

Let's share GIS much quicker



On behalf of Gisquick team Martin Landa and Jachym Cepicky
FOSS4G Europe 2017

Overview

- Idea
- Architecture
- Implementation
- Product
- Workflow
- Try it out!

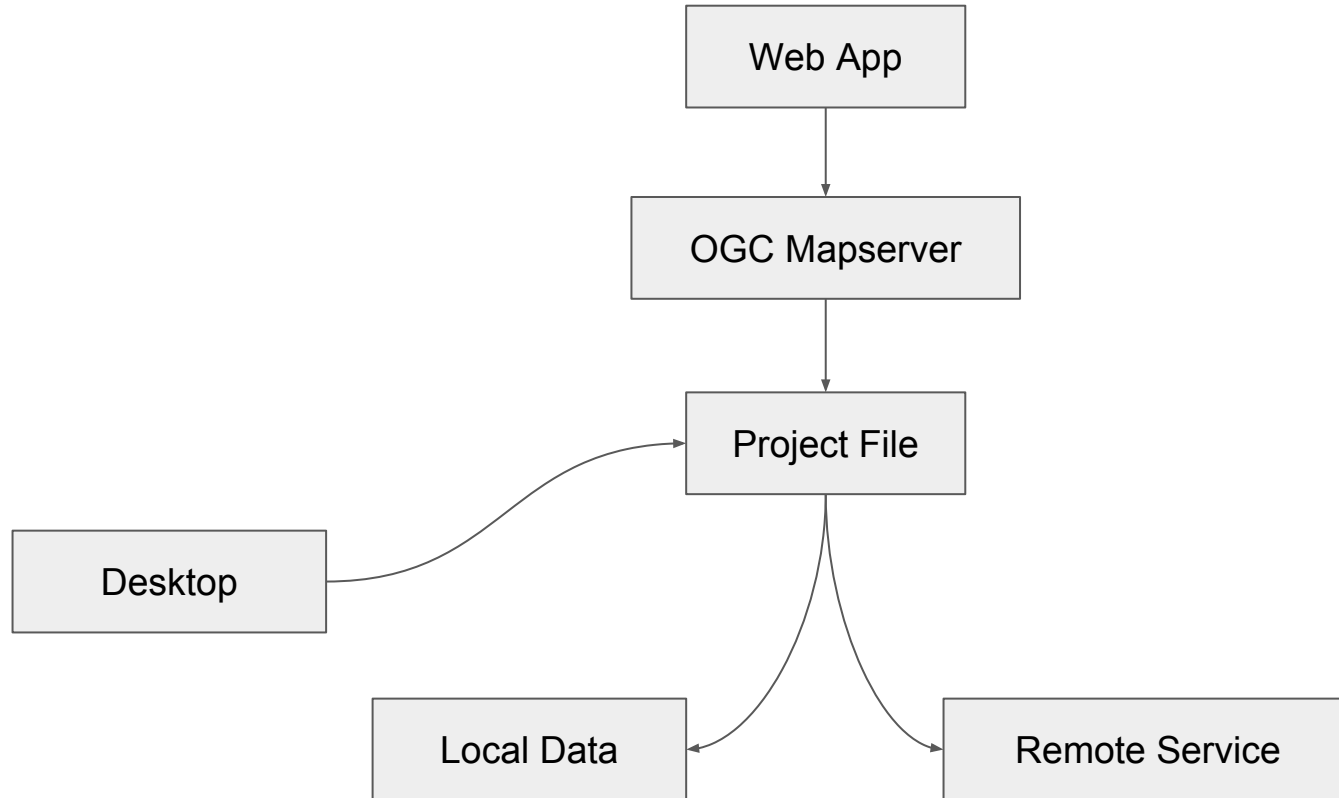
Idea

Idea

- Easy to use and deploy
- Accessible anywhere (browser, mobile)
- Good performance
- Extendable, customisable
- Rely on OGC standards
- Free and Open Source Software

