

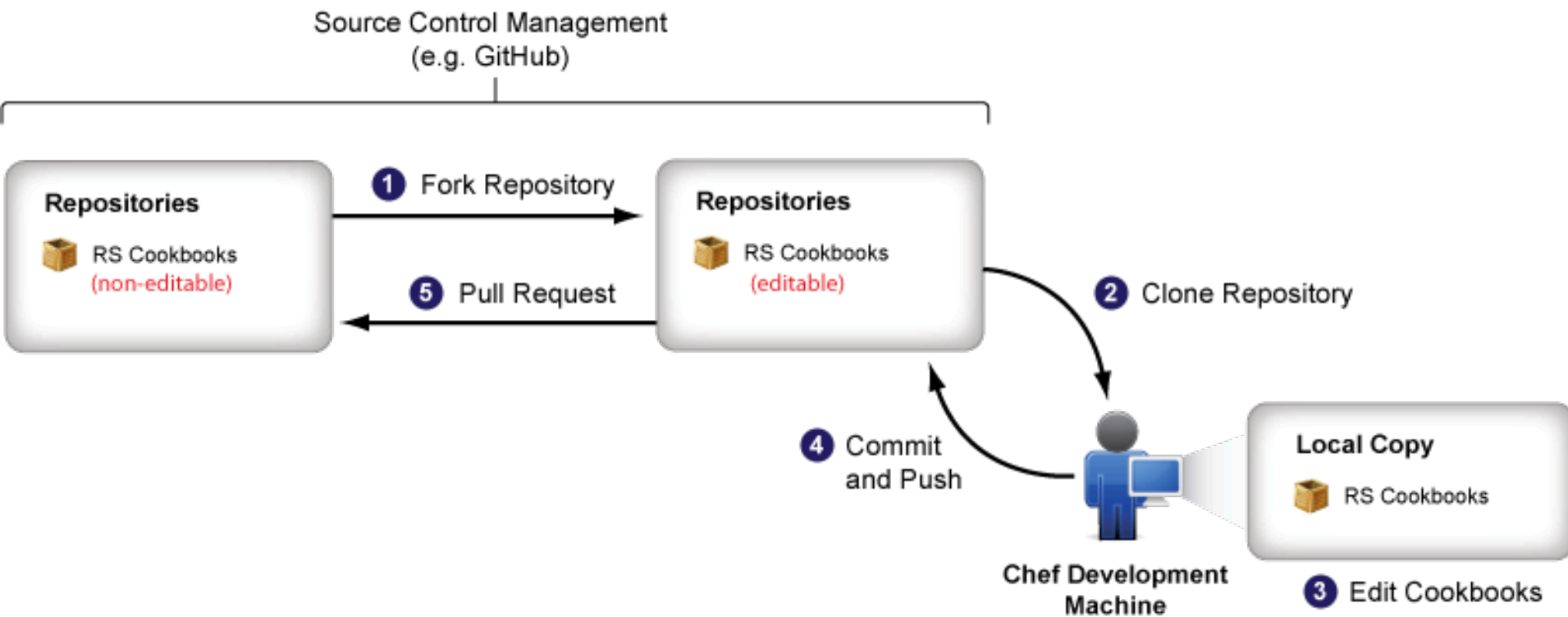
Collaboration

GEO1005 (2017-18 Q2)

Spatial Decision Support for Planning and
Crisis Management

Jorge Gil

1. Rename repository: 2017_GroupXX_Title
2. Develop the wiki
3. Install GitHub desktop
4. Each person **clones** the Group's repository locally into a work folder (NOT in the QGIS plugins folder!)



- <https://desktop.github.com/>
- Download, install, set-up with account details

GitHub Desktop

[Overview](#) | [Release Notes](#) | [Help](#)

