

🔗 ...

📁 86 Branches 🏷 105 Tags

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Add file

Code

...

 chrisd8088 Merge pull request #5930 from bk2204/tighten-actions-security <div>...</div> ✓ a32a02b · 5 days ago ⌚
<div>📁 .github</div> <div>workflows: don't persist credentials</div> <div>5 days ago</div>
<div>📁 commands</div> <div>Merge branch 'main' into main</div> <div>2 months ago</div>
<div>📁 config</div> <div>release: v3.6.0</div> <div>last month</div>
<div>📁 creds</div> <div>Implement multistage authentication</div> <div>6 months ago</div>
<div>📁 debian</div> <div>release: v3.6.0</div> <div>last month</div>
<div>📁 docker</div> <div>docker/README.md: update and simplify text</div> <div>last year</div>
<div>📁 docs</div> <div>docs/howto/release-git-lfs.md: add Go upgr...</div> <div>3 weeks ago</div>
<div>📁 errors</div> <div>errors/types.go: correctly wrap retrieable errors</div> <div>6 months ago</div>
<div>📁 filepathfilter</div> <div>make additional message strings translatable</div> <div>2 years ago</div>
<div>📁 fs</div> <div>Replace deprecated io/ioutil functions</div> <div>11 months ago</div>
<div>📁 git</div> <div>git: improve sparse file support</div> <div>last month</div>
<div>📁 lfs</div> <div>hook: fix newlines in command missing mess...</div> <div>2 months ago</div>
<div>📁 lfsapi</div> <div>lfsapi/lfsapi.go: enhance trace logs</div> <div>last month</div>
<div>📁 lfshttp</div> <div>lfshttp,tq,t: don't fail on retrieable batch errors</div> <div>6 months ago</div>
<div>📁 locking</div> <div>ssh: add support for lazy spawning of pure S...</div> <div>11 months ago</div>
<div>📁 po</div> <div>Introduce a single translation</div> <div>3 years ago</div>
<div>📁 rpm</div> <div>release: v3.6.0</div> <div>last month</div>
<div>📁 script</div> <div>script/upload: use generic sha3sum input for...</div> <div>3 weeks ago</div>
<div>📁 ssh</div> <div>ssh/connection.go: report error when no sess...</div> <div>last month</div>
<div>📁 subprocess</div> <div>subprocess: add a version of BufferedExec wi...</div> <div>7 months ago</div>

📁 t	Merge branch 'main' into test-grep-clone-fix...	last month
📁 tasklog	Replace deprecated io/ioutil functions	11 months ago
📁 tools	tools/iotools.go: always close temp spool file	11 months ago
📁 tq	lfshttp,tq,t: don't fail on retrieable batch errors	6 months ago
📁 tr	Replace deprecated io/ioutil functions	11 months ago
📄 .gitattributes	Enable autocrlf	9 years ago
📄 .gitignore	gitignore: ignore the vendor directory	2 years ago
📄 .mailmap	Add myself to .mailmap	7 years ago
📄 .ruby-version	.github/workflows: upgrade to ruby/setup-ru...	2 years ago
📄 CHANGELOG.md	release: v3.6.0	last month
📄 CODE-OF-CONDUCT.md	embed the open code of conduct since the li...	8 years ago
📄 CONTRIBUTING.md	Remove vendoring instructions from contrib...	last year
📄 INSTALLING.md	Corrected Pop!_OS naming	last week
📄 LICENSE.md	LICENSE.md: update license years and vendo...	3 weeks ago
📄 Makefile	Makefile: split release signing workflow for ...	11 months ago
📄 README.md	README.md: note current minimum tested G...	3 weeks ago
📄 SECURITY.md	{README,SECURITY}.md: add security bug re...	4 years ago
📄 git-lfs.go	make additional message strings translatable	2 years ago
📄 git-lfs_windows.go	Add support for Windows arm64	3 years ago
📄 git-lfs_windows_arm64.go	Fix Windows arm64 build	3 years ago
📄 go.mod	go.mod: require 1.21	6 months ago
📄 go.sum	build(deps): bump golang.org/x/net from 0.1...	8 months ago
📄 versioninfo.json	release: v3.6.0	last month

Git Large File Storage



[Git LFS](#) is a command line extension and [specification](#) for managing large files with Git.

The client is written in Go, with pre-compiled binaries available for Mac, Windows, Linux, and FreeBSD. Check out the [website](#) for an overview of features.

Getting Started

Installing

On Linux

Debian and RPM packages are available from packagecloud, see the [Linux installation instructions](#).

On macOS

[Homebrew](#) bottles are distributed and can be installed via `brew install git-lfs`.

On Windows

Git LFS is included in the distribution of [Git for Windows](#). Alternatively, you can install a recent version of Git LFS from the [Chocolatey](#) package manager.

From binary

[Binary packages](#) are available for Linux, macOS, Windows, and FreeBSD. The binary packages include a script which will:

- Install Git LFS binaries onto the system `$PATH`. On Windows in particular, you may need to restart your command shell so any change to `$PATH` will take effect and Git can locate the Git LFS binary.
- Run `git lfs install` to perform required global configuration changes.

```
$ ./install.sh
```



Note that Debian and RPM packages are built for multiple Linux distributions and versions for both amd64 and i386. For arm64, only Debian packages are built and only for recent versions due to the cost of building in emulation.