Architecture

Architecture



Implementation

Technologies behind

- Python
- Django
- AngularJS
- OpenLayers
- QGIS Server
- QGIS Desktop
- Docker



django

QGIS



OpenLayers



docker

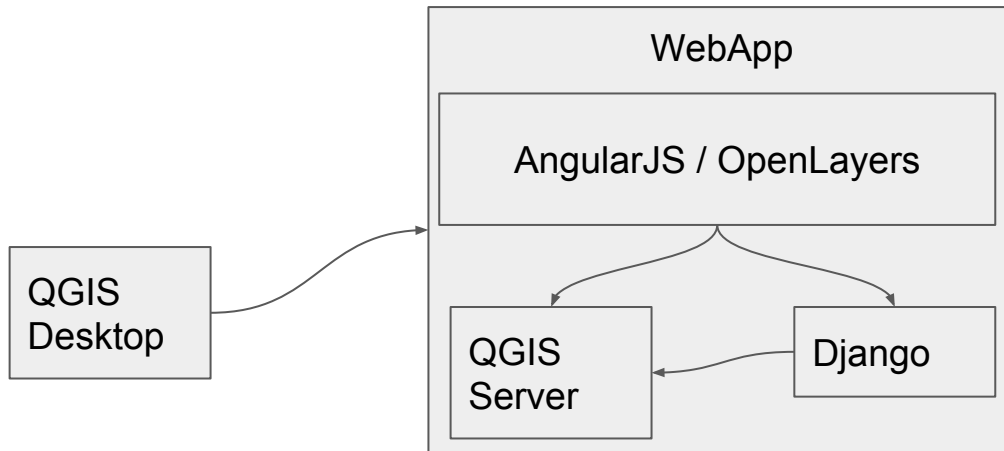
Implementation

Client

- AngularJS v1
- OpenLayers v3

Server

- QGIS Server
- Django



OGC OWS (WMS, WMTS and WFS) in between

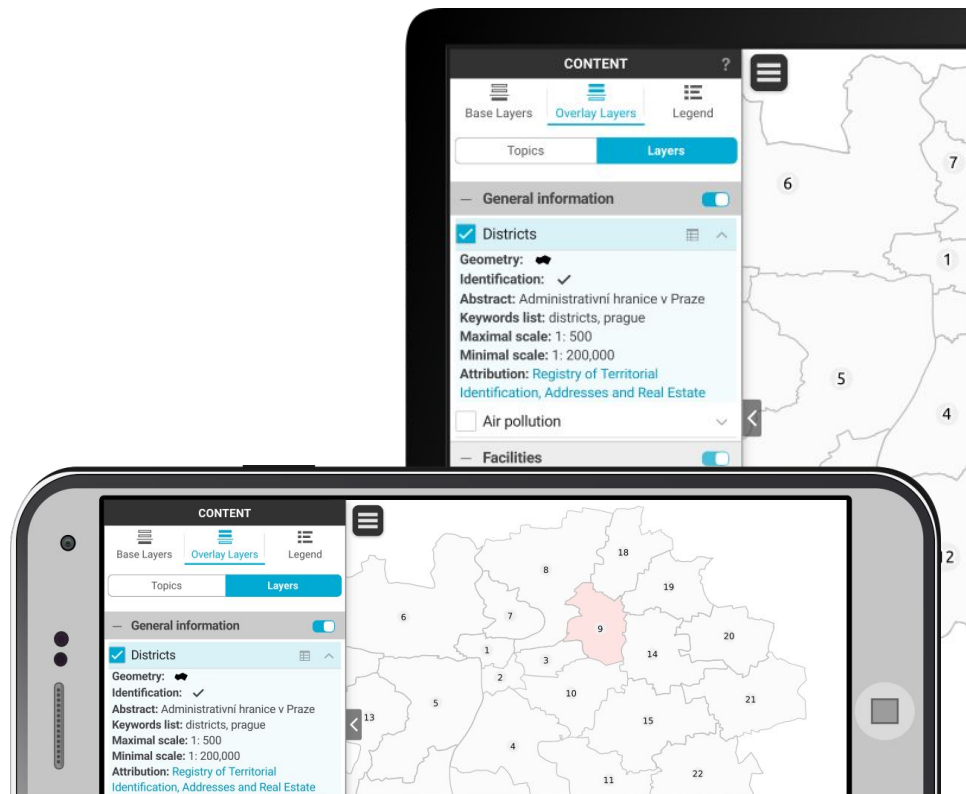
Product



- Geospatial data publishing platform - “web map”
- GNU GPL
- QGIS friendly

Consists of

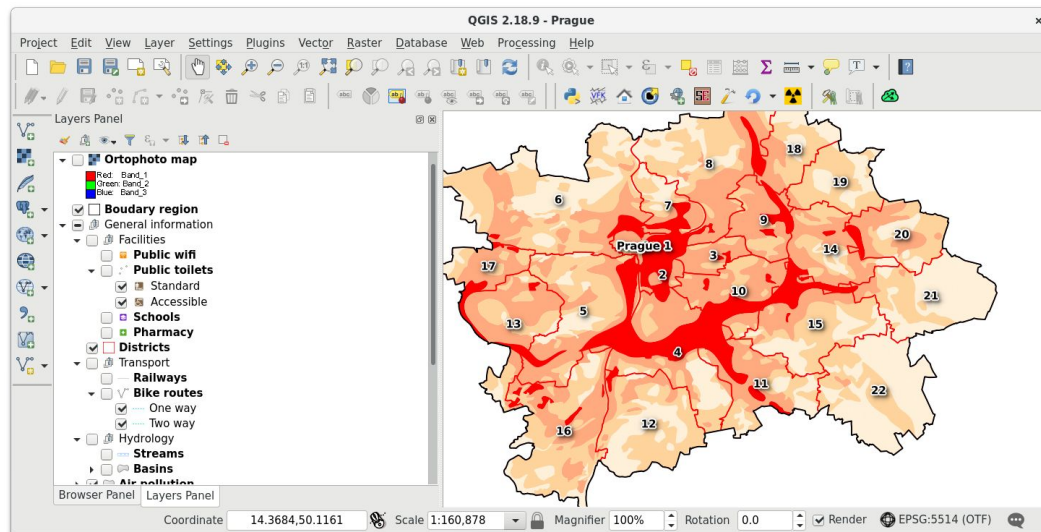
- QGIS Plugin
- Web app
- Mobile hybrid app



