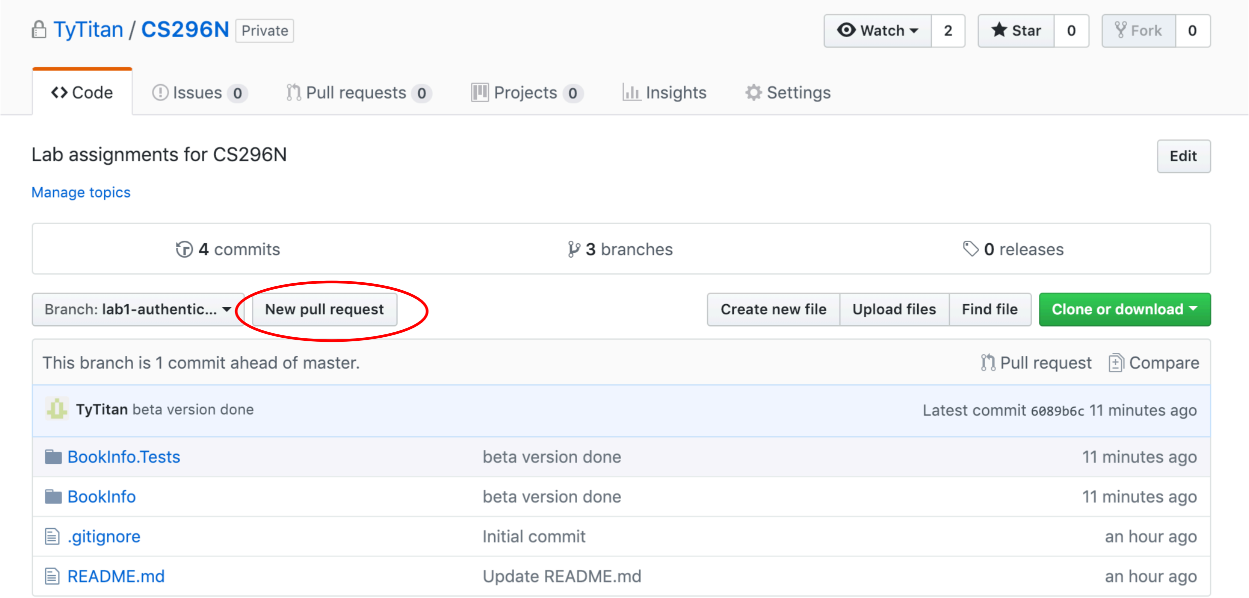
How to make a pull request

Imagine you are TyTitan and this is your repository. Your initial code commit (which could be your last lab from last term) is in the *master* branch and the lab 1 code is in a branch named *lab1-validation*.

