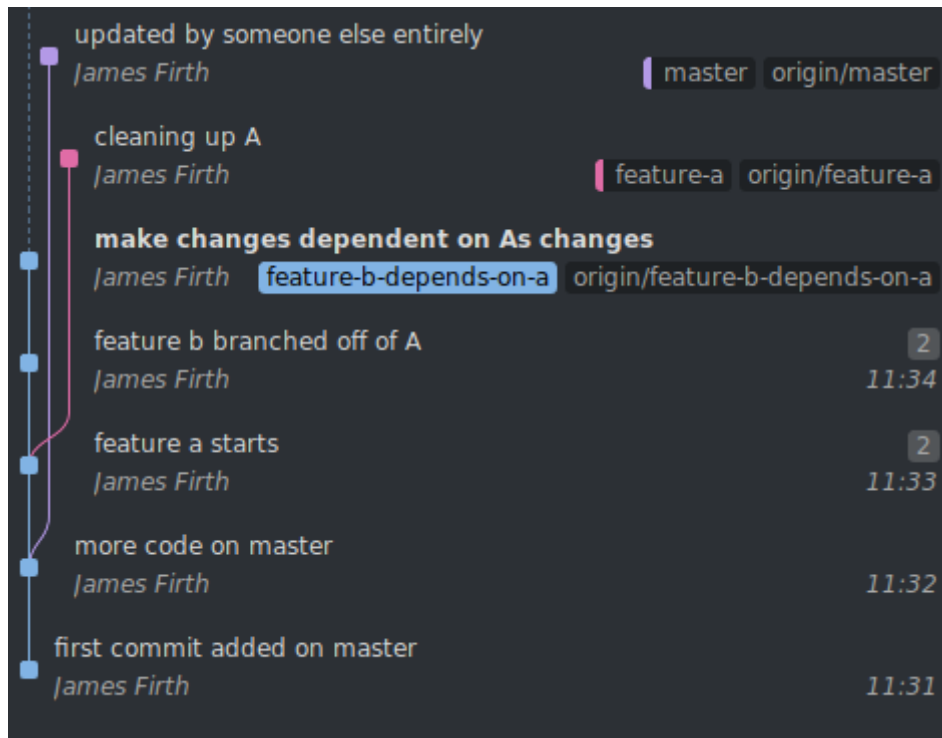


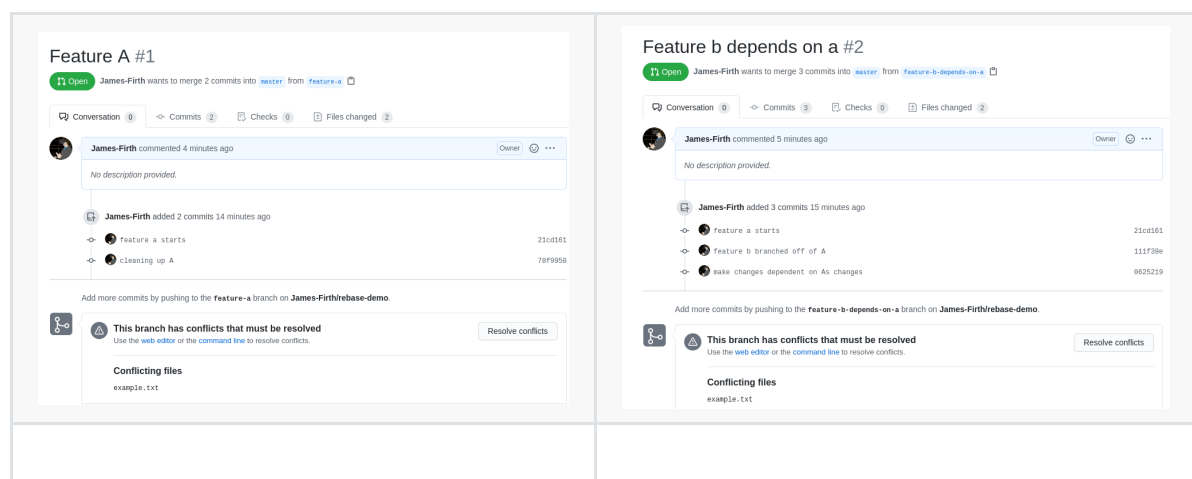
# Rebase Demo

Starting state:

