Setting up GitHub

GEO1005 (2017-18 Q2)

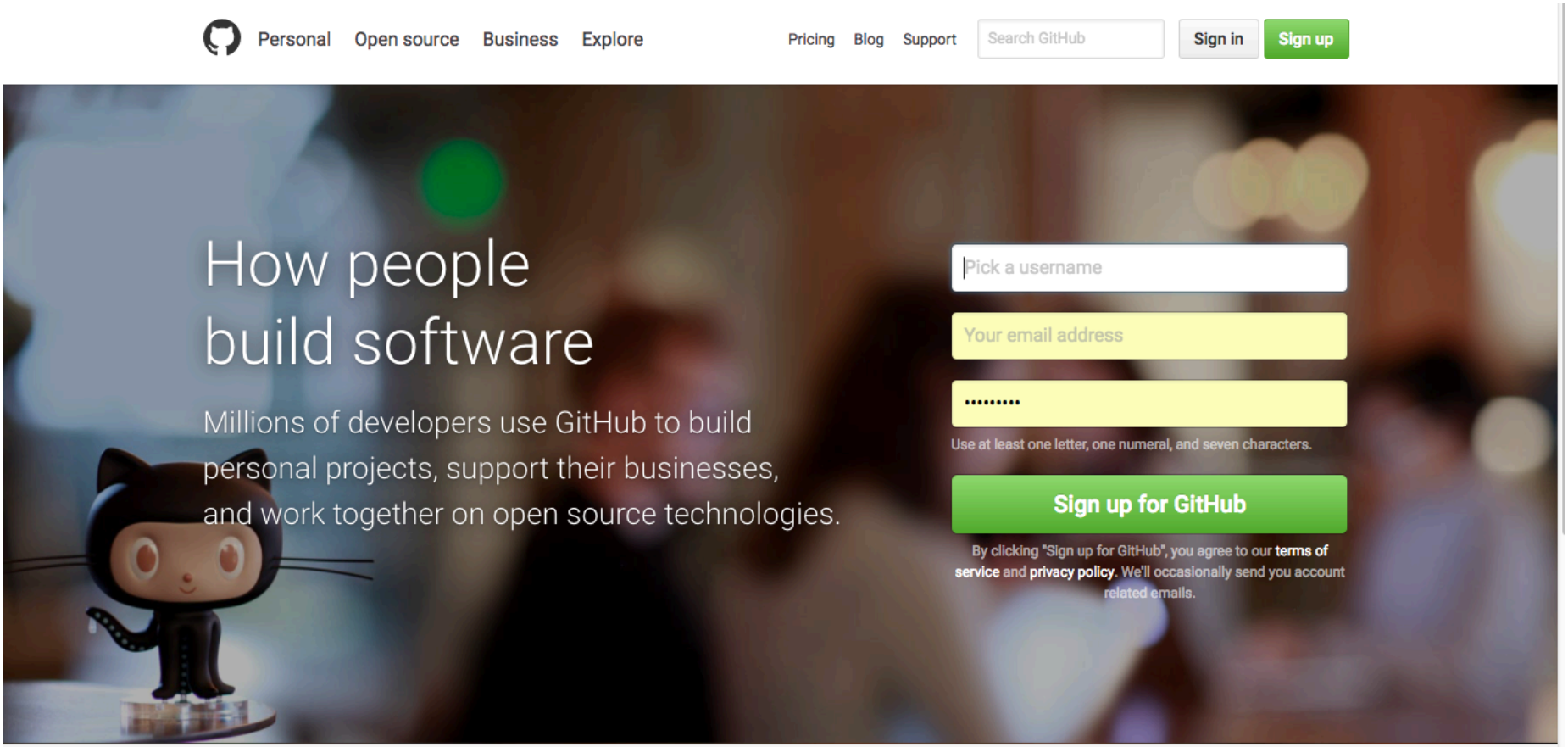
Spatial Decision Support for Planning and Crisis Management

Jorge Gil and Sisi Zlatanova

Objectives

1. Overview of GitHub
2. Create a GitHub account
3. Create a repository for the GEO1005 project (fork the base ‘GEO1005’ from jorgegil)
4. Rename it and add collaborators
5. Start working on the wiki

- https://github.com/



Welcome home, developers

GitHub fosters a fast, flexible, and collaborative development process that lets you work on your own or with others.