1. Click on “New Pull Request”



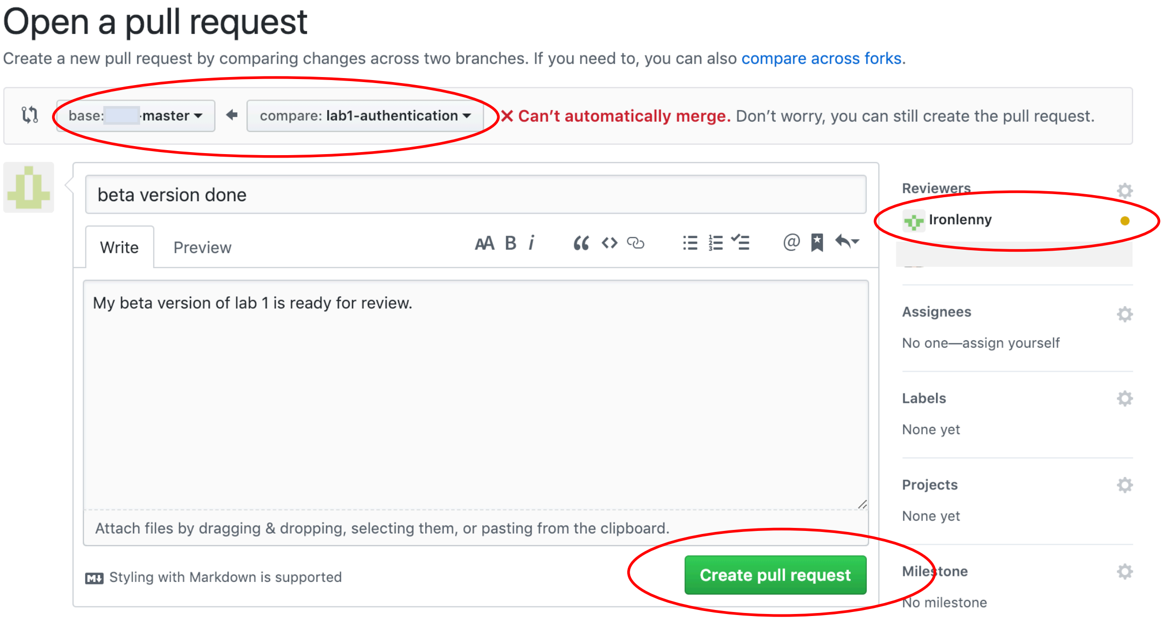
Lab assignments for CS296N

This branch is 1 commit ahead of master.

TyTitan beta version done — Latest commit 6089b6c 11 minutes ago

BookInfo.Tests	beta version done	11 minutes ago
BookInfo	beta version done	11 minutes ago
.gitignore	Initial commit	an hour ago
README.md	Update README.md	an hour ago

2. Choose the branch with your lab beta code as the “compare” branch.
   Note that the *base* and *compare* branches must contain code that has differences.
3. Select reviewer: the student who is reviewing your code.
4. Add a comment.
5. Click on “Create Pull Request”.



Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks.

base: [redacted] master ← compare: lab1-authentication ✕ Can’t automatically merge. Don’t worry, you can still create the pull request.

beta version done

My beta version of lab 1 is ready for review.

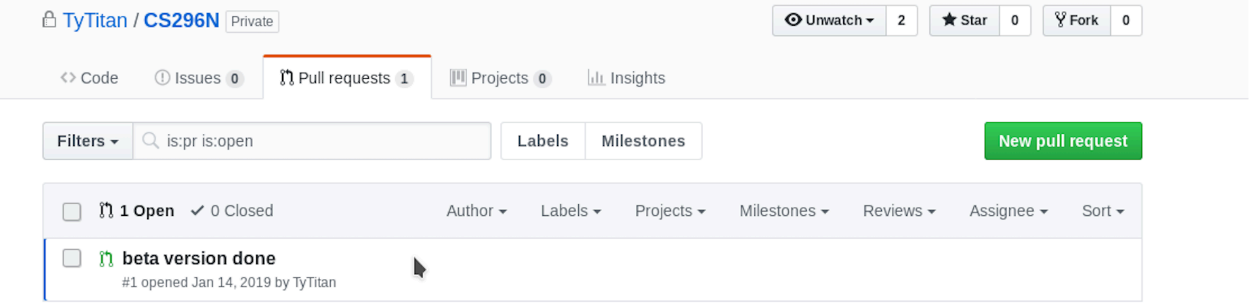
Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

The pull request is now sent to your reviewer, ironlenny.

