

GeoMapFish User-Group



2023, May the 4th
BE WITH YOU

A small black silhouette of Yoda holding a green lightsaber, positioned to the right of the text.

Agenda

1. General Information
2. GeoMapFish 2.7 LTS (Snook)
3. GeoMapFish 2.8 (Amberjack)
4. Pause
5. Future of GMF
6. Next steps
7. Closing



General Information





Contact Email
contact@geomapfish.org

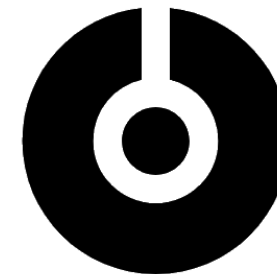
User-Group Email
geomapfish-users@googlegroups.com



Website
<https://geomapfish.org>



Feature Requests
<https://github.com/camptocamp/GeoMapFish>



Getting Started
https://github.com/geomapfish/getting_started



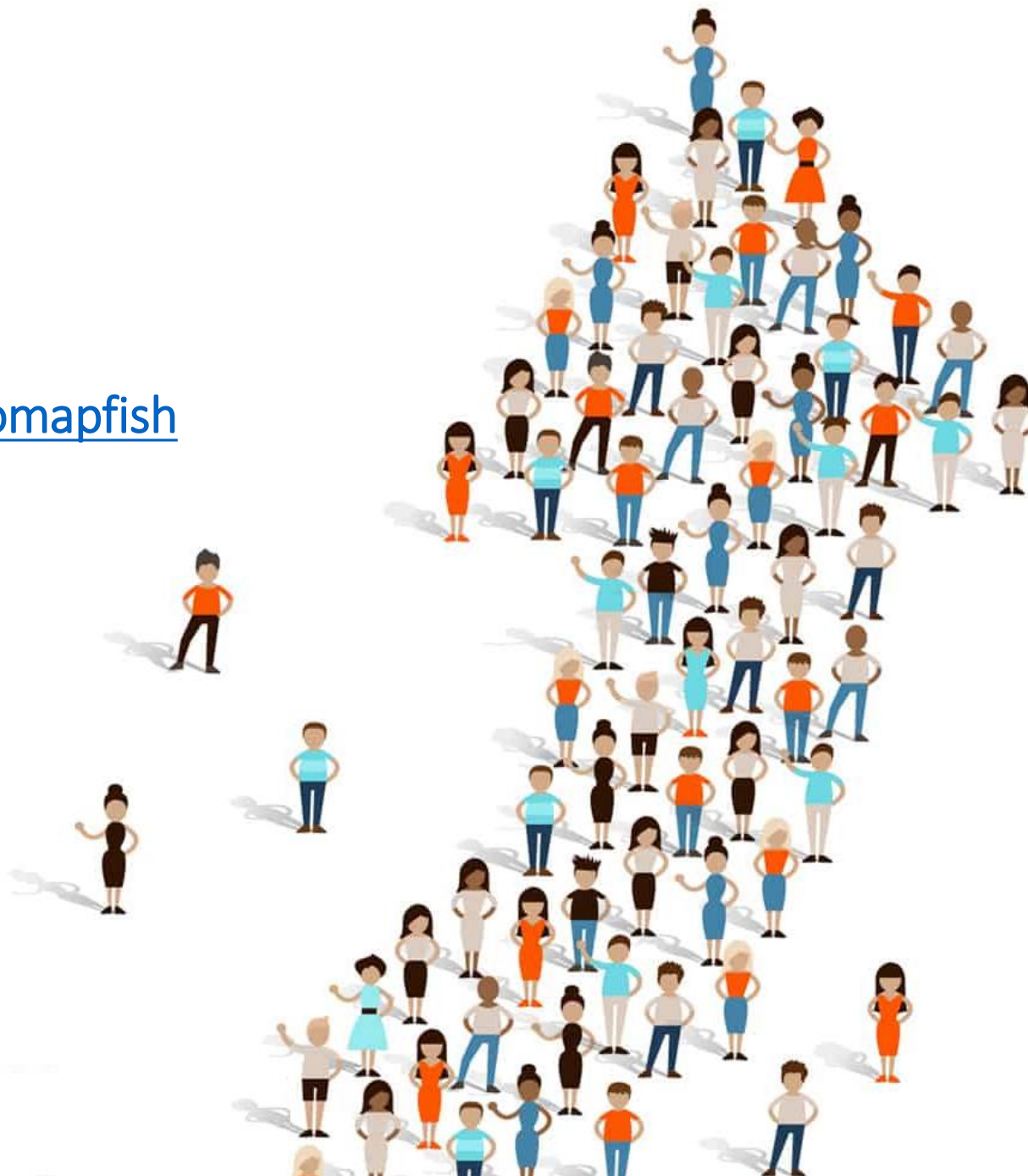
LinkedIn

<https://www.linkedin.com/company/geomapfish>



Twitter

<https://twitter.com/geomapfish>



GeoMapFish 2.7 LTS



GeoMapFish



Snook^{2.7}

- Stable LTS Version
- Support was extended until **June 2026**
(4 years support)

GeoMapFish 2.8



GeoMapFish



Amberjack^{2.8}

- Backend-focused Version
- Provisional release date: **May 31, 2023**
- Supported until June 2024

DEMO

<https://geomapfish-demo-2-8.camptocamp.com>



INNOVATIVE SOLUTIONS
BY OPEN SOURCE EXPERTS



Pause



Future of GeoMapFish



Situation Reminder

The developments for the removal of AngularJS were postponed because of:

- the lack of visibility on the continuation of the project and its organization
- the high costs to be foreseen in relation to the funding available each year
- future developments to be expected after the migration

The backend of the application:

- is stable and works great
- should not be replaced



We are ready