- I have a PR out for A and just made some changes (commit: 'cleaning up A' based on someone's feedback)
- I also have a PR for B which is based off of A
- Master has recently been updated by someone else

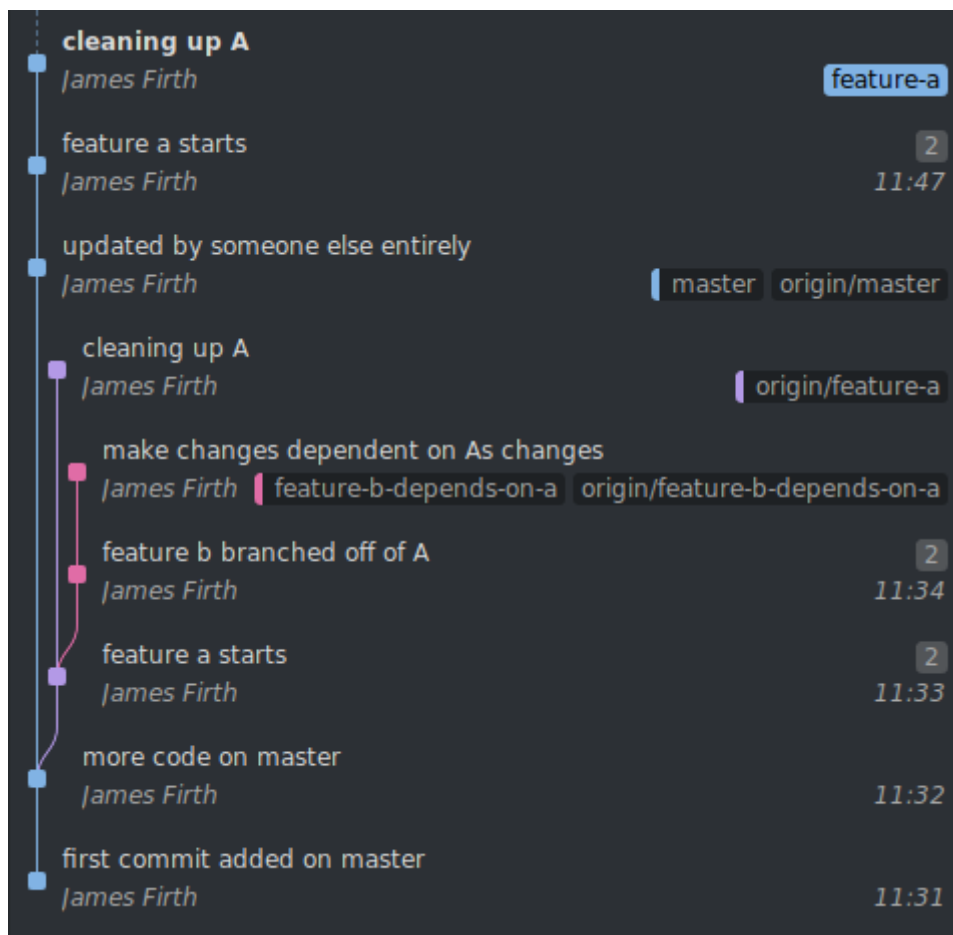


Both PRs have conflicts:



## Commands

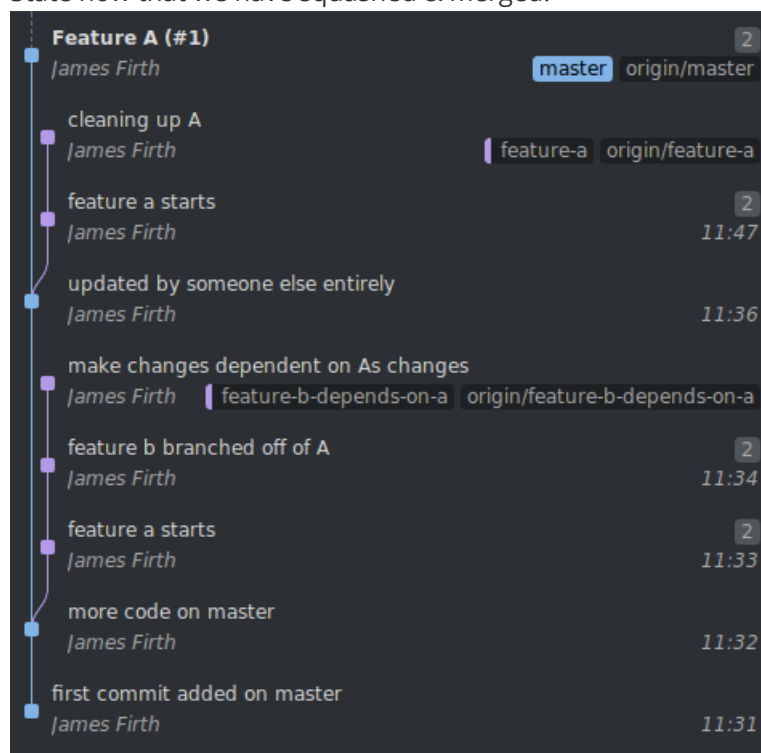
- `git checkout feature-a` to work on A
- `git rebase origin/master` to rebase A onto master
- Resolve conflicts and continue rebasing