From source

- Ensure you have the latest version of Go, GNU make, and a standard Unix-compatible build environment installed.
- On Windows, install `goversioninfo` with `go install github.com/josephspurrier/goversioninfo/cmd/goversioninfo@latest`.
- Run `make`.
- Place the `git-lfs` binary, which can be found in `bin`, on your system's executable `$PATH` or equivalent.
- Git LFS requires global configuration changes once per-machine. This can be done by running: `git lfs install`

Verifying releases

Releases are signed with the OpenPGP key of one of the core team members. To get these keys, you can run the following command, which will print them to standard output:

```
$ curl -L https://api.github.com/repos/git-lfs/git-lfs/tarball/core-gpg-keys | tar -Ozxf -
```



Once you have the keys, you can download the `sha256sums.asc` file and verify the file you want like so:

```
$ gpg -d sha256sums.asc | grep git-lfs-linux-amd64-v2.10.0.tar.gz | shasum -a 256 -c
```



For the convenience of distributors, we also provide a wider variety of signed hashes in the `hashes.asc` file. Those hashes are in the tagged BSD format, but can be verified with Perl's `shasum` or the GNU hash utilities, just like the ones in `sha256sums.asc`.

Example Usage

To begin using Git LFS within a Git repository that is not already configured for Git LFS, you can indicate which files you would like Git LFS to manage. This can be done by running the following *from within a Git repository*:

```
$ git lfs track "*.psd"
```



(Where `*.psd` is the pattern of filenames that you wish to track. You can read more about this pattern syntax [here](#)).

Note: the quotation marks surrounding the pattern are important to prevent the glob pattern from being expanded by the shell.

After any invocation of `git-lfs-track(1)` or `git-lfs-untrack(1)`, you *must commit changes to your `.gitattributes` file*. This can be done by running:

```
$ git add .gitattributes
$ git commit -m "track *.psd files using Git LFS"
```



You can now interact with your Git repository as usual, and Git LFS will take care of managing your large files. For example, changing a file named `my.psd` (tracked above via `*.psd`):

```
$ git add my.psd
$ git commit -m "add psd"
```



Tip: if you have large files already in your repository's history, `git lfs track` will *not* track them retroactively. To migrate existing large files in your history to use Git LFS, use `git lfs migrate`. For example:

```
$ git lfs migrate import --include="*.psd" --everything
```



Note that this will rewrite history and change all of the Git object IDs in your repository, just like the export version of this command.

For more information, read [git-lfs-migrate\(1\)](#).

You can confirm that Git LFS is managing your PSD file:

```
$ git lfs ls-files
3c2f7aedfb * my.psd
```



Once you've made your commits, push your files to the Git remote:

```
$ git push origin main
Uploading LFS objects: 100% (1/1), 810 B, 1.2 KB/s
# ...
To https://github.com/git-lfs/git-lfs-test
67fcf6a..47b2002 main -> main
```



Uninstalling

If you've decided that Git LFS isn't right for you, you can convert your repository back to a plain Git repository with `git lfs migrate` as well. For example:

```
$ git lfs migrate export --include="*.psd" --everything
```



Note that this will rewrite history and change all of the Git object IDs in your repository, just like the import version of this command.

If there's some reason that things aren't working out for you, please let us know in an issue, and we'll definitely try to help or get it fixed.

Limitations

Git LFS maintains a list of currently known limitations, which you can find and edit [here](#).

Current releases of Git LFS will work with Git versions as early as Git 2.0.0. However, for best performance, using a recent version of Git is highly recommended.

Git LFS source code utilizes Go modules in its build system, and therefore this project contains a `go.mod` file with a defined Go module path. However, we do not maintain a stable Go language API or ABI, as Git LFS is intended to be used solely as a compiled binary utility. Please do not import the `git-lfs` module into other Go code and do not rely on it as a source code dependency.

Need Help?

You can get help on specific commands directly:

```
$ git lfs help <subcommand>
```



The [official documentation](#) has command references and specifications for the tool. There's also a [FAQ](#) shipped with Git LFS which answers some common questions.

If you have a question on how to use Git LFS, aren't sure about something, or are looking for input from others on tips about best practices or use cases, feel free to [start a discussion](#).

You can always [open an issue](#), and one of the Core Team members will respond to you. Please be sure to include:

1. The output of `git lfs env`, which displays helpful information about your Git repository useful in debugging.
2. Any failed commands re-run with `GIT_TRACE=1` in the environment, which displays additional information pertaining to why a command crashed.

Contributing



See [CONTRIBUTING.md](#) for info on working on Git LFS and sending patches. Related projects are listed on the [Implementations wiki page](#).

See also [SECURITY.md](#) for info on how to submit reports of security vulnerabilities.

Core Team

These are the humans that form the Git LFS core team, which runs the project.





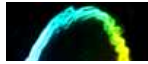


In alphabetical order:








@chrisd8088	@larsxschneider
	
PGP 088335A9	PGP A5795889

Alumni

These are the humans that have in the past formed the Git LFS core team, or have otherwise contributed a significant amount to the project. Git LFS would not be possible without them.

In alphabetical order:

@andyneff	@bk2204	@PastelMobileSuit	@rubyist	@sinbad	@technoweenie	@ttaylorr
						



Releases 92

 **v3.6.0** Latest
3 weeks ago

[+ 91 releases](#)

Packages

No packages published

Contributors 209



[+ 195 contributors](#)

Languages

 **Go** 61.8%  **Shell** 35.9%  **Makefile** 1.3%  **Other** 1.0%