

NAME

git-remote-fd – Reflect smart transport stream back to caller

SYNOPSIS

"fd::<infd>[,<outfd>][/<anything>]" (as URL)

DESCRIPTION

This helper uses specified file descriptors to connect to a remote Git server. This is not meant for end users but for programs and scripts calling git fetch, push or archive.

If only <infd> is given, it is assumed to be a bidirectional socket connected to remote Git server (git-upload-pack, git-receive-pack or git-upload-archive). If both <infd> and <outfd> are given, they are assumed to be pipes connected to a remote Git server (<infd> being the inbound pipe and <outfd> being the outbound pipe).

It is assumed that any handshaking procedures have already been completed (such as sending service request for git://) before this helper is started.

<anything> can be any string. It is ignored. It is meant for providing information to user in the URL in case that URL is displayed in some context.

ENVIRONMENT VARIABLES

GIT_TRANSLOOP_DEBUG

If set, prints debugging information about various reads/writes.

EXAMPLES

git fetch fd::17 master

Fetch master, using file descriptor #17 to communicate with git-upload-pack.

git fetch fd::17/foo master

Same as above.

git push fd::7,8 master (as URL)

Push master, using file descriptor #7 to read data from git-receive-pack and file descriptor #8 to write data to same service.

git push fd::7,8/bar master

Same as above.

SEE ALSO

gitremote-helpers(7)

GIT

Part of the **git(1)** suite