- A tool for collaboration
- A source code version control system
- A publishing platform (for code/projects)

Watch:

https://www.youtube.com/watch?v=VUaBfYCmJls

Create GitHub account

- https://github.com/

Create GitHub account

Search GitHub | Pull requests | Issues | Gist

Jorge Gil
jorgegil

Add a bio

Netherlands
Joined on Sep 25, 2011

Organizations

Space Syntax ODW

Overview | Repositories 4 | Stars 70 | Followers 17 | Following 0

Pinned repositories

Customize your pinned repositories

- SpaceGroupUCL/**qgisSpaceSyntaxToolkit**
  Space Syntax Toolkit for QGIS
  Python ★ 19 9
- **commute-energy-EN-NL**
  R ★ 1
- **phdThesisCode**
  Code and scripts used in the PhD thesis
  R ★ 1
- **GEO1005**
  Material for the MSc Geomatics GEO1005 course project
  Python 13
- OpenDigitalWorks/**UrbanDataInputTool**
  Urban Data Input Tool for QGIS
  JavaScript

You can now pin up to 6 repositories.

252 contributions in the last year

Contribution settings

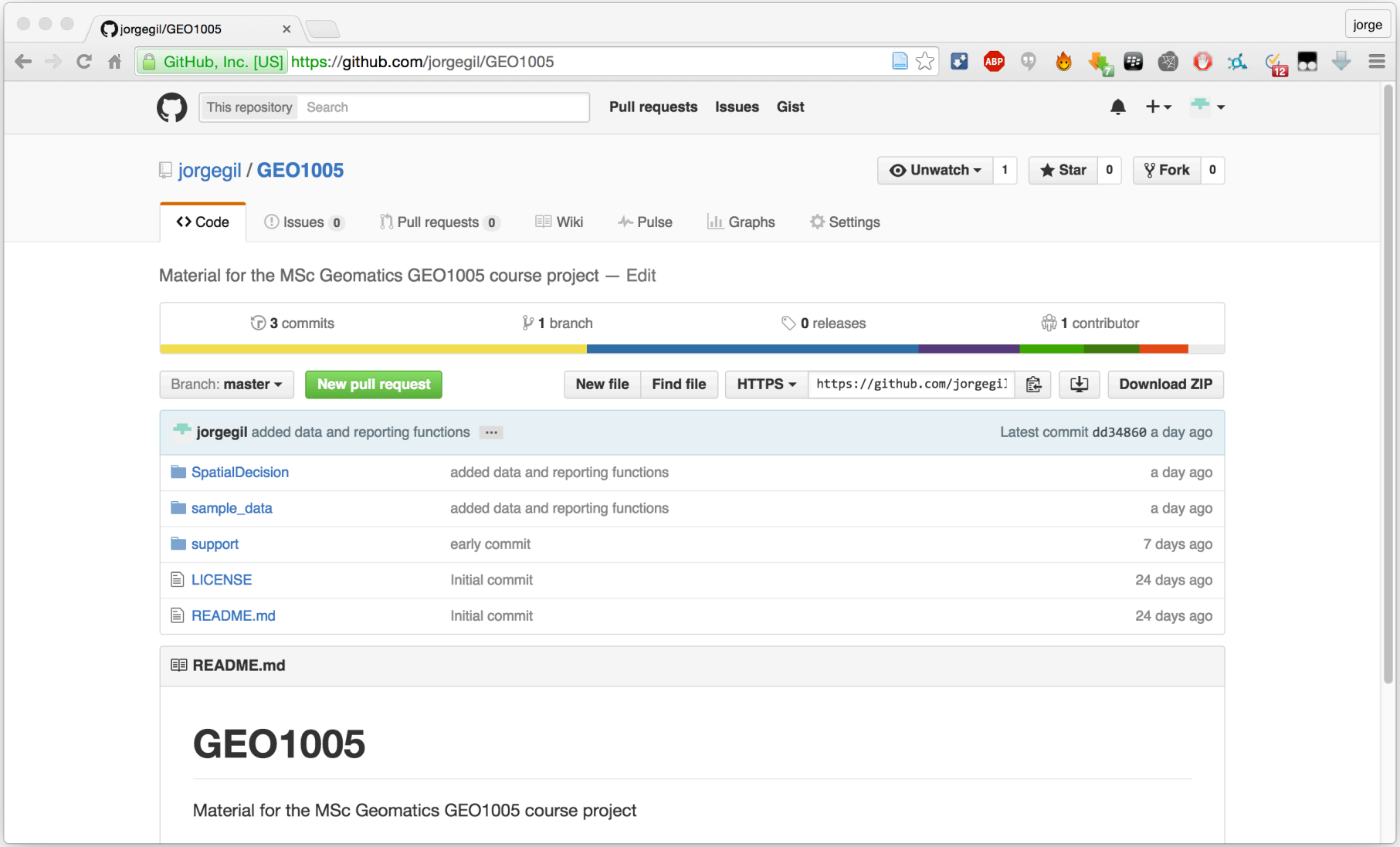
Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov

Mon
Wed
Fri

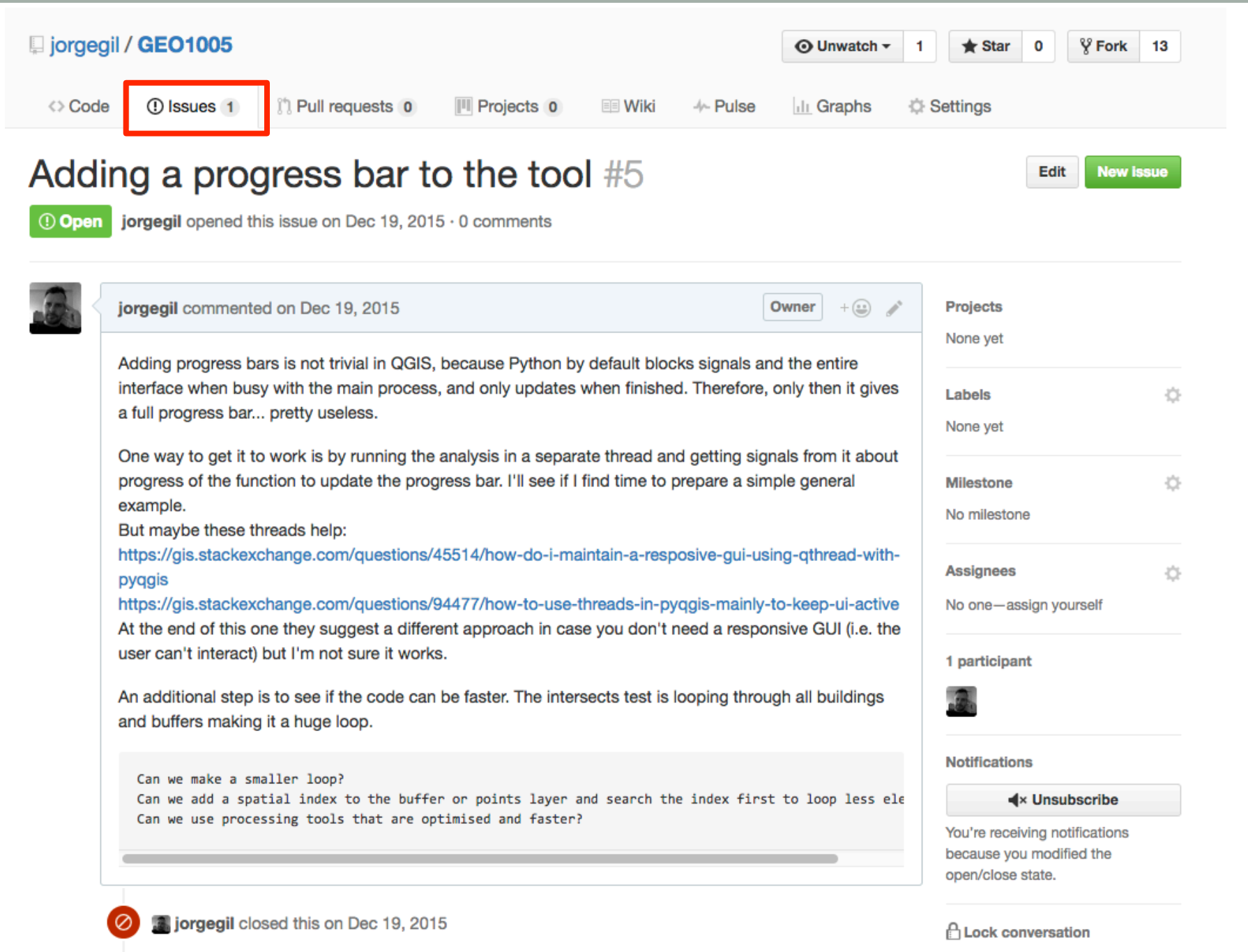
Learn how we count contributions.

