

# Firefox Git Migration Status

May 2025

On the 30th April 2025 we successfully migrated the source of truth for Firefox from Mercurial to Git - see [the previous Firefox Git Migration Update](#) for more details.

## Action Required

- To ensure full functionality make sure you're running the latest version of moz-phab, version 1.9.0 run `moz-phab self-update`
- Plan to **migrate your local repository to Git as soon as is viable**; we recommend coordinating your migration with other engineers you work closely with

## Workstation Migration

Your local work will need to be migrated from a hg/git-cinnabar clone of Mercurial's repository to a vanilla Git clone from GitHub *after we have migrated the infrastructure*.

The simplest option, and the one we recommend for most users, is to move commits on an as-required basis:

1. Clone the firefox repository: `git clone https://github.com/mozilla-firefox/firefox.git`
  - You can add `--depth 1` to the command for a faster clone that excludes the complete history, although some features such as artifact builds might not be functional yet
2. Export commits from your existing repository
  - Use `hg export` or `git format-patch`
3. Apply the patch(es) to the new git repository
  - For most this will likely involve creating a new branch then using `git am` or `git apply` to apply the patches

## gecko-dev

The current GitHub mirror of mozilla-central - <https://github.com/mozilla/gecko-dev/> - will continue to operate for at least a month after the migration.

At some point we will archive gecko-dev and decommission the service that is keeping it up-to-date.

## Repository Map

| Mercurial Repository                                           | Git Branch                                      |
|----------------------------------------------------------------|-------------------------------------------------|
| <a href="#">mozilla-central</a>                                | <a href="#">main</a>                            |
| <a href="#">mozilla-beta</a>                                   | <a href="#">beta</a>                            |
| <a href="#">mozilla-release</a>                                | <a href="#">release</a>                         |
| <a href="#">mozilla-esr115</a> <a href="#">mozilla-esr-128</a> | <a href="#">esr-115</a> <a href="#">esr-128</a> |
| <a href="#">autoland</a>                                       | <a href="#">autoland</a>                        |

## Questions?

Join #engineering-workflow on Mozilla Slack.