Simple collaboration from your desktop

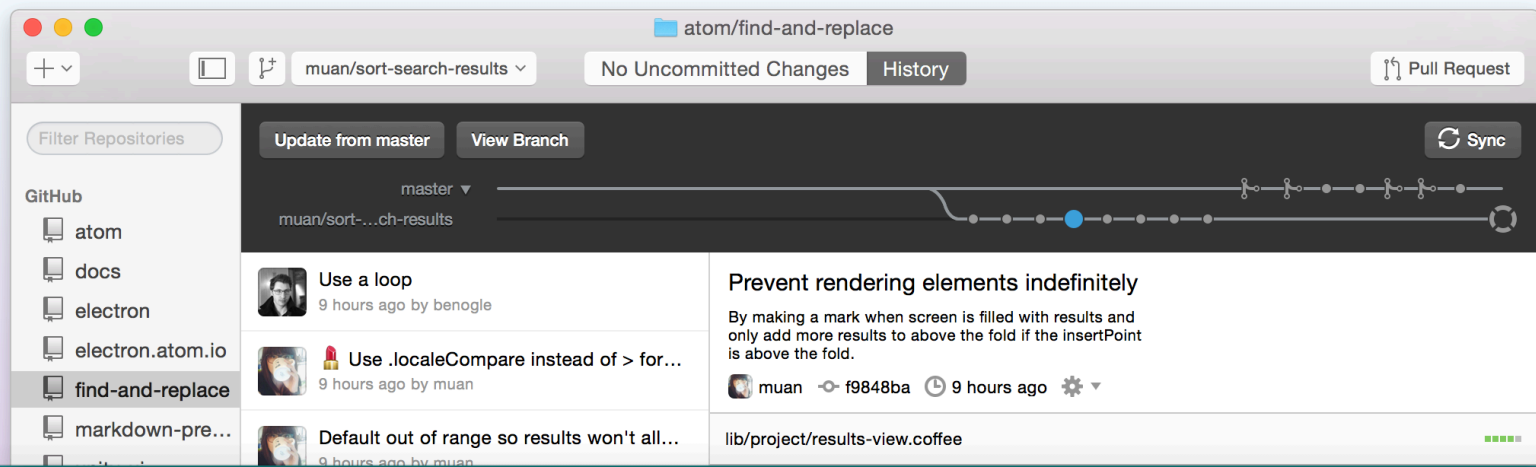
GitHub Desktop is a seamless way to contribute to projects on **GitHub** and **GitHub Enterprise**.