Less More

https://github.com/jorgegil/GEO1005



jorgegil / GEO1005
Unwatch 1
Star 0
Fork 13
Code
Issues 1
Pull requests 0
Projects 0
Wiki
Pulse
Graphs
Settings
Releases
Tags
Draft a new release
Latest release
v0.15
44c3196
Example SDSS 2015-16
Edit
jorgegil released this on Jan 11
This is the example plug-in used in the 2015-16 course
Downloads
Source code (zip)
Source code (tar.gz)



jorgegil / GEO1005

Unwatch 1 | Star 0 | Fork 13

Code | Issues 1 | Pull requests 0 | Projects 0 | Wiki | Pulse | Graphs | Settings

Adding a progress bar to the tool #5

Edit | New issue

Open **jorgegil** opened this issue on Dec 19, 2015 · 0 comments

jorgegil commented on Dec 19, 2015 — Owner

Adding progress bars is not trivial in QGIS, because Python by default blocks signals and the entire interface when busy with the main process, and only updates when finished. Therefore, only then it gives a full progress bar... pretty useless.

One way to get it to work is by running the analysis in a separate thread and getting signals from it about progress of the function to update the progress bar. I'll see if I find time to prepare a simple general example.
But maybe these threads help:
https://gis.stackexchange.com/questions/45514/how-do-i-maintain-a-resposive-gui-using-qthread-with-pyqgis
https://gis.stackexchange.com/questions/94477/how-to-use-threads-in-pyqgis-mainly-to-keep-ui-active
At the end of this one they suggest a different approach in case you don't need a responsive GUI (i.e. the user can't interact) but I'm not sure it works.

An additional step is to see if the code can be faster. The intersects test is looping through all buildings and buffers making it a huge loop.

```
Can we make a smaller loop?
Can we add a spatial index to the buffer or points layer and search the index first to loop less ele
Can we use processing tools that are optimised and faster?
```