What has been done since the last time:

- The PSC has been working with Camptocamp on different solutions
- The best migration scenarios have been evaluated
- Further tests have been done and a new prototype has been made

→ We are now **ready** to set the **right direction** for GeoMapFish

***Ready
Study
Go!***



Alternatives to
be considered

Alternative 1 : Simple migration

- We continue to use the GeoMapFish project in its current form, with all its advantages and disadvantages
- A considerable initial investment in the project has to be planned to make the necessary technology change (replacing AngularJS). (800'000 CHF)
- An additional budget must be planned to support new GIS standards such as vector tiles or OGC API.
- All developments will be done by Camptocamp.



Alternative 2 : Existing frontend

We replace the frontend of GeoMapFish (ngeo) with another, already existing frontend.

The candidates are:



<https://map.geoportail.lu>



<https://qwc2.sourcepole.ch>

<https://geo.so.ch>

<https://map.geo.gl.ch>



<https://sys-map.int.bgdi.ch>



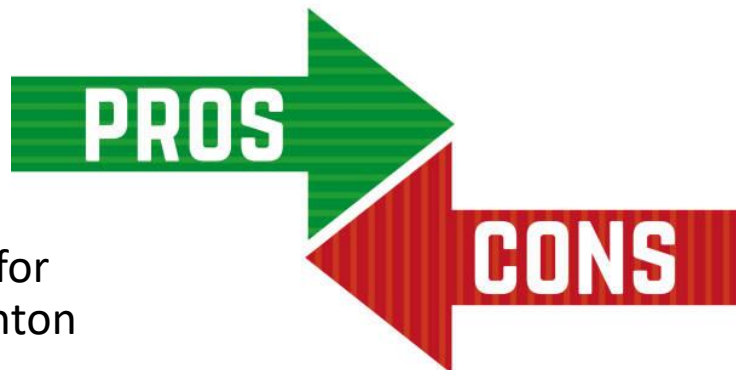
Alternative 2.1 : Frontend Luxembourg



- Large financial investments have recently been made by Luxembourg, which partly cover the migration costs of GMF.
- Is compatible with the current backend.

- The interface is very different from what we know today.
- Some features appreciated in GeoMapFish are missing.
- The project is today entirely managed by Luxembourg, and cooperating on it is not necessarily given or simple.

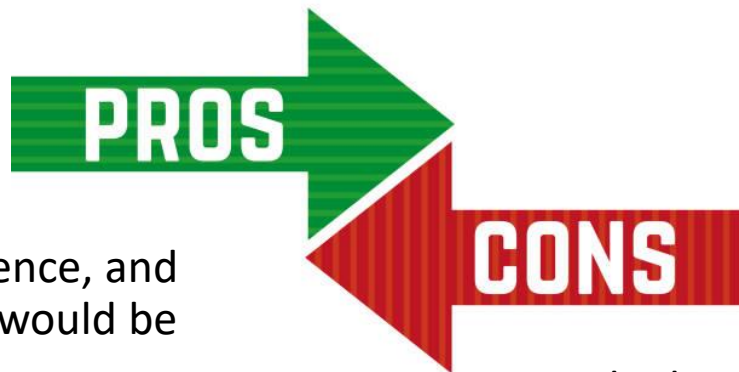
Alternative 2.2 : Frontend QGis-WebClient