Workflow

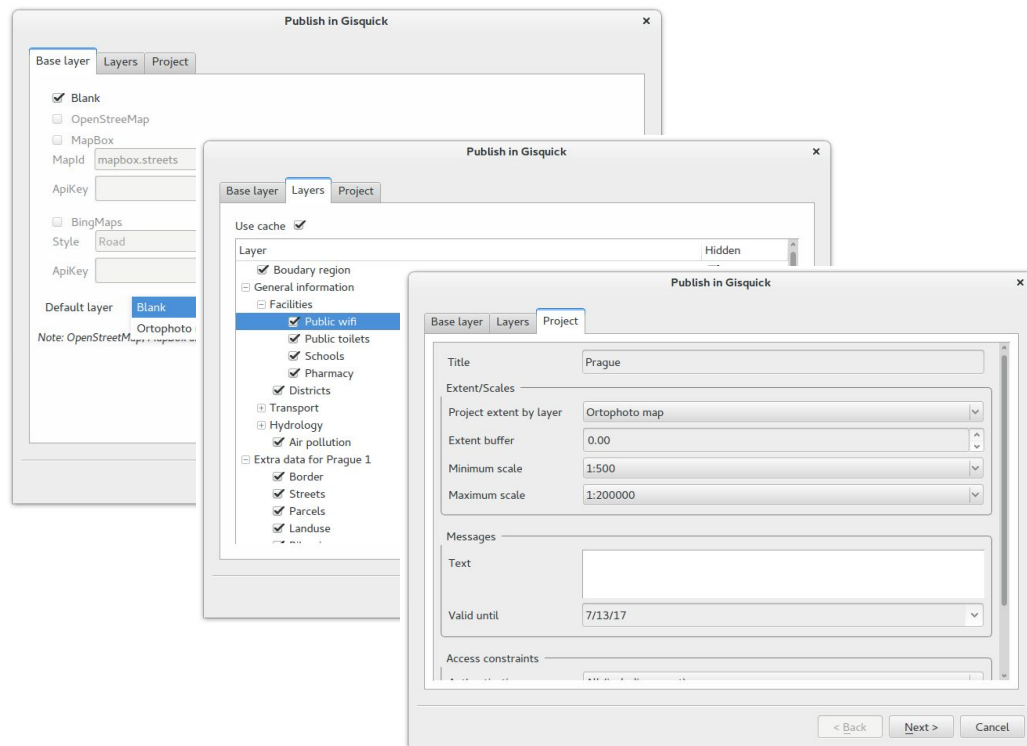
Workflow

1. Prepare your QGIS project



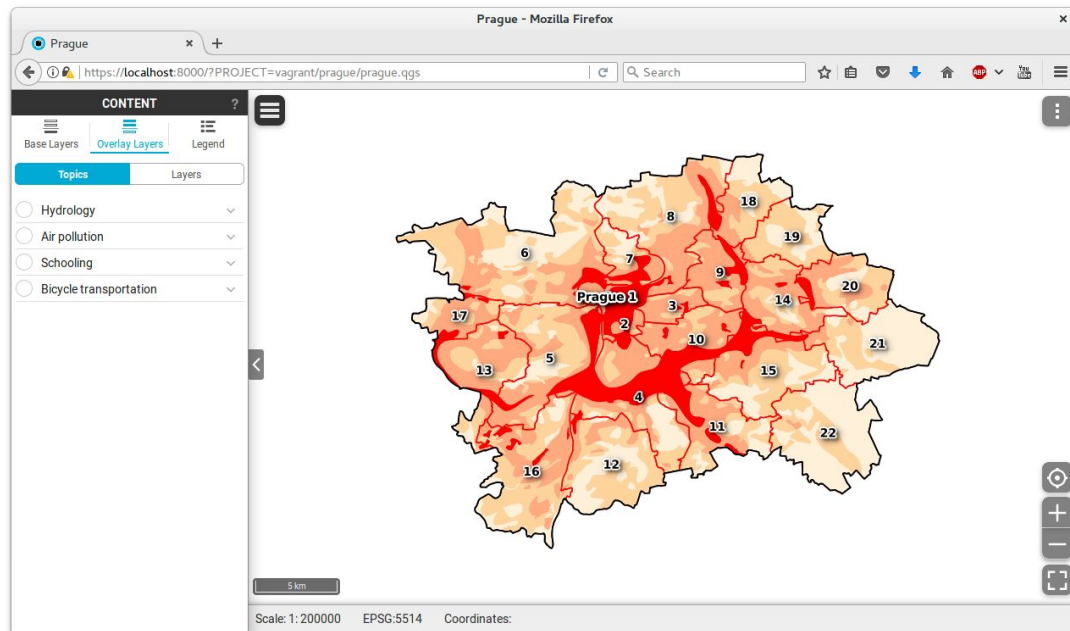
Workflow

