

Setting up GitHub

GEO1005 (2017-18 Q2)

Spatial Decision Support for Planning and
Crisis Management

Jorge Gil and Sisi Zlatanova

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/>



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How people build software

Millions of developers use GitHub to build personal projects, support their businesses, and work together on open source technologies.



Pick a username

Your email address

.....

Use at least one letter, one numeral, and seven characters.

Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our **terms of service** and **privacy policy**. We'll occasionally send you account related emails.

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=VUaBfYCmJIs>

- <https://github.com/>



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Search GitHub

Pull requests Issues Gist



Jorge Gil
jorgegil

Add a bio

Netherlands
Joined on Sep 25, 2011

Organizations



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

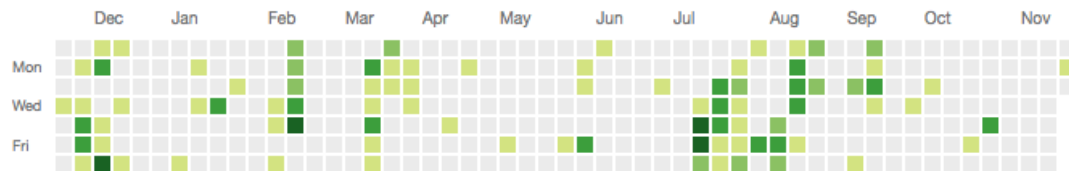
Urban Data Input Tool for QGIS

JavaScript

You can now pin up to 6 repositories.

252 contributions in the last year

Contribution settings



Learn how we count contributions.

Less More

<https://github.com/jorgegil/GEO1005>

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, with statistics: 1 Unwatch, 0 Stars, and 0 Forks. Below the repository name, there are tabs for `Code`, `Issues` (0), `Pull requests` (0), `Wiki`, `Pulse`, `Graphs`, and `Settings`. The main content area is titled "Material for the MSc Geomatics GEO1005 course project — Edit". It features a progress bar showing 3 commits, 1 branch, 0 releases, and 1 contributor. Below the progress bar, there are buttons for `Branch: master`, `New pull request`, `New file`, `Find file`, `HTTPS` (with a dropdown arrow), the repository URL `https://github.com/jorgegil/`, a clipboard icon, a download icon, and `Download ZIP`. A commit history table is displayed, showing the latest commit `dd34860` from `jorgegil` with the message "added data and reporting functions". The table lists the following files and their commit history:

File	Commit Message	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, the `README.md` file is shown. The title `GEO1005` is displayed in a large, bold font. The content of the README is "Material for the MSc Geomatics GEO1005 course project".

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-responsive-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?

Projects

None yet

Labels

None yet

Milestone

No milestone

Assignees

No one—assign yourself

1 participant



Notifications

🔊 Unsubscribe

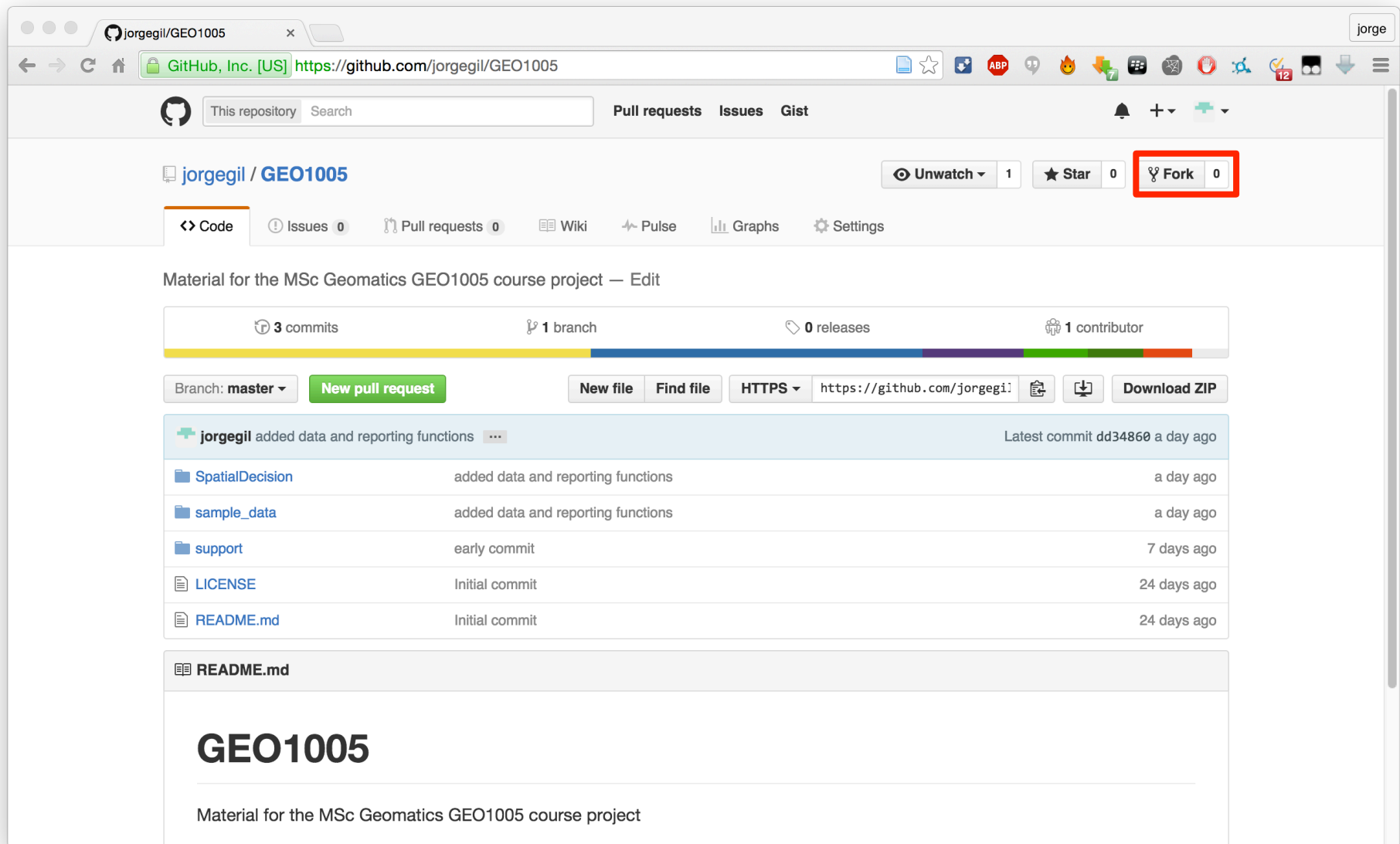
You're receiving notifications because you modified the open/close state.

