

LAB 6

Plugin release

GEO1005 (2017-18 Q2)

Spatial Decision Support for Planning and
Crisis Management

Jorge Gil & Sisi Zlatanova

1. Implement features as per spec
2. 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 15th
- 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

1. 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

4. 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!

Material for the MSc Geomatics GEO1005 course project — Edit

37 commits

1 branch

1 release

1 contributor

Branch: master

New pull request

New file

Find file

HTTPS

https://github.com/jorgegil

Download ZIP

jorgegil final updates		Latest commit 44c3196 a day ago
SpatialDecision	final updates	a day ago
sample_data	several small demo functionality added	4 days ago
support	early commit	2 months ago
.gitignore	ignore .qgs	a month ago
LICENSE	Initial commit	2 months ago
README.md	Initial commit	2 months ago

README.md

GEO1005

[Releases](#)[Tags](#)Target: **master** ▼

Excellent! This tag will be created from the target when you publish this release.

[Write](#)[Preview](#) Markdown supported

This is the example plug-in used in the 2015-16 course

Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.

↓ Attach binaries by dropping them here or [selecting them](#).

☐ **This is a pre-release**

We'll point out that this release is identified as non-production ready.

[Publish release](#)[Save draft](#)

Tagging suggestions

It's common practice to prefix your version names with the letter v. Some good tag names might be v1.0 or v2.3.4.

If the tag isn't meant for production use, add a pre-release version after the version name. Some good pre-release versions might be v0.2-alpha or v5.9-beta.3.

Semantic versioning

If you're new to releasing software, we highly recommend reading about [semantic versioning](#).

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.

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