

Advanced Features

If you feel confident in your Gerrit-fu, this page is for you. Perhaps you've already noticed how Gerrit brings a few good improvements to the workflow just based on the commit-centric design. Now we are getting to the really cool stuff: Gerrit-specific features that further enhance your experience!

WIP Changes

Want to mark a change as WIP? You can do it in the Web UI. Or you can do it immediately on push:

```
git push origin HEAD:refs/for/main%wip
```

Submitting Chains of Changes

In traditional Git forges, it is hard to submit multiple changes to one repo at once. Perhaps you want to avoid unnecessary rebuilds - or broken intermediate states. You might have to coordinate with people, plan downtime, or create meta-PRs to do that.

Thankfully, Gerrit has [topics](#) for that! Assign a topic to necessary CLs, or set it on push:

```
git push origin HEAD:refs/for/master%topic=<username>-<ISO8601 date>-<topic name>
```

For example:

```
git push origin HEAD:refs/for/master%topic=kfearsoff-2025-03-29-rebranding
```

Why the convoluted naming scheme? Unfortunately, Gerrit [doesn't namespace topics](#), so we do a funny naming scheme to prevent accidental collisions. We are truly sorry for this.

Once all changes in a topic are reviewed, they can be gracefully sent all at once!

The screenshot shows a Gerrit change page for a change titled "Add test file". At the top, there are several action buttons: "Ready to submit" (with a star icon and "1000"), "Add test file", "SUBMIT WHOLE TOPIC" (highlighted with a red box), "REBASE", "FIND OWNERS", "ABANDON", and "EDIT". Below the buttons, the change details are displayed in a table-like format:

| | | | |
|---------------|--|--|--|
| Updated | 6:29 PM | REPLY | Relation chain |
| Owner | Albert Cui | Add test file | add another test file |
| Reviewers | ADD REVIEWER | Change-Id: I37892c9afa2a14f0967e1ef074b38bc1bd8e1be7 | → Add test file |
| CC | ADD CC | | |
| Repo Branch | exploration master | | |
| Parent | 708552d | EDIT | Submitted together |
| Topic | test | | → exploration: master: add another test file ✓ |
| Strategy | Merge if Necessary | | → exploration: master: Add test file ✓ |
| Hashtags | ADD HASHTAG | | |

At the bottom, there is a "Code-Review" section showing a green checkmark, a "+2" badge, and the reviewer's name "Albert Cui".

Syncing Multiple Repos

In traditional Git forges, it is always a huge pain when you need to submit a batch of changes at once to multiple repos.

Topics to the rescue, again! Just follow the instructions for chains of changes, but in multiple repos. Isn't that awesome?

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