🔒 Lock conversation



jorgegil closed this on Dec 19, 2015

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**



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. Below the repository name, there are buttons for `Unwatch` (1), `Star` (0), and `Fork` (0). The `Fork` button is highlighted with a red box. Below these buttons, 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 showing `3 commits`, `1 branch`, `0 releases`, and `1 contributor`. There are buttons for `New pull request`, `New file`, `Find file`, `HTTPS` (dropdown), `https://github.com/jorgegil/` (input field), `Download ZIP`, and `Download ZIP`. Below the progress bar, there is a list of files and their commit history:

File	Commit History	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 file list, there is a section for `README.md` with the title `GEO1005` and the description `Material for the MSc Geomatics GEO1005 course project`.

The screenshot shows the GitHub interface for the repository `jorgegil/GEO1005`. The browser address bar shows the URL `https://github.com/jorgegil/GEO1005`. The repository page includes a search bar, navigation links for Pull requests, Issues, and Gist, and a notification bell. The repository name `jorgegil / GEO1005` is displayed, along with statistics: 1 Unwatch, 0 Stars, and 0 Forks. The `Settings` tab is highlighted with a red box. Below the repository name, the description "Material for the MSc Geomatics GEO1005 course project — Edit" is shown. A progress bar indicates 3 commits, 1 branch, 0 releases, and 1 contributor. The `master` branch is selected, and a `New pull request` button is visible. The file list shows the following files and their commit history:

File	Commit History	Latest Commit
<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

The `README.md` file content is displayed below the file list:

GEO1005

Material for the MSc Geomatics GEO1005 course project

The screenshot shows the GitHub repository settings page for 'jorgegil / GEO1005'. The browser address bar shows the URL 'https://github.com/jorgegil/GEO1005/settings'. The repository name 'GEO1005' is displayed in the top right. The 'Options' sidebar on the left is highlighted with a red box. The 'Settings' section is highlighted with a red box, showing the 'Repository name' field with the value 'GEO1005' and a 'Rename' button. The 'Features' section is highlighted with a red box, showing the 'Restrict editing to collaborators only' option checked. The 'GitHub Pages' section is visible at the bottom.

Options

- Collaborators
- Branches
- Webhooks & services
- Deploy keys

Settings

Repository name

GEO1005 [Rename](#)

Features

- ☒ **Wikis**
GitHub Wikis is a simple way to let others contribute content. Any GitHub user can create and edit pages to use for documentation, examples, support, or anything you wish.
- ☒ **Restrict editing to collaborators only**
Public wikis will still be readable by everyone.
- ☒ **Issues**
GitHub Issues adds lightweight issue tracking tightly integrated with your repository. Add issues to milestones, label issues, and close & reference issues from commit messages.

GitHub Pages

Automatic page generator

Create a beautiful site for your project with our automatic [GitHub Pages](#) generator. Author your content in our Markdown

Collaborators

GitHub, Inc. [US] <https://github.com/jorgegil/GEO1005/settings/collaboration>

This repository Search

Pull requests Issues Gist

jorgegil / GEO1005

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Wiki Pulse Graphs Settings

Options

Collaborators

Branches

Webhooks & services

Deploy keys

Collaborators Push access to the repository

This repository doesn't have any collaborators yet. Use the form below to add a collaborator.

Search by username, full name or email address

Add collaborator

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This repository Search

[Pull requests](#) [Issues](#) [Gist](#)[jorgegil](#) / [GEO1005](#)[Unwatch](#) 1[★ Star](#) 0[🍴 Fork](#) 0[Code](#)[Issues](#) 0[Pull requests](#) 0[Wiki](#)[Pulse](#)[Graphs](#)[Settings](#)

SDSS Concept

[Edit](#)[New Page](#)

Jorge Gil edited this page 17 days ago · 3 revisions

Describe the objective of the SDSS with reference to the chosen scenario. List, describe and illustrate its main features, covering the different components of a SDSS:

- Data
- Analysis
- Visualisation
- Decision
- User Interaction
- Reporting

Pages 5

[Home](#)[Analysis component](#)[Data component](#)[SDSS Concept](#)[Visualisation component](#)[+ Add a custom sidebar](#)**Clone this wiki locally**<https://github.com/jorgegil>[Clone in Desktop](#)