2. Publish using Gisquick plugin



Workflow

3. Enjoy Gisquick Web/Mobile app

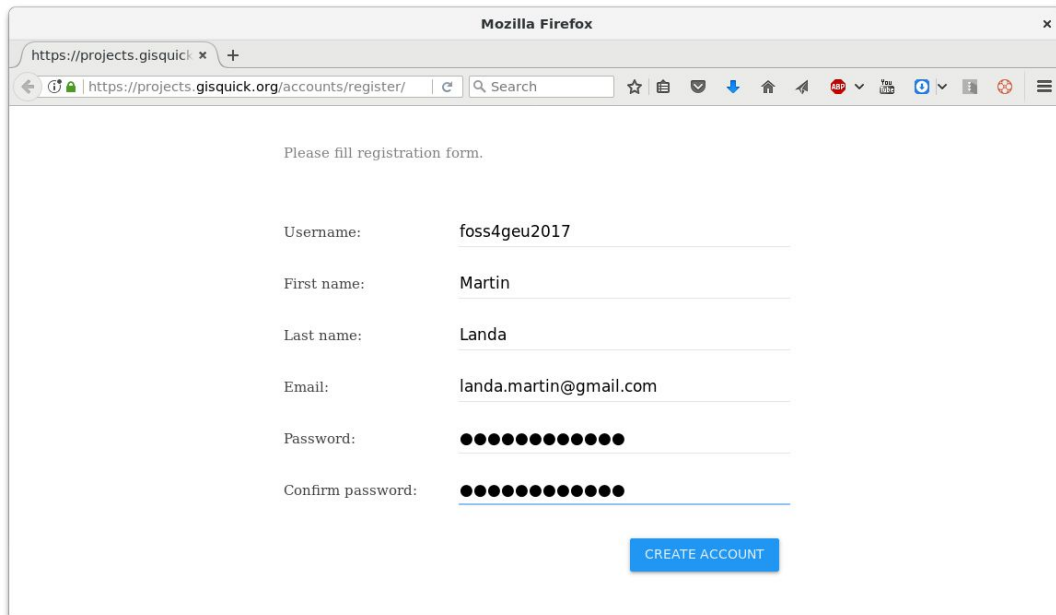


Try it out!