Doing a code review on GitHub

Doing a Code Review

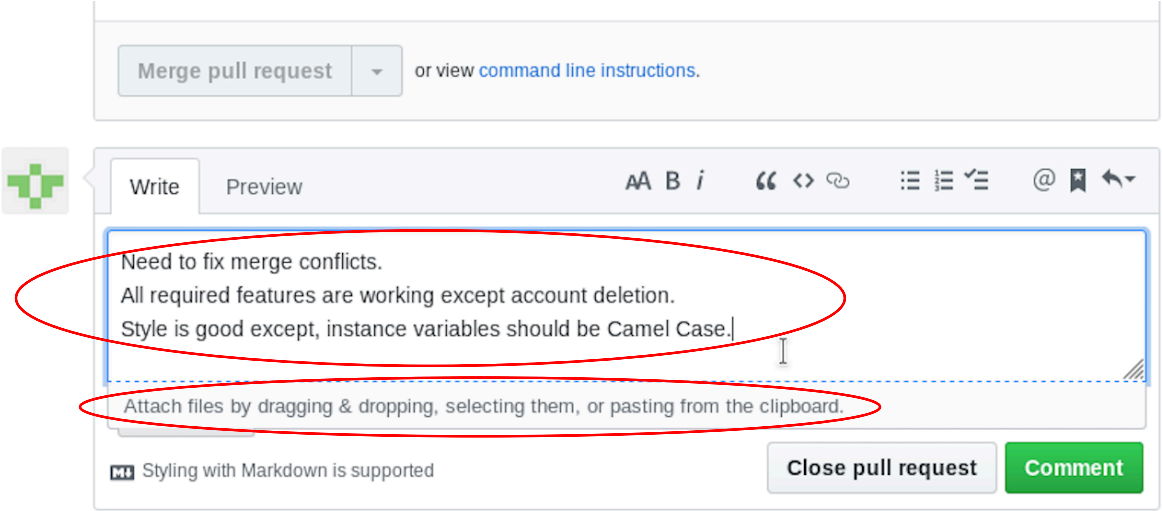
Now imagine you are TyTitan's lab partner, ironlenny. You just got an e-mail with the PR, when you follow the link in the e-mail you will be taken to TyTitan's repository and you'll see this:



□ beta version done

#1 opened Jan 14, 2019 by TyTitan

Now you can pull the branch, look at the code, run it, and make comments and attach a completed code review form. Here's an example of comments a lab partner might make:

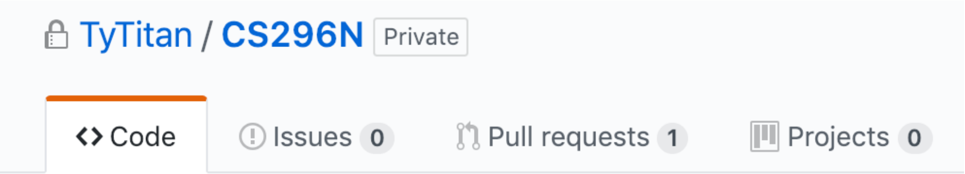

Merge pull request
or view command line instructions.
Write
Preview
Close pull request
Comment
Styling with Markdown is supported

Need to fix merge conflicts.
All required features are working except account deletion.
Style is good except, instance variables should be Camel Case.

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Reading the code review from your lab partner

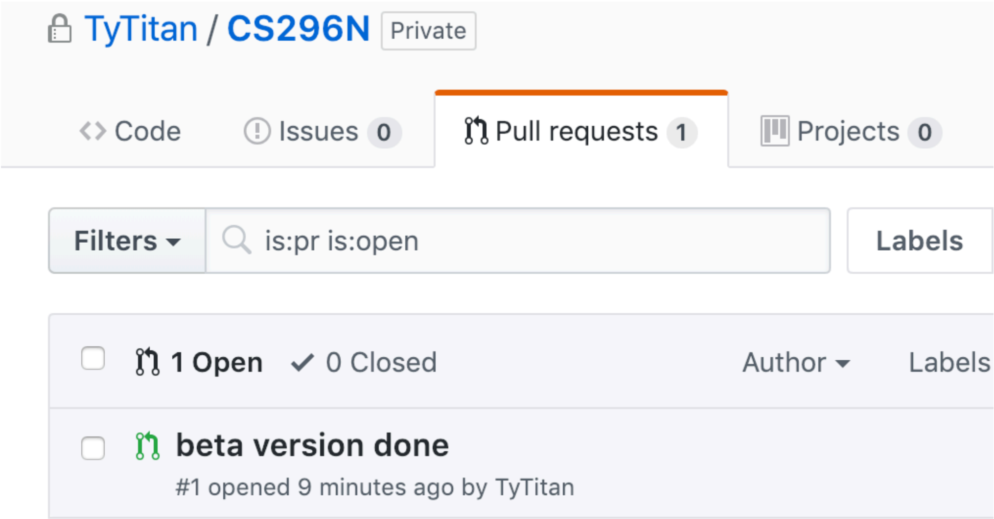
Now imagine you are TyTitan again. After your lab partner has done the code review, you can read their comments by first clicking on "Pull requests"



Then select the current pull request
(see next page)

Written by Brian Bird, Lane Community College, winter 2019, revised winter 2020.