- Push to git to fix conflicts in PR `git push --force-with-lease --set-upstream origin feature-a` since we've rebased. `--force-with-lease` is VERY important! `--set-upstream` is unlikely to be important, my particular scenario required it though.

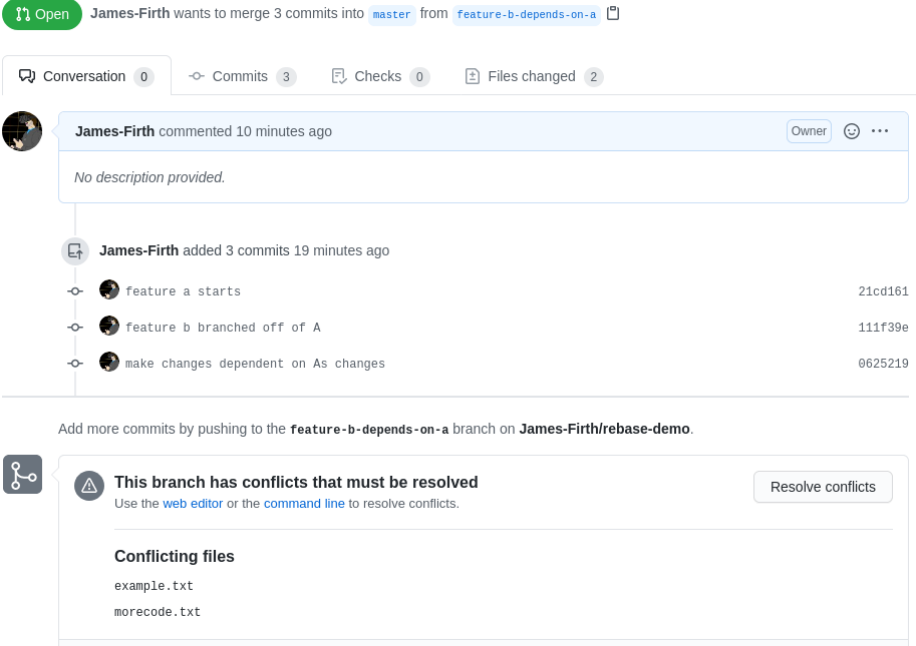
## Feature A gets squash & merged

State now that we have squashed & merged:



We now have more conflicts especially since we don't have 'cleaning up A' or 'Feature A (#1)' in Feature b depends on a #2

our history:



James-Firth wants to merge 3 commits into `master` from `feature-b-depends-on-a`

Conversation 0 Commits 3 Checks 0 Files changed 2

James-Firth commented 10 minutes ago

No description provided.

James-Firth added 3 commits 19 minutes ago

- feature a starts 21cd161
- feature b branched off of A 111f39e
- make changes dependent on As changes 0625219

Add more commits by pushing to the `feature-b-depends-on-a` branch on `James-Firth/rebase-demo`.

This branch has conflicts that must be resolved

Use the [web editor](#) or the [command line](#) to resolve conflicts.