Try it out! How to...

1. Create an account

<https://projects.gisquick.org/accounts/register/>



Mozilla Firefox

https://projects.gisquick.org/accounts/register/

Please fill registration form.

Username: foss4geu2017

First name: Martin

Last name: Landa

Email: landa.martin@gmail.com

Password: ●●●●●●●●●●

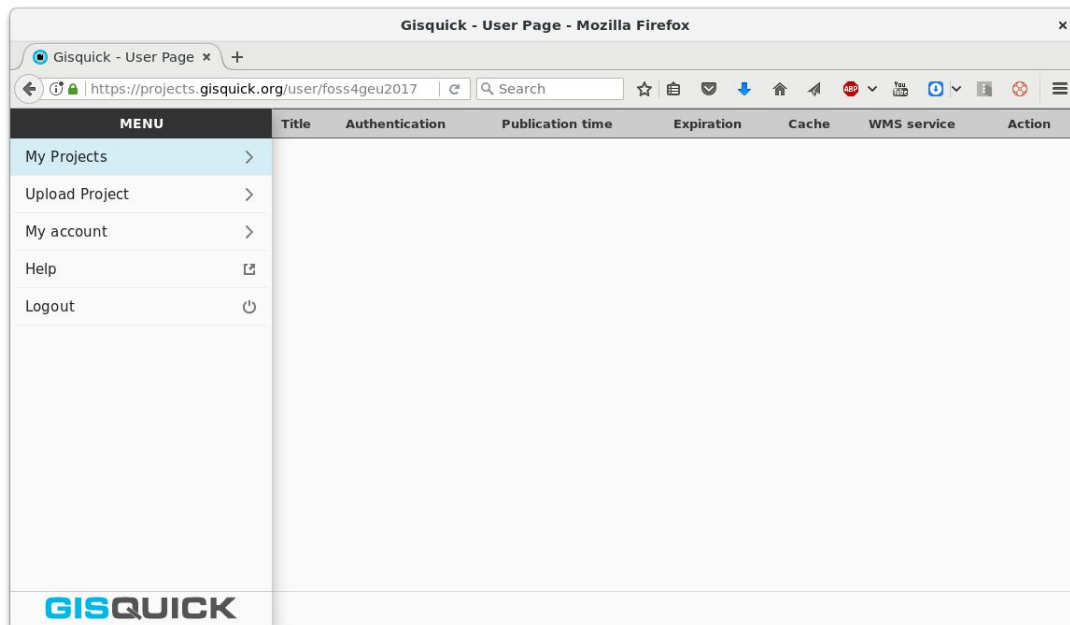
Confirm password: ●●●●●●●●●●

CREATE ACCOUNT

Try it out! How to...

