Summary of the GeoMapFish User-Group - 18.11.2021

Summary

1. General information

- 3 new participants to the User-Group :
    - Liechtenstein
    - Metron
    - Grand-Châtellerault.
  Welcome / Bienvenue / Willkommen ! ☺

- Contact Email: conrtact@geomapfish.org. Can be used for any question about the GMF project, inside and outside the User-Group.

- User-Group Email: geomapfish-users@googlegroups.com. Can be used by all members of the User-Group to communicate with other members of the User-Group.

- Feature Requests: https://github.com/camptocamp/GeoMapFish.

- GeoMapFish Website: https://geomapfish.org.

- Getting-Started with GeoMapFish: https://github.com/geomapfish/getting_started

2. Status of GMF 2.7

2.1.   Current situation

The Proof of concept is almost done. The migration from AngularJs to Web-Components has been validated by both C2C and the PSC. The results of the PoC is very positive. We can continue on the chosen path.

Funding for the "first web component" is still missing.

⇨ Update 22/11/2021: Funding has been closed thanks to Cartoriviera, Pully, Cartolacôte and the SITN. Thanks! ☺

Regarding new features, the Support of WFS-3 was a necessary improvement that could be integrated to this version, and a first integration of vector tiles has been done thanks to an NSDI funding from the Federal Spatial Data Infrastructure.

The release date for GMF 2.7 LTS is still planned for Q2 2022.

One small change has been made to the roadmap: The migration workshops won't take in place in phase 3, but rather in phase 4, because offering workshops before the 2.7 version is released and before the user have planned their migrations is not really interesting.

2.2.   Proof of Concept

The Proof of Concept has been validated at 90% by the PSC members.

- The chosen technologies are solid and durable. We can work with them during the next years without thinking about replacing them.

- The big AngularJS framework has been replaced by several smaller libraries, which allows reducing the impact if one of the libraries becomes obsolete and should be replaced.

- The old AngularJS technology and the new Web-Component technology work and can communicate together.

- The demo application 2.7 is accessible and works.

- Translation files remain unchanged.

The following still needs to be validated:

- Migration of an "external" component (not included in the core of GMF)

- Changes in the build mechanism.

On risk has been identified: In order to facilitate the creation of Web-Components, the "Lit" library has been chosen. It's a good library and a long term choice, but this creates a strong dependency because this library will be quite central to the project.

⇨ Should we study the cost of a replacement of this library, in order to better plan a possible replacement over time if it is needed? (this is still an open question).

2.3.   Migrations

GMF version 2.7 with be an LTS Release. The following migration are supported and documented:

- Migration from 2.4 LTS to 2.7 LTS
- Migration from 2.6 to 2.7 LTS.

Migration from 2.5 to 2.7 LTS is not supported and it has to go through the version 2.6.

2.4.   Integration tests

As for each release, the same people will take care of these integration tests: Daniel (Cartoriviera) and Stéphane (Neuchâtel). They spend a lot of time and energy on these tests and it allow all users to have new versions of Geomapfish that are stable and that contains a minimum amount of bugs.

During a previous user group, the idea of supporting these tests with a small financial contribution has been validated. With this money, about 3 days of support hours will be purchased, which will be used for these integration tests.

The amount has been fixed at 350 CHF per member. This will be introduced in early 2022. Participation is not mandatory, but would be highly appreciated.

2.5.   Demo

CampToCamp presented the following points:

- Proof of Concept (status + results)
  - Success : good architecture and choice of libraries
  - Used Libraries : Lit, RxJS, i18next
  - Examples : Storybook + Chromatic → https://camptocamp.github.io/ngeo/master/storybook/
  - Report : https://github.com/camptocamp/ngeo/wiki/POC-Report:-WebComponents
- Admin documentation & Changelog
- Simple Application
- Vector-Tiles
  - https://geomapfish-demo-2-7.camptocamp.com/theme/Demo?lang=en&baselayer_ref=osm_landuse&map_x=2554514&map_y=1146381&map_zoom=6
- MS Azure support

3. Tour de table

Questions:

- What version of GMF are you currently using?
- What is your migration strategy for 2022?
- Do you have a small budget left to possibly finance one last point of the version 2.7?
- Next User-Group will likely be hybrid. Do you prefer to participate IRL or virtually?

