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git−qpush − push patches on to the Git−MQ patch stack

SYNOPSIS

git qpush [[**−f** [**−−no-backup**]] | **−−keep−changes**] [<*patch*>]
git qpush [[**−f** [**−−no-backup**]] | **−−keep−changes**] [<*index*>]
git qpush [[**−f** [**−−no-backup**]] | **−−keep−changes**] [**−a** | **−−all**]
git qpush [[**−f** [**−−no-backup**]] | **−−keep−changes**] **−−move** <*patch*>
git qpush [[**−f** [**−−no-backup**]] | **−−keep−changes**] **−−move** <*index*>

DESCRIPTION

The **git qpush** command will push patches on to the **Git−MQ** applied patch stack, until the patch specified by the <*patch*> argument (an *unapplied* and *unguarded* patch *name*), or by the <*index*> argument (an *unapplied* and *unguarded* patch *sequence number*, as reported by the **git qseries −−verbose** command), becomes the topmost applied patch.

If the **−a** (or **−−all**) option is selected, then no <*patch*> or <*index*> argument should be specified; this will push *all* currently-unapplied and unguarded patches, which *follow* the topmost currently-applied patch in series order, on to the patch stack.

If no <*patch*> or <*index*> argument is specified, and the **−−all** option is not selected, then only one patch will be pushed; this will be the first unapplied and unguarded patch which follows the topmost currently-applied patch, in series order, (i.e. the patch, if any, which would be identified by the **git qnext** command).

The **−−move** option may be used to relocate any unapplied and unguarded patch, which *follows* the patch identified by **git qnext** as the first pushable patch, such that the relocated patch is pushed ahead of the **git qnext** identified patch, which then remains as the first pushable patch.

If there are no patches which are both unapplied and unguarded, *following* the topmost currently-applied patch in series order, the **git qpush** operation will fail.

OPTIONS

−a, **−−all**

Push all available unapplied and unguarded patches, which *follow* the topmost currently-applied patch in series order.

−f, **−−force**

If any files, known to and tracked by git, have been locally modified in the working tree, or in git's index, and the **−−no−backup** option has not been specified, first make backup backup copies of all locally modified files; discard all local modifications, then push patches as appropriate.

If the **−−force** option is not specified, **git qpush** will abort in the presence of local modifications.

−−no-backup

Used only in conjunction with **−−force**, (and silently ignored otherwise), discard all local modifications, *without* making backup copies.

−−keep−changes

Attempt to preserve local modifications, while pushing patches; if any local modification conflicts with patch content, abort the entire **git qpush** operation.

(The **−−keep−changes** option is currently unimplemented).

−−move <*patch*>, **−−move** <*index*>

Push only the single patch identified by the <*patch*>, or the <*index*> option, (one of which *must* be specified), relocating it in the patch series if necessary, such that it is pushed ahead of the patch which would have been identified by the **git qnext** command.

The **−−move** option can only be used to move a patch which follows the topmost currently-applied patch in series order; it *cannot* be used to push a previously skipped patch, which precedes the current topmost patch in series order.

If there are local modifications to tracked files, either in the working tree, or staged in git's index, and if neither the **−−force** option, nor the **−−keep−changes** option is specified, then the **git qpush** operation will be aborted.

EXIT STATUS

On successful completion, **git qpush** reports an exit status code of 0. Any non-zero exit status code indicates that an error occurred.

COMPARISON WITH MERCURIAL QUEUES

Inspired by, and for the most part based on behavioural observation of **Mercurial**'s **MQ** extension, the **git qpush** command exhibits fundamentally the same behaviour as its **hg qpush** counterpart.

AUTHOR

SEE ALSO

git−qgoto(1), **git−qnext**(1), **git−qseries**(1)