- New partners could be found, for example canton Glarus and canton Solothurn use this frontend.
- We could integrate a new community

- The backend is not compatible today, and it is by no means certain that it can be made compatible and kept unchanged.
- The interface is very different from what we know today.
- Some features appreciated in GeoMapFish are missing.
- Was primarily designed for compatibility with QGis Server. Compatibility with our existing services (especially MapServer) is not a given.
- We have to integrate a new community.

Alternative 2.3 : Frontend Swisstopo



- Swisstopo is the national reference, and we would have a WebGIS that would be similar to the national WebGIS.

- The backend is not compatible today, and it is by no means certain that it can be made compatible and kept unchanged.
- The interface is very different from what we know today.
- Some features appreciated in GeoMapFish are missing.

Alternative 3 : New community Frontend

- We replace the frontend of GeoMapFish (ngeo) with another frontend that we develop from scratch.
- This frontend will be managed by the GeoMapFish community, independently.
- The community can take the right decisions, evaluate technologies, choose the desired modular architecture, limit dependencies, and also do some developments itself.
- The complex developments can be externalized to Camptocamp or any another company.
- Quick launch of the developments in Summer 2023 (code sprint)
- Initial investment is comparable to the first alternative, but the result is an simpler open-source solution with more contributors and with the support of new GIS-Standards.



Alternative 3 : New community Frontend



- The backend remains unchanged.
- We gain independence, can take decisions, and can make contributions in the code ourselves.
- We can be more specific to our needs.
- Technology is simpler, accessible, with few dependencies.
- Possibility to find other partners in addition to Camptocamp.

- We need to invest some time in managing the frontend and its community.
- It requires a greater user involvement than is currently the case.
- Maybe not all the details can be reimplemented in the very first version

DEMO

<https://geogirafe.paloo.fr>



Basel⁺

ne.ch

CARTO⁺la côte
LE GEOPORTAIL DE
NOTRE REGION



camp
to camp⁺
INNOVATIVE SOLUTIONS
BY OPEN SOURCE EXPERTS

CARTO
RIVIERA

MAPNV
GEOPORTAIL DU NORD VAUDOIS



Next steps



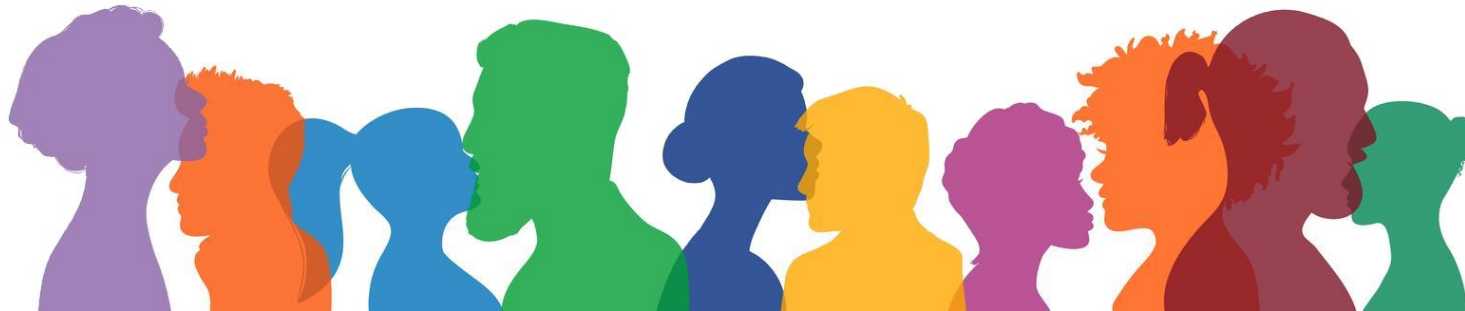
It's nearly time to decide

Test the alternatives, discuss them, ask us questions, because in 3 weeks, it will be time to make a decision.

So tell us:

- If you agree with the proposals of the PSC
- If you think that one of the alternatives is really the right one
- If you are ready to invest a little more time in GeoMapFish
- If you are ready to fund the future GeoMapFish

**Next
User-Group:**



Closing





