

NAME

git-ls-remote - List references in a remote repository

SYNOPSIS

```
git ls-remote [--heads] [--tags] [-u <exec> | --upload-pack <exec>]
[--exit-code] <repository> [<refs>...]
```

DESCRIPTION

Displays references available in a remote repository along with the associated commit IDs.

OPTIONS

-h, --heads, -t, --tags

Limit to only refs/heads and refs/tags, respectively. These options are *not* mutually exclusive; when given both, references stored in refs/heads and refs/tags are displayed.

-u <exec>, --upload-pack=<exec>

Specify the full path of *git-upload-pack* on the remote host. This allows listing references from repositories accessed via SSH and where the SSH daemon does not use the PATH configured by the user.

--exit-code

Exit with status 2 when no matching refs are found in the remote repository. Usually the command exits with status 0 to indicate it successfully talked with the remote repository, whether it found any matching refs.

--get-url

Expand the URL of the given remote repository taking into account any url.<base>.insteadOf config setting (See [git-config\(1\)](#)) and exit without talking to the remote.

<repository>

The remote repository to query. This parameter can be either a URL or the name of a remote (see the GIT URLS and REMOTES sections of [git-fetch\(1\)](#)).

<refs>...

When unspecified, all references, after filtering done with --heads and --tags, are shown.

When <refs>... are specified, only references matching the given patterns are displayed.

EXAMPLES

```
$ git ls-remote --tags ./
d6602ec5194c87b0fc87103ca4d67251c76f233a refs/tags/v0.99
f25a265a342aed6041ab0cc484224d9ca54b6f41 refs/tags/v0.99.1
7ceca275d047c90c0c7d5afb13ab97efdf51bd6e refs/tags/v0.99.3
c5db5456ae3b0873fc659c19fafdde22313cc441 refs/tags/v0.99.2
0918385dbd9656cab0d1d81ba7453d49bbc16250 refs/tags/junio-gpg-pub
$ git ls-remote http://www.kernel.org/pub/scm/git/git.git
master pu rc
5fe978a5381f1fbad26a80e682ddd2a401966740 refs/heads/master
c781a84b5204fb294c9ccc79f8b3baceeb32c061 refs/heads/pu
$ git remote add korg http://www.kernel.org/pub/scm/git/git.git
$ git ls-remote --tags korg v*
d6602ec5194c87b0fc87103ca4d67251c76f233a refs/tags/v0.99
f25a265a342aed6041ab0cc484224d9ca54b6f41 refs/tags/v0.99.1
c5db5456ae3b0873fc659c19fafdde22313cc441 refs/tags/v0.99.2
7ceca275d047c90c0c7d5afb13ab97efdf51bd6e refs/tags/v0.99.3
```

GIT

Part of the [git\(1\)](#) suite