

# 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 is a status bar with "Ready to submit", a star icon with "1000", and the change title. To the right of the status bar are several action buttons: "SUBMIT WHOLE TOPIC" (highlighted with a red box), "REBASE", "[FIND OWNERS]", "ABANDON", and "EDIT". Below the status bar, the change details are displayed in a table-like format:

Updated	6:29 PM	REPLY	Relation chain
Owner	Albert Cui		<a href="#">add another test file</a>
Reviewers	<a href="#">ADD REVIEWER</a>		→ <a href="#">Add test file</a>
CC	<a href="#">ADD CC</a>		
Repo   Branch	<a href="#">exploration</a>   <a href="#">master</a>		Submitted together
Parent	<a href="#">708552d</a>	EDIT	<a href="#">exploration: master: add another test file</a> ✓
Topic	<a href="#">test</a> ✕		→ <a href="#">exploration: master: Add test file</a> ✓
Strategy	Merge if Necessary		
Hashtags	<a href="#">ADD HASHTAG</a>		

At the bottom left, there is a "Code-Review" section showing a green checkmark, "+2", 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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