPTION

To move a batch job is to remove the batch job from the batch queue in which it resides and instantiate the batch job in another batch queue.

A batch job is moved by a request to the batch server that manages the batch job. The qmove utility is a user-accessible batch client that requests the movement of one or more batch jobs.

The qmove utility shall move those batch jobs, and only those batch jobs, for which a batch job_identifier is presented to the utility.

The qmove utility shall move batch jobs in the order in which the corresponding batch job_identifiers are presented to the utility.

If the qmove utility fails to process a batch job_identifier successfully, the utility shall proceed to process the remaining batch job_identifiers, if any.

The qmove utility shall move batch jobs by sending a Move Job Request to the batch server that manages each batch job. The qmove utility shall not exit before the batch jobs corresponding to all successfully processed batch job_identifiers have been moved.

OPTIONS

None.

OPERANDS

The qmove utility shall accept one operand that conforms to the syntax for a destination (see Section 3.3.2, Destination).

The qmove utility shall accept one or more operands that conform to the syntax for a batch job_identifier (see Section 3.3.1, Batch Job Identifier).

STDIN

Not used.

INPUT FILES

None.

ENVIRONMENT VARIABLES

The following environment variables shall affect the execution of qmove:

LANG Provide a default value for the internationalization variables that are unset or null. (See the Base Definitions volume of POSIX.1?2017, Section 8.2, Internationalization Variables the precedence of internationalization variables used to determine the values of locale categories.)

LC_ALL If set to a non-empty string value, override the values of all the other internationalization variables.

LC_CTYPE Determine the locale for the interpretation of sequences of bytes of text data as characters (for example, single-byte as opposed to multi-byte characters in arguments).

LC_MESSAGES

Determine the locale that should be used to affect the format and contents of diagnostic messages written to standard error.

LOGNAME Determine the login name of the user.

ASYNCHRONOUS EVENTS

Default.

STDOUT

None.

STDERR

The standard error shall be used only for diagnostic messages.

OUTPUT FILES

None.

EXTENDED DESCRIPTION

None.

EXIT STATUS

The following exit values shall be returned:

0 Successful completion.

>0 An error occurred.

CONSEQUENCES OF ERRORS

In addition to the default behavior, the qmove utility shall not be required to write a diagnostic message to standard error when the error reply received from a batch server indicates that the batch job identifier does not exist on the server. Whether or not the qmove utility waits to output the diagnostic message while attempting to locate the job on other servers is implementation-defined.

The following sections are informative.

APPLICATION USAGE

None.

EXAMPLES

None.

RATIONALE

The qmove utility allows users to move jobs between queues.

The alternative to using the qmove utility? deleting the batch job and requeuing it? entails considerably more typing.

Since the means of selecting jobs based on attributes has been encapsulated in the qselect utility, the only option of the qmove utility con?

cerns authorization. The -u option provides the user with the convenience of changing the user identifier under which the batch job will execute. Minimalism and consistency have taken precedence over convenience; the -u option has been deleted because the equivalent capability exists with the -u option of the qalter utility.

FUTURE DIRECTIONS

The qmove utility may be removed in a future version.

SEE ALSO

Chapter 3, Batch Environment Services, qalter, qselect

The Base Definitions volume of POSIX.1-2017, Chapter 8, Environment Variables

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