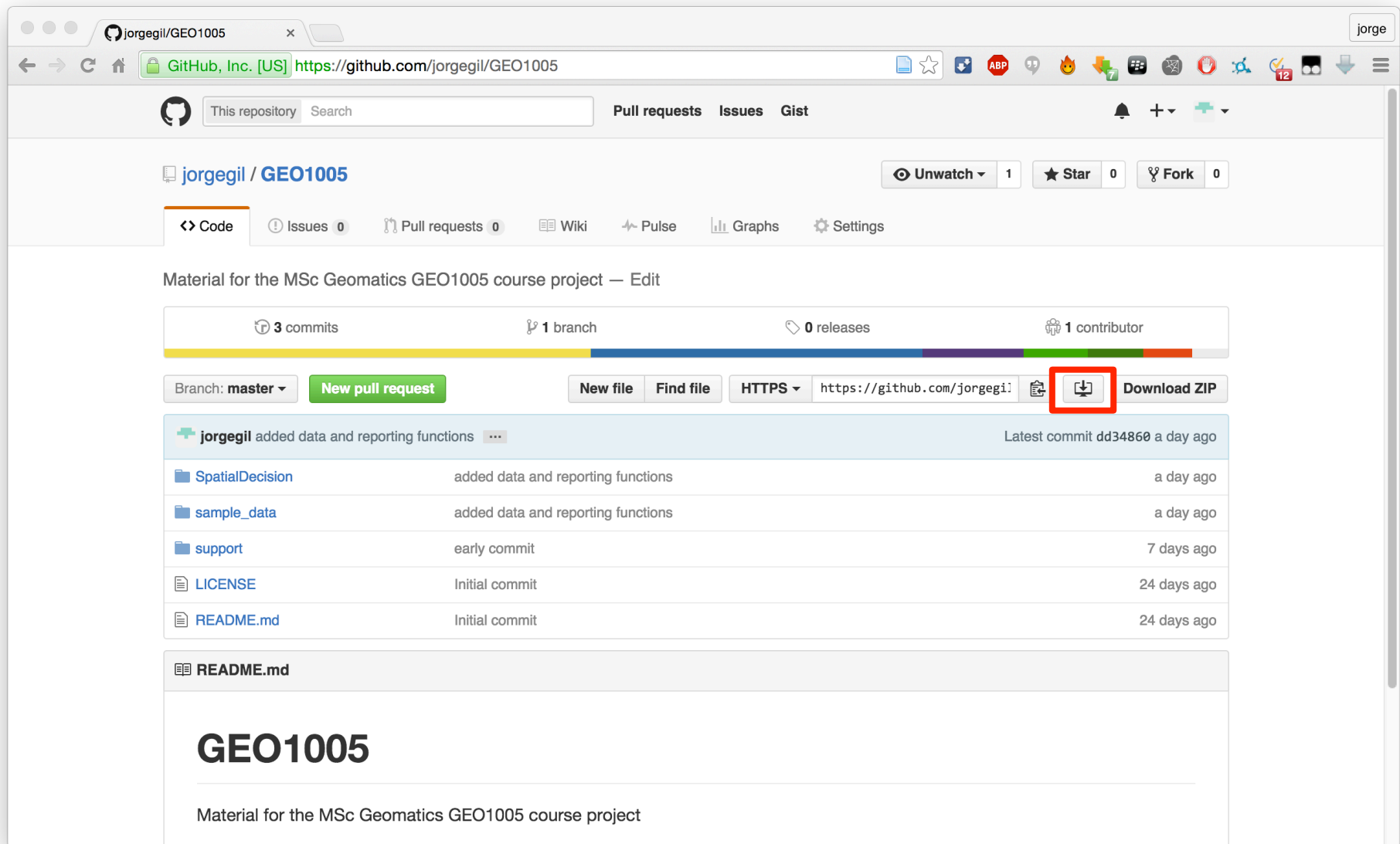
Available for [Mac](#) and **Windows**

Download GitHub Desktop

OS X 10.9 or later

By clicking the Download button you agree to the **End-User License Agreement**





The screenshot shows the GitHub repository page for `jorgegil/GEO1005`. The browser address bar displays the URL `https://github.com/jorgegil/GEO1005`. The repository name `jorgegil / GEO1005` is shown at the top, along with buttons for `Unwatch` (1), `Star` (0), and `Fork` (0). Below the repository name, there are tabs for `Code`, `Issues` (0), `Pull requests` (0), `Wiki`, `Pulse`, `Graphs`, and `Settings`.

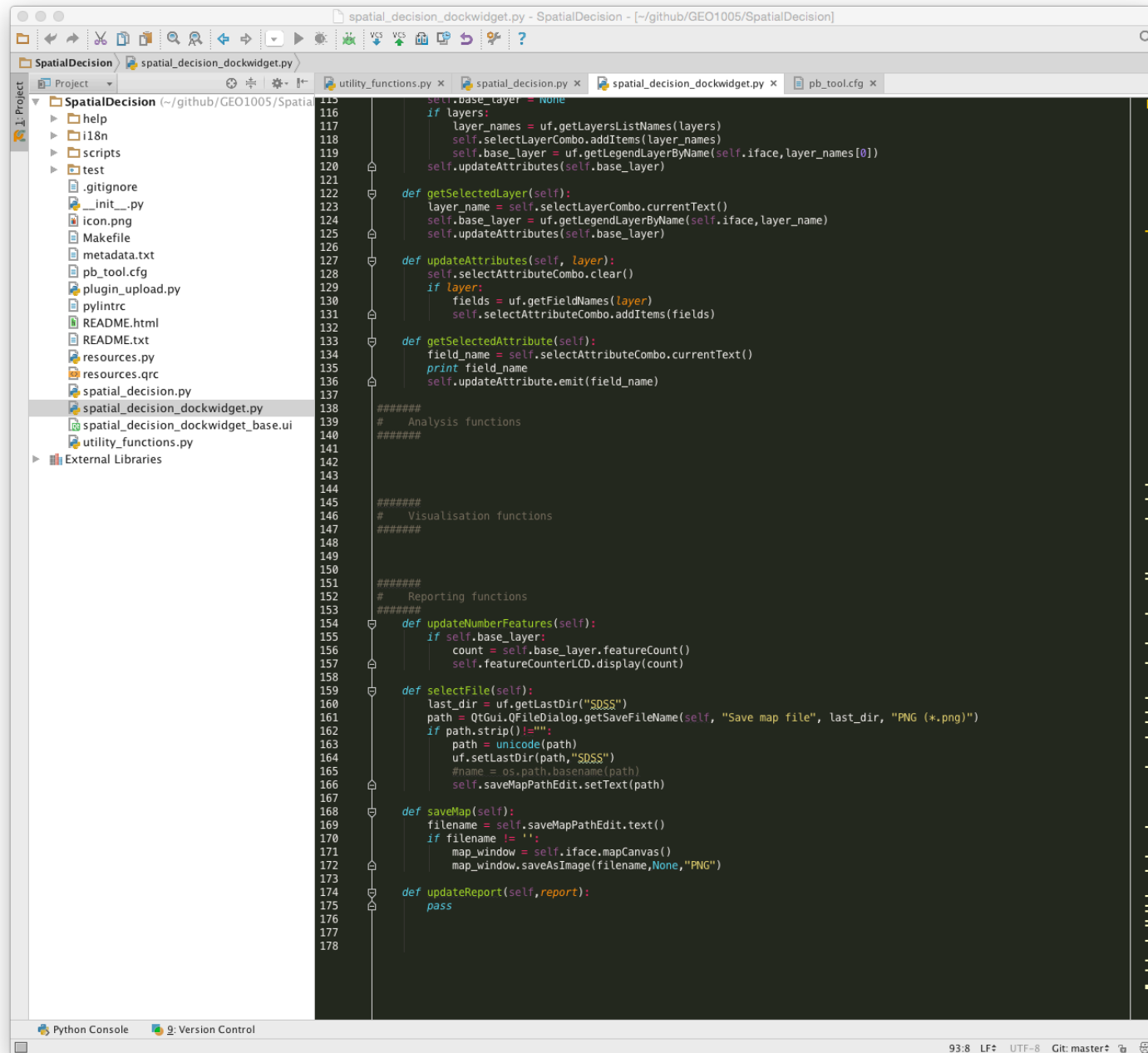
The main content area shows the repository description: "Material for the MSc Geomatics GEO1005 course project — Edit". Below this, there is a progress bar and statistics: `3 commits`, `1 branch`, `0 releases`, and `1 contributor`.