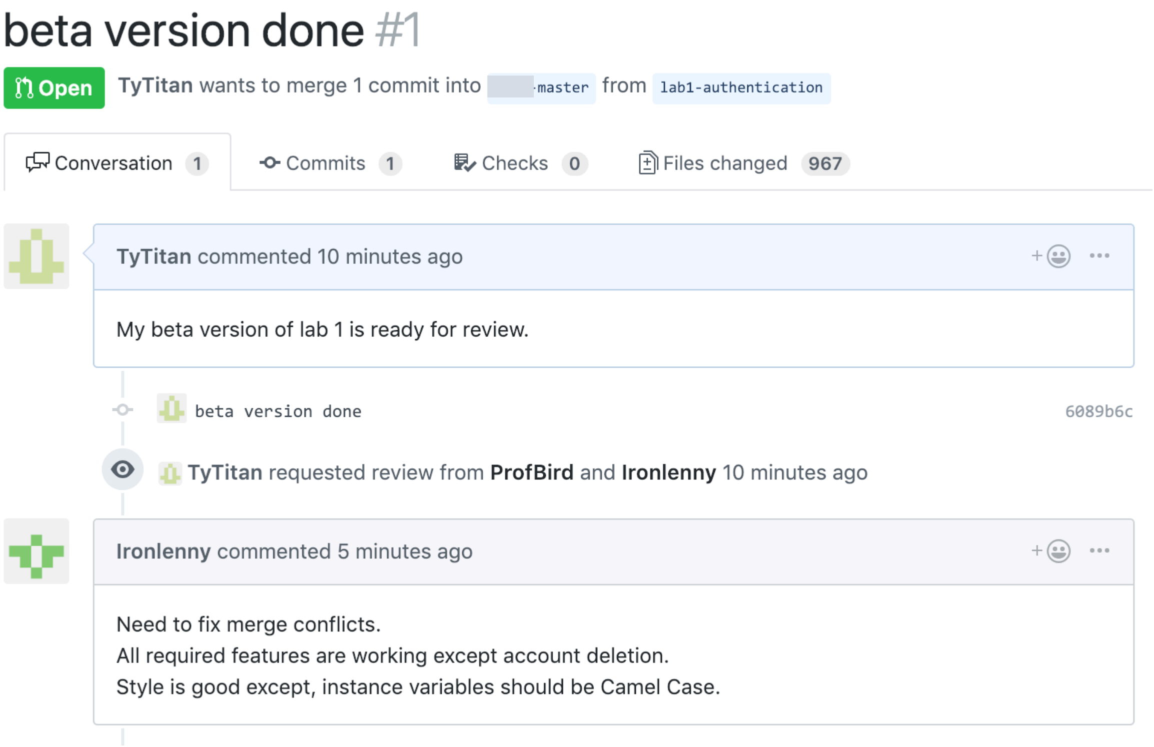
Doing a code review on GitHub



beta version done

#1 opened 9 minutes ago by TyTitan

Then read your lab partner’s comments.


beta version done #1

TyTitan wants to merge 1 commit into [redacted]master from lab1-authentication

TyTitan commented 10 minutes ago

My beta version of lab 1 is ready for review.

beta version done 6089b6c

TyTitan requested review from **ProfBird** and **Ironlenny** 10 minutes ago

Ironlenny commented 5 minutes ago

Need to fix merge conflicts.
All required features are working except account deletion.
Style is good except, instance variables should be Camel Case.

Your lab partner, ironlenny, doesn’t need to do the merge or close the PR, you can do that yourself once you are satisfied that the code is production-worthy. Your merge will end up back in master, but keep the Lab1-Validation branch to show what you did for that lab.

It’s fine to make multiple changes to the beta branch and get feedback from your lab partner multiple times if your lab partner is willing.

Written by Brian Bird, Lane Community College, winter 2019, revised winter 2020.