

# 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".

On the left, the change details are listed: "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 it, the "Change-Id" is displayed: "I37892c9afa2a14f0967e1ef074b38bc1bd8e1be7".

On the right, the "Relation chain" section shows "add another test file" and "Add test file". Below that, the "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?

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