jorgegil closed this on Dec 19, 2015

Projects
None yet

Labels
None yet

Milestone
No milestone

Assignees
No one—assign yourself

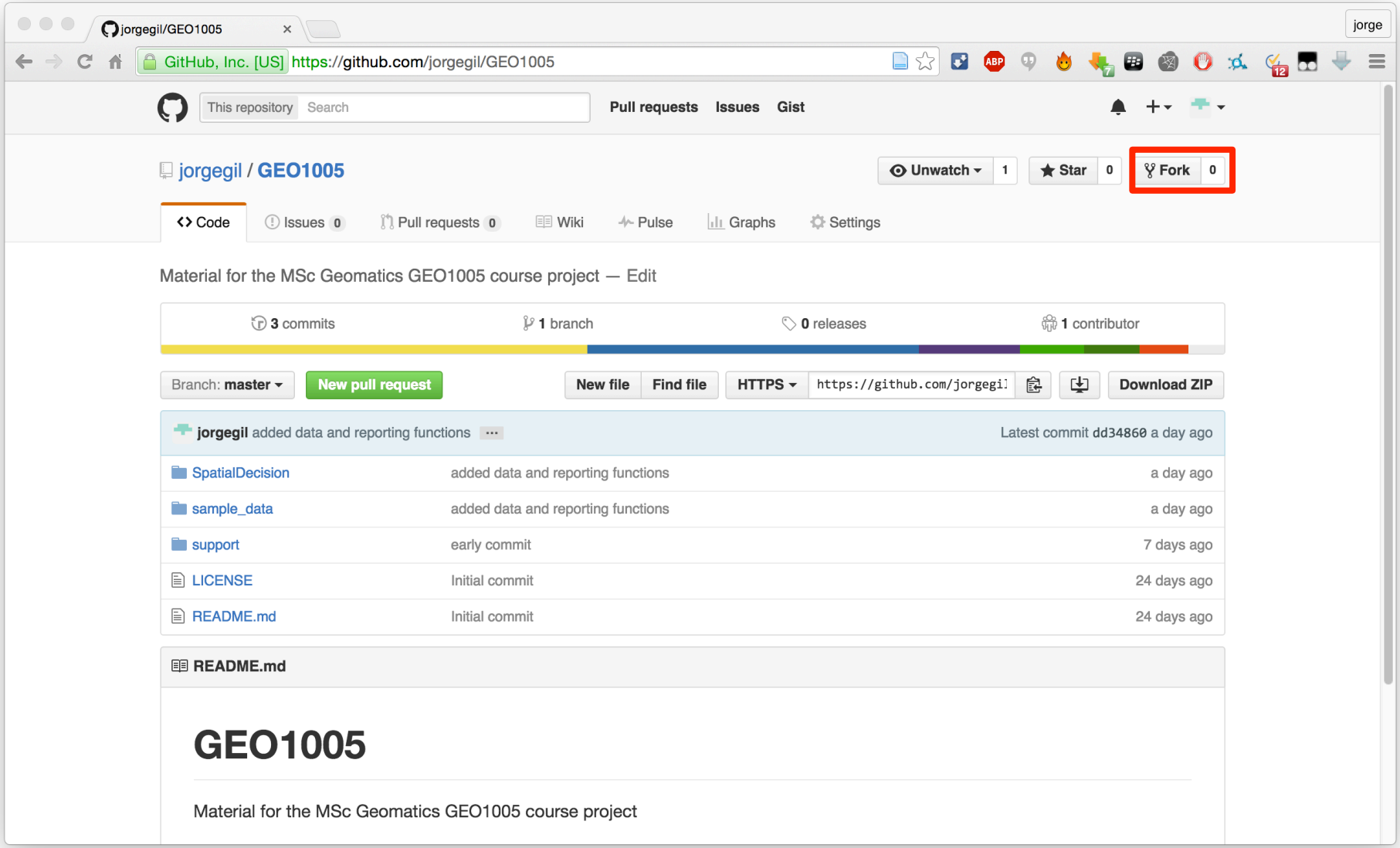
1 participant

Notifications
Unsubscribe
You're receiving notifications because you modified the open/close state.