Answers, in the speaking order:

Pully:

- Currently using GeoMapFish version: **2.5**
- Strategy for 2022: **migration to 2.6**
- Budget left for 2021: **none**
- Next User-Group: **rather face-to-face**

Metron:

- Currently using GeoMapFish version: **2.5**
- Strategy for 2022: **no migration. Currently building content on the current version.**
- Budget left for 2021: **none**
- Next User-Group: **rather online**

Rudaz:

- Currently using GeoMapFish version: **2.4 (non docker), about 130 instances**
- Strategy for 2022: **nothing planned at the moment. Waiting for a solution to manage so many instances easily.**
- Budget left for 2021: **none**
- Next User-Group: **rather face-to-face**

Lausanne:

- Currently using GeoMapFish version: **2.5**
- Strategy for 2022: **perhaps migrating to 2.6**
- Budget left for 2021: **none**
- Next User-Group: **rather online**

Vevey:

- Currently using GeoMapFish version: **2.6**
- Strategy for 2022: **migration to 2.7**
- Budget left for 2021: **none**
- Next User-Group: **hybrid is fine**

Geocommunes:

- Currently using GeoMapFish version: **2.4. Migration to 2.6 in progress.**
- Strategy for 2022: **Migrate all existing geoportals to 2.6**
- Budget left for 2021: **none**
- Next User-Group: **hybrid is fine**

Morges:

- Currently using GeoMapFish version: **2.5. Migration to 2.6 in progress.**
- Strategy for 2022: **nothing planned yet.**
- Budget left for 2021: **none**
- Next User-Group: **hybrid is fine**

Neuchâtel:

- Currently using GeoMapFish version: **2.6**
- Strategy for 2022: **migration to 2.7**
- Budget left for 2021: **perhaps**
- Next User-Group: **hybrid is fine**

Yverdon:

- Currently using GeoMapFish version: **2.6**
- Strategy for 2022: **nothing planned yet**
- Budget left for 2021: **none**
- Next User-Group: **hybrid is fine.**

Jura:

- Currently using GeoMapFish version: **2.5**
- Strategy for 2022: **migration to 2.6**
- Budget left for 2021: **none**
- Next User-Group: **rather online**

Nyon:

- Currently using GeoMapFish version: **2.5**
- Strategy for 2022: **migration to 2.6**
- Budget left for 2021: **maybe**
- Next User-Group: **rather face-to-face**

Basel-Land:

- Currently using GeoMapFish version: **1.6**
- Strategy for 2022: **focussing on others themes at the moment (automation of the data import). A new solution for a viewer will be analyzed and chosen later.**
- Budget left for 2021: **none**
- Next User-Group: **rather face-to-face**

Tessin:

- Currently using GeoMapFish version: **2.6**
- Strategy for 2022: **migration to 2.7**
- Budget left for 2021: **none**
- Next User-Group: **hybrid is fine.**

Liechtenstein:

- Currently using GeoMapFish version: **2.6**
- Strategy for 2022: **nothing planned yet**
- Budget left for 2021: **yes**
- Next User-Group: **hybrid is fine.**

Grand-Châtellerault:

- Currently using GeoMapFish version: **2.5**
- Strategy for 2022: **perhaps migrating to 2.6**
- Budget left for 2021: **none**
- Next User-Group: **rather online.**

Basel-Stadt:

- Currently using GeoMapFish version: **2.4**
- Strategy for 2022: **migration to 2.7**
- Budget left for 2021: **yes**
- Next User-Group: **hybrid is fine.**

4. Chat

Here are some comments / links that were posted in the chat:

Rémi Bovard
https://geomapfish-demo-2-7.camptocamp.com/
https://github.com/camptocamp/ngeo/wiki/POC-Report:-WebComponents
https://camptocamp.github.io/ngeo/master/storybook/
https://geomapfish-demo-2-7.camptocamp.com/s/t0cE

A. Poncet-Montanges
Is the "LiDaR version" of the profile tool targetted too?

Malta E Sousa Stéphane
A. Poncet-Montanges (Pully) (Invité) All the other plugins will one day or another be migrated to web components but LiDAR profile is not in the top priorities. It is important to note that nothing urges in migrating the existing plugins, they all will work with the hybrid AngularJS - Lit build.

A. Poncet-Montanges
AS a general comment, I would prefer a less technical and more community / strategic meeting ;) - developments, shared experiences, demonstrations.

Olivier Monod
On doit pouvoir organiser une session hybride à Yverdon

A. Poncet-Montanges
https://georomandie.com/

Gérard Sollberger
https://geocity.ch/

Olivier Monod
https://demo.geocity.ch

A. Poncet-Montanges
A Pully nous avons financé en collaboration avec Yverdon la double authentification via DUO notamment. DUO activé depuis 1 mois.
A Pully on avait pas encore de saisie mobile jusque là, on a bypassé les IP des tablettes pompiers ;)
DUO permet le code SMS mais la tarification reste par utilisateur
A Pully le Télétravail est un "avantage" et en effet les abonnements téléphones à prix préférentiels ont également fait passer la chose plus facilement
Les récents piratages des communautés suisses ont été un bon accélérateur
(de manière générale autour de la sécurité)
C'est en lien avec la RGPD (protection des données personnelles notamment)

stephane.brunner
https://www.ghacks.net/2019/09/12/winotp-authenticator-open-source-alternative-for-winauth/

Christophe Imbach
Y a-t-il de la doc pour réaliser soi-même la migration 2.5 à 2.6?

stephane.brunner
https://camptocamp.github.io/c2cgeoportal/2.6/integrator/upgrade_application.html