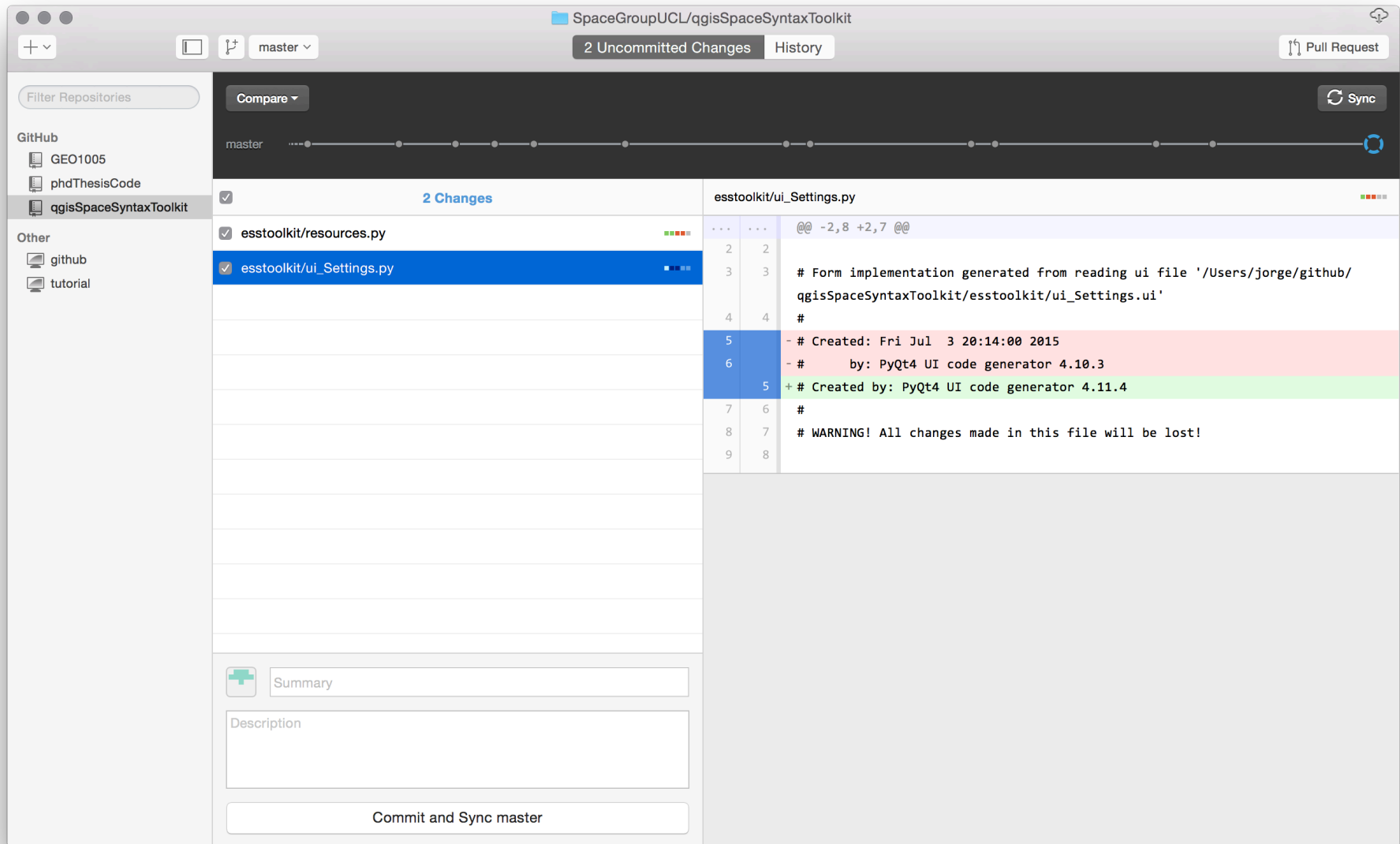
Below the statistics, there is a section for the commit history. The first commit is highlighted, showing the message `jorgegil added data and reporting functions` and the latest commit hash `dd34860` from `a day ago`. The commit history table lists the following files and their commit details:

File	Commit Message	Commit Time
<code>SpatialDecision</code>	added data and reporting functions	a day ago
<code>sample_data</code>	added data and reporting functions	a day ago
<code>support</code>	early commit	7 days ago
<code>LICENSE</code>	Initial commit	24 days ago
<code>README.md</code>	Initial commit	24 days ago

Below the commit history, there is a section for the `README.md` file. The file content is displayed, showing the title `GEO1005` and the description "Material for the MSc Geomatics GEO1005 course project".

A red box highlights the `Download ZIP` button in the commit history section, which is used to download the repository files as a ZIP archive.





- Add/remove files or folders
- Commit to the repository
- Open the project in PyCharm
- Make changes to the code
- Commit changes to repository
- Create a branch
- Make changes to the branch
- Merge branch with master

You are using the shared repository model.

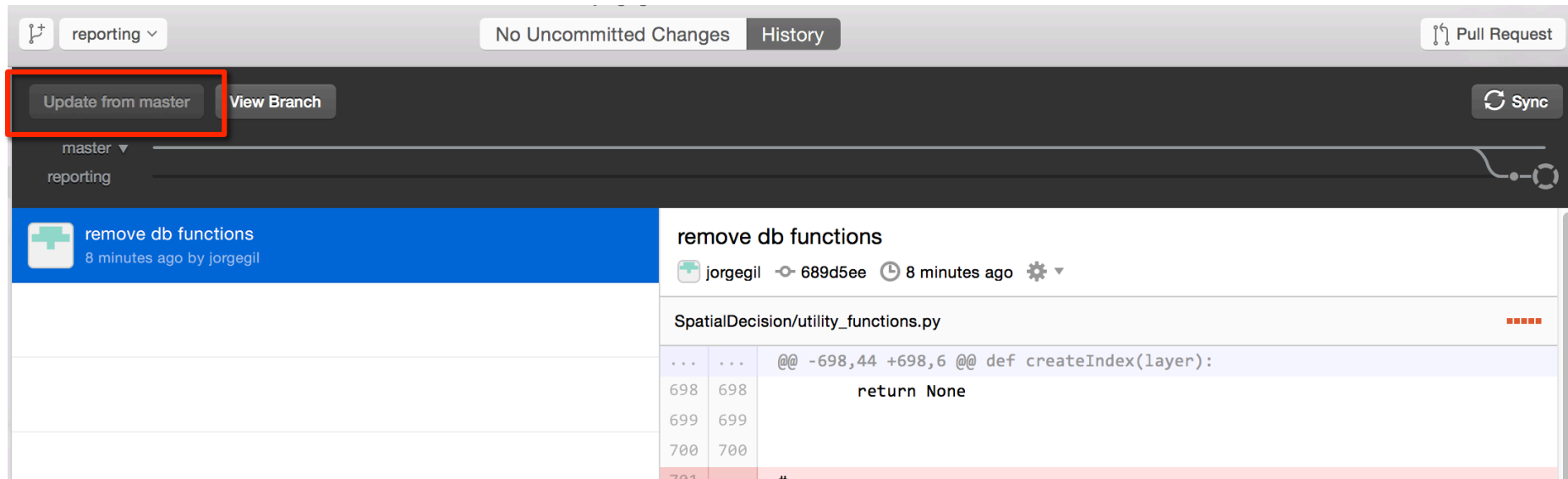
Overview here:

<https://guides.github.com/introduction/flow/>

Split work between team members and all write code...

Or sit side by side, coding as a team.

- Compare with master or other branches



- Test possible merge getting latest from master ('Update from master')
- Or merging other branches ('Branch > Merge into 'master'...')

- Create a pull request to merge the branch with master.

The screenshot shows the GitHub web interface. At the top, there's a navigation bar with a 'reporting' dropdown, 'No Uncommitted Changes', and a 'History' tab. In the top right corner, a 'Pull Request' button is highlighted with a red rectangle. Below the navigation bar, a branch comparison view shows 'master' and 'reporting' branches. The 'reporting' branch has a commit titled 'remove db functions' by 'jorgegil' 9 minutes ago. The main content area displays the code diff for 'spatialDecision/utility_functions.py'. The diff shows a function 'createIndex' that returns 'None'. Below the diff, there's a list of changes, including a comment about 'General database functions' and a function definition 'def getDBLayerConnection'. On the right side, a 'Pull Request' sidebar is open, showing the title 'remove db functions', the branches 'master' and 'reporting', a 'Description' field, and a 'Send Pull Request' button. A green icon with a circular arrow indicates that the pull request can be automatically merged.

- Manage and merge pull requests on GitHub website.

The screenshot shows a GitHub pull request interface. At the top, there's a navigation bar with tabs for Code, Issues (0), Pull requests (1), Wiki, Pulse, Graphs, and Settings. The main title is 'remove db functions #2'. Below the title, it says 'jorgegil wants to merge 1 commit into master from reporting'. There are tabs for Conversation (0), Commits (1), and Files changed (1). A comment from 'jorgegil' is shown, stating 'No description provided.' Below the comment, there's a commit preview for 'remove db functions' with a commit hash '689d5ee'. At the bottom, a green box highlights a message: 'This branch is up-to-date with the base branch. Merging can be performed automatically.' with a 'Merge pull request' button. To the right of the main content, there are sections for Labels, Milestones, Assignees, and Notifications.

<> Code ! Issues 0 **Pull requests 1** Wiki Pulse Graphs Settings

remove db functions #2

Open jorgegil wants to merge 1 commit into `master` from `reporting`

Conversation 0 Commits 1 Files changed 1

jorgegil commented 16 seconds ago Owner

No description provided.

remove db functions 689d5ee

Add more commits by pushing to the `reporting` branch on `jorgegil/GEO1005`.

This branch is up-to-date with the base branch
Merging can be performed automatically.

Merge pull request You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Labels
None yet

Milestones
No milestones

Assignees
No one assigned

Notifications
You're not subscribed to this pull request because...

- Delete the branch and make new ones,
- or continue working on it.

remove db functions #2

Merged jorgegil merged 1 commit into `master` from `reporting` just now

Conversation 0

Commits 1

Files changed 1



jorgegil commented 3 minutes ago

Owner



No description provided.



remove db functions

689d5ee



jorgegil merged commit 54e57e4 into `master` just now

Revert



Avoid bugs by automatically running your tests.

Continuous integration can help catch bugs by running your tests automatically.

Merge your code with confidence using one of our continuous integration providers.

[Learn more](#)



Pull request successfully merged and closed

You're all set—the `reporting` branch can be safely deleted.

[Delete branch](#)