Resolve conflicts

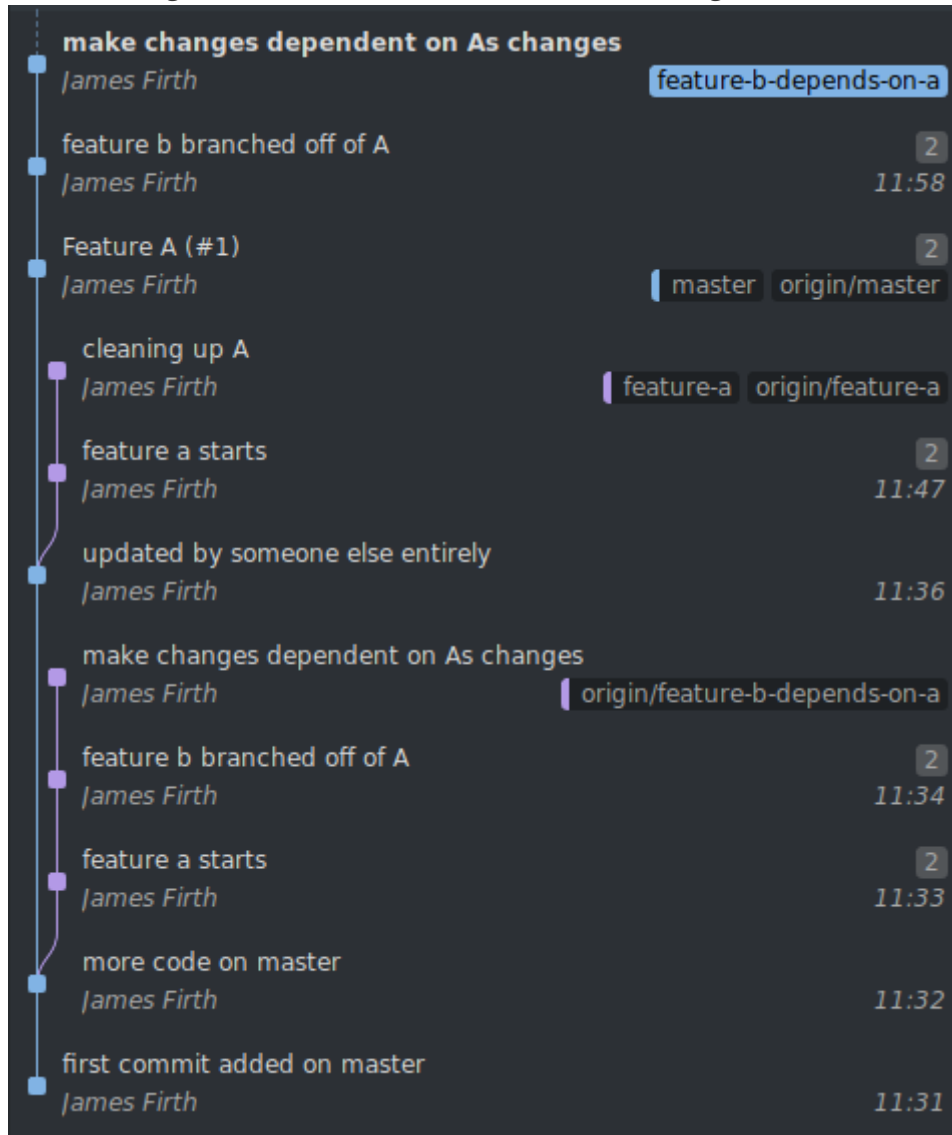
Conflicting files

- example.txt
- morecode.txt

## Commands

- Checkout B branch: `git checkout feature-b-depends-on-a`
- Take note of how many commits we've actually made in addition to the base branch. (In our case just 2 )
- Run command `git rebase --onto master HEAD~2`
  - You'll get some conflicts still because A had conflicts with Master
  - Note: I can't see a nice way to run that command with sublime merge. However you can still use it to resolve conflicts once you've kicked off the rebase process 👍
  - Resolve conflicts


- After handling conflicts, boom we're based off of master again!




- Push `--force-with-lease`

- Github now only shows the actual changes you've made that are relevant

## Feature b depends on a #2

 Open


James-Firth wants to merge 2 commits into `master` from `feature-b-depends-on-a` 

Conversation 0



Commits 2

Checks 0


Files changed 2




James-Firth commented 17 minutes ago


Owner  


No description provided.





James-Firth added 2 commits 26 minutes ago



 feature b branched off of A b1276c5





 make changes dependent on As changes 146e1ec




James-Firth force-pushed the `feature-b-depends-on-a` branch from `0625219` to `146e1ec` now

Add more commits by pushing to the `feature-b-depends-on-a` branch on `James-Firth/rebase-demo`.




 Continuous integration has not been set up

GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

 This branch has no conflicts with the base branch

Merging can be performed automatically.

Squash and merge 

 or view [command line instructions](#).