

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. At the top, there's a status bar with 'Ready to submit', a star icon, '1000', and 'Add test file'. To the right, there are buttons: 'SUBMIT WHOLE TOPIC' (highlighted with a red box), 'REBASE', '[FIND OWNERS]', 'ABANDON', and 'EDIT'. The main content area is divided into several sections. On the left, there's a sidebar with metadata: 'Updated 6:29 PM', 'Owner Albert Cui', 'Reviewers ADD REVIEWER', 'CC ADD CC', 'Repo | Branch exploration | master', 'Parent 708552d', 'Topic test', 'Strategy Merge if Necessary', and 'Hashtags ADD HASHTAG'. In the center, there's a 'REPLY' button and a text input field with 'Add test file'. Below that, the 'Change-Id' is displayed as 'I37892c9afa2a14f0967e1ef074b38bc1bd8e1be7'. On the right, there's a 'Relation chain' section with links 'add another test file' and 'Add test file'. Below that, a 'Submitted together' section shows 'exploration: master: add another test file' and 'exploration: master: Add test file' with checkmarks. At the bottom left, there's a 'Code-Review' section showing '+2' and '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?

Revision #1

Created 29 March 2025 13:40:01 by kfearsoff

Updated 29 March 2025 14:37:12 by kfearsoff