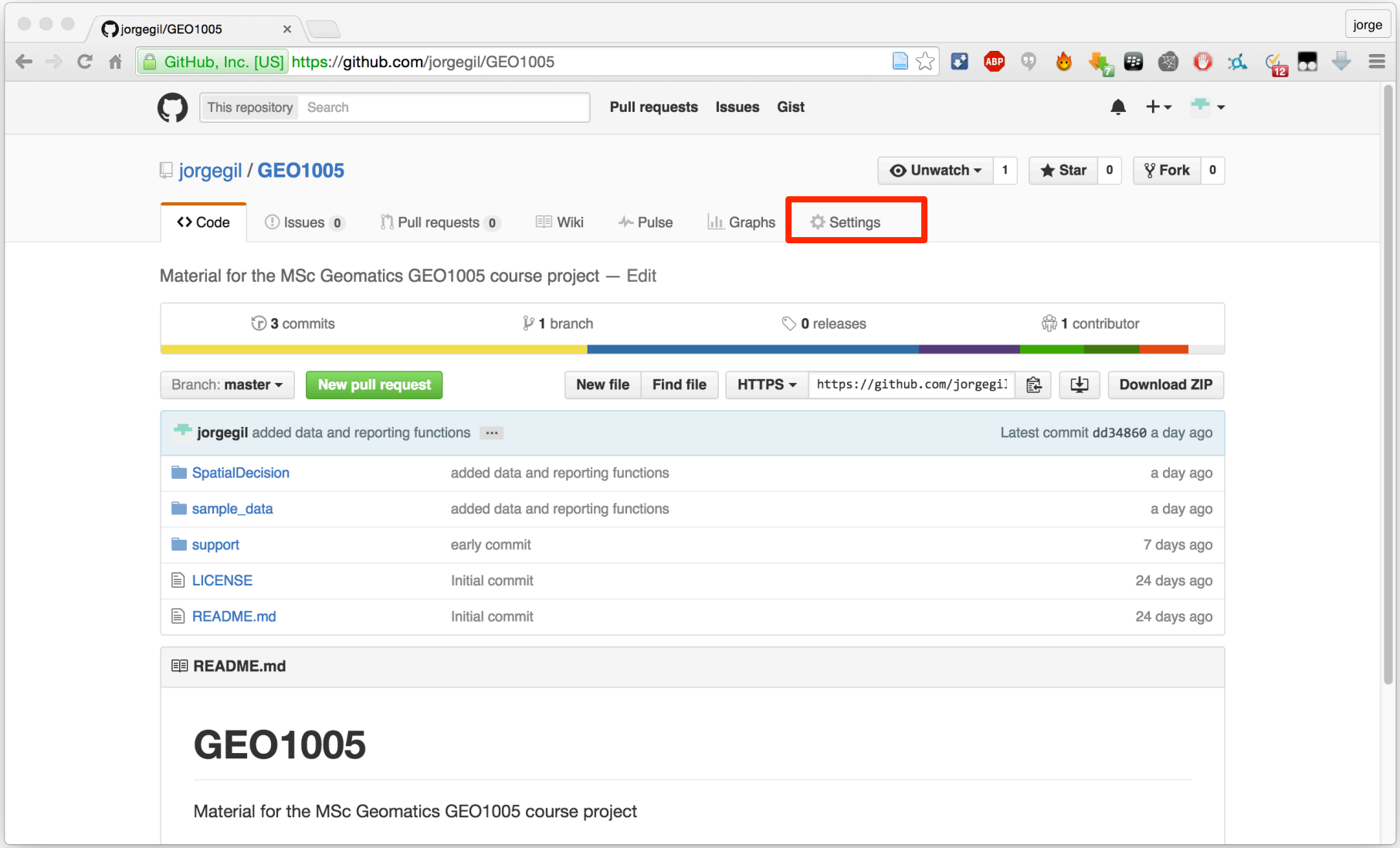
Lock conversation

1. Overview of GitHub
2. Create a GitHub account
3. **Create a repository for the GEO1005 project (fork the base 'GEO1005' from jorgegil)**
4. **Rename it and add collaborators**
5. Restrict editing of wikis
6. **Start working on the wiki**

