# LAB 6 Plugin release

GEO1005 (2017-18 Q2)
Spatial Decision Support for Planning and Crisis Management

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- 1. Implement features as per spec
- Focus on Minimum Viable Product
   (MVP) (from a user perspective!)
- 3. Test, test, test, test, test....
- 4. Get support when needed (web, Jorge)
- 5. Release the plug-in

- Focus on MVP from a user perspective.
  - What the user doesn't see or know is not important!
  - If it's a GUI feature that makes the use case and concept stronger should be included, even if it doesn't do much.
- The GUI, the map and legend are very important and must look clear and polished.

- Have everything ready by Monday 15<sup>th</sup>
- Use the remaining time to test and release

**Deadline: 16th of January 2018 – 13:45** 

- Plugins won't be available in 'Plugins Manager' for download and installation
- Make a zip file of the plugin using pb\_tool, including the sample data, and create a release in GitHub
- Finish writing the Wiki including images (useful for seminar)

**Deadline: 16th of January 2018 – 13:45** 

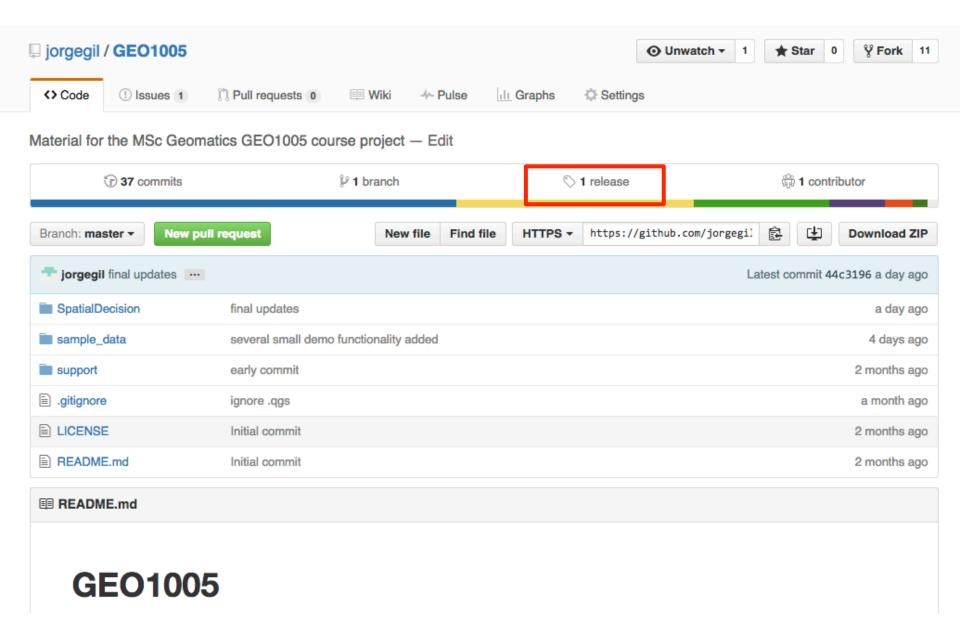
- Prepare the sample data in a folder with a QGIS project file
  - if less than 100MB make it a subfolder of the plugin, this can be loaded directly by the plugin
  - otherwise make a zip file of the sample data folder, and provide instructions on where to install it in the Wiki

- 2. Update the plugin definition (if you didn't start a plugin from scratch)
  - Open spatial\_decision.py and modify the strings
     'SDSS Template' with the name of your plugin
  - Open metadata.txt and modify name, description, author, keywords, etc.
  - Open pb\_tool.cfg and modify the name (this sets the folder name when deployed)

- 3. Use the pb\_tool to zip the plugin
  - This is a deployed version of the plugin ready to use by QGIS
  - It will be saved in the source code folder
  - Move the zip file to another location

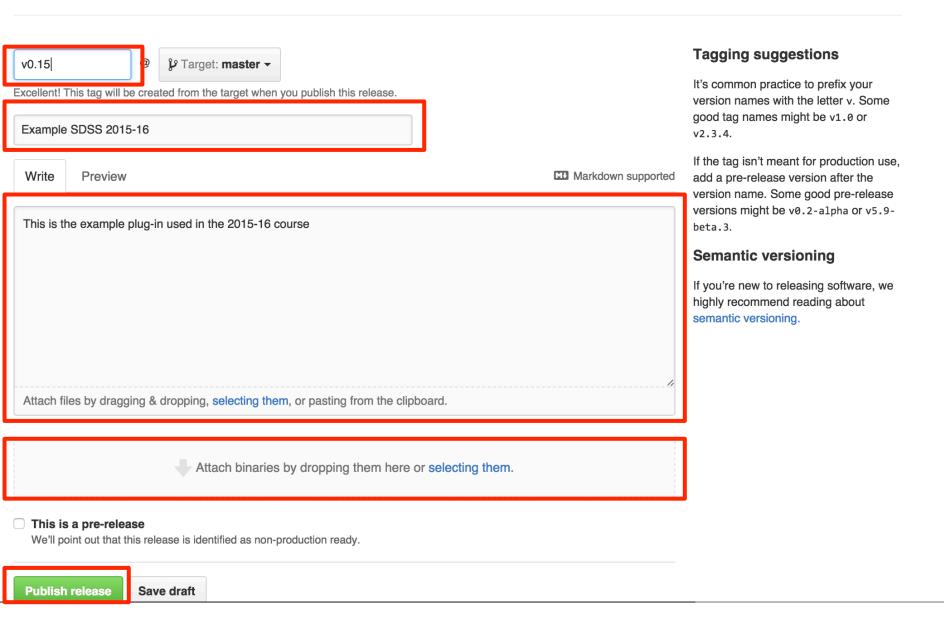
- Create a release in the GitHub repository (see following slides)
  - Add a short description for the release, e.g.
     'GEO1005 2017-18 Group x release'
  - Add a version number, i.e. v0.1
  - Attach the plugin zip file to the release
  - If necessary, attach the sample data zip file to the release
  - Publish!

#### Releasing the plug-in



Releases

Tags



The wiki will be used by others to understand your project and guide them in the review.

### Explain what the plugin does and how it's used:

- 1. A quick start (step by step) guide with any extra requirements;
- 2. The overall scenario and concept;
- 3. The selected use case and workflow;
- 4. The data input/output requirements;
- 5. The selected data analysis functions and parameters;
- 6. The data visualisation designs: maps and/or charts.

Week # 8

## 16th of January 2018: Lab 7

- Preparation for peer review (projects are assigned and review form provided)
- Discuss seminar schedule and presentation

## 19th of January 2018: Seminar

- Presentation of the SDSS projects
- Discussion with colleagues and tutors
- Submission of the peer review form