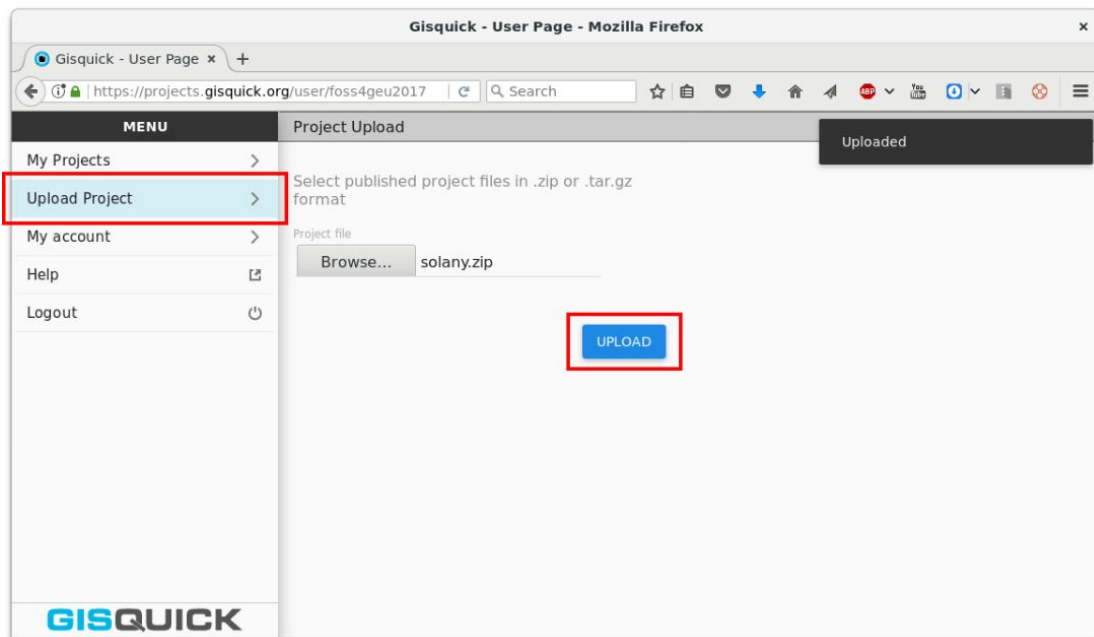
2. Log in

<https://projects.gisquick.org/user/<user-name>>



Try it out! How to...

3. Choose **Upload project** and upload zipped project directory published using Gisquick QGIS plugin



Try it out! How to...

4. Go to **My Projects** and enjoy!

The image displays two screenshots of the Gisquick web application interface.

Left Screenshot: User Page
The browser window is titled "Gisquick - User Page - Mozilla Firefox". The address bar shows "https://projects.gisquick.org/user/foss4geu2017". The left sidebar contains a "MENU" with the following items: "My Projects" (highlighted with a red box), "Upload Project", "My account", "Help", and "Logout". The main content area shows a table with the following data:

MENU	Title	Authentication
My Projects	Solany Sample FOSS4G Europe Project	all

The bottom of the page features the "GISQUICK" logo.

Right Screenshot: Solany Sample FOSS4G Europe Project
The browser window is titled "Solany Sample FOSS4G Europe Project - Mozilla Firefox". The address bar shows "https://projects.gisquick.org/?PROJECT=foss4ge". The interface includes a "CONTENT" sidebar with tabs for "Base Layers", "Overlay Layers" (selected), and "Legend". Under "Overlay Layers", there are two radio buttons: "Katastr" (selected) and "Adm. hranice". The main area displays a map of a residential area with various land parcels outlined in yellow and labeled with numbers (e.g., 816/2, 816/3, 816/4, 816/5, 816/6, 816/7, 816/8, 816/9, 816/10, 816/11, 816/12, 816/13, 816/14, 816/15, 816/16, 816/17, 816/18, 816/19, 816/20, 816/21, 816/22, 816/23, 816/24, 816/25, 816/26, 816/27, 816/28, 816/29, 816/30, 816/31, 816/32, 816/33, 816/34, 816/35, 816/36, 816/37, 816/38, 816/39, 816/40, 816/41, 816/42, 816/43, 816/44, 816/45, 816/46, 816/47, 816/48, 816/49, 816/50, 816/51, 816/52, 816/53, 816/54, 816/55, 816/56, 816/57, 816/58, 816/59, 816/60, 816/61, 816/62, 816/63, 816/64, 816/65, 816/66, 816/67, 816/68, 816/69, 816/70, 816/71, 816/72, 816/73, 816/74, 816/75, 816/76, 816/77, 816/78, 816/79, 816/80, 816/81, 816/82, 816/83, 816/84, 816/85, 816/86, 816/87, 816/88, 816/89, 816/90, 816/91, 816/92, 816/93, 816/94, 816/95, 816/96, 816/97, 816/98, 816/99, 816/100). A scale bar at the bottom indicates "Scale: 1: 1000 EPSG:5514 Coordinates:". The bottom right corner of the map shows a scale bar and coordinates.

Links

Website

<http://gisquick.org>

Documentation

<http://gisquick.readthedocs.io>

Live demos

<https://projects.gisquick.org>

info@gisquick.org