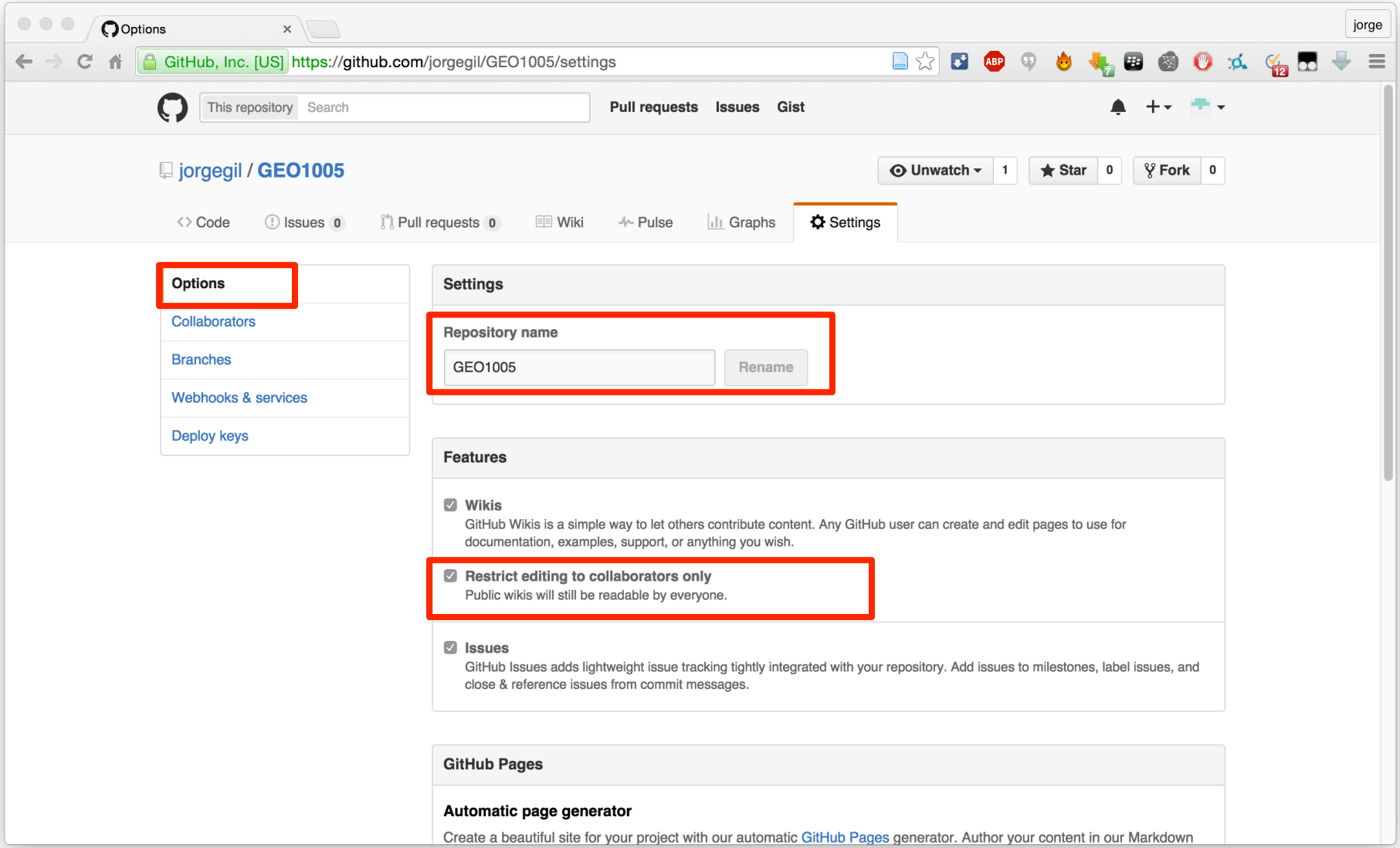
Fork the GEO1005 repository



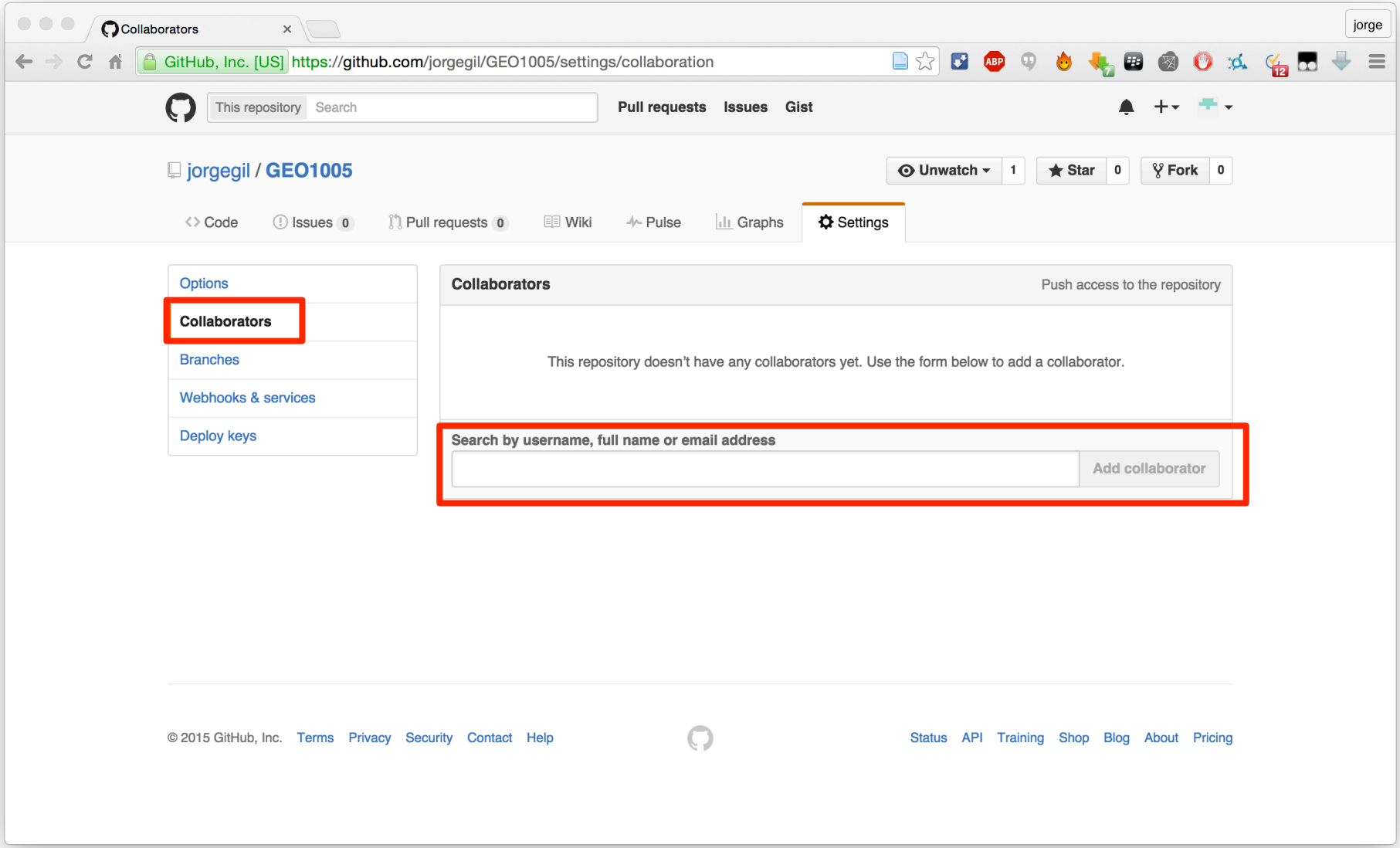
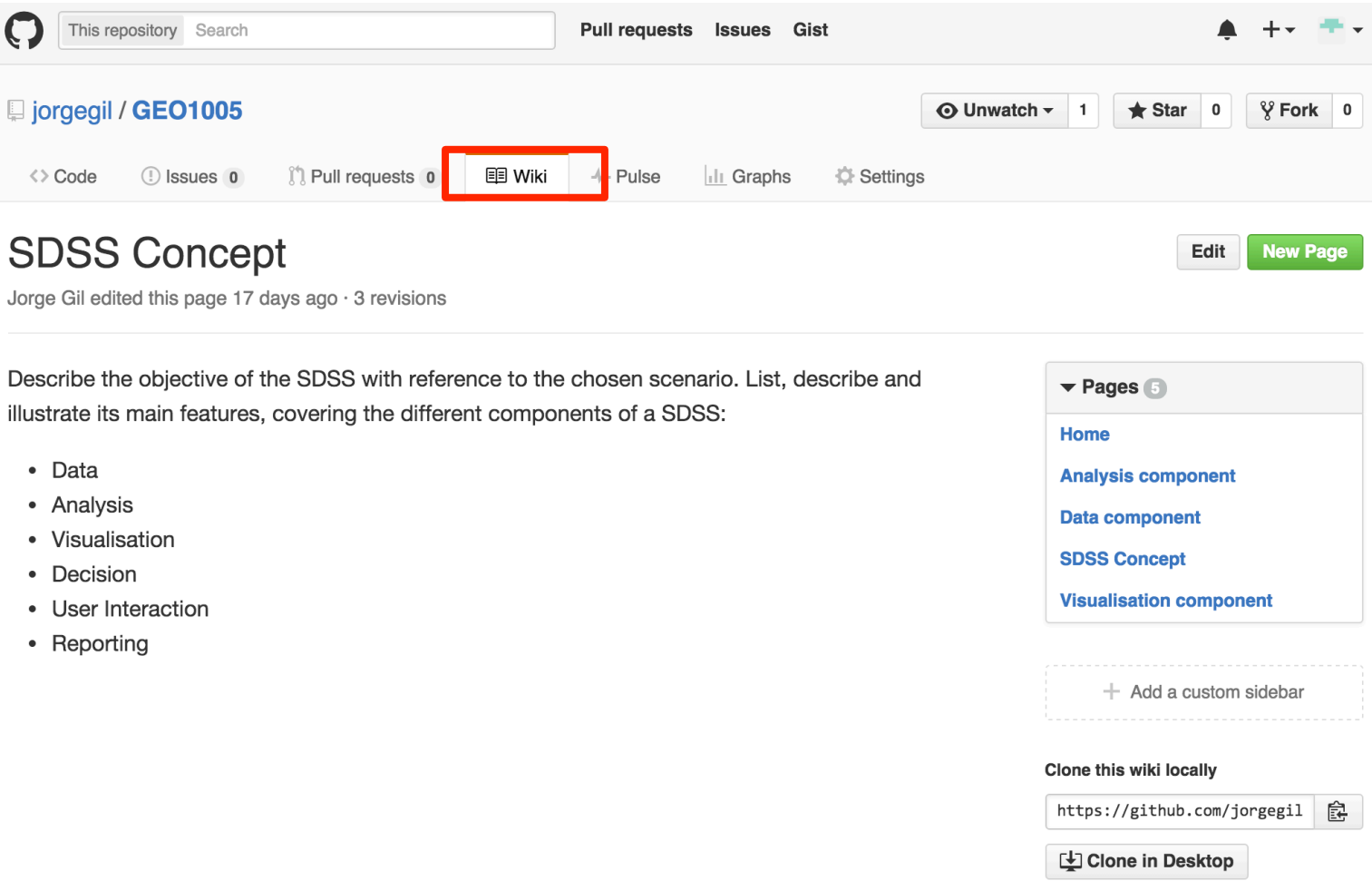
Change repository settings



Change name and editing options



Add collaborators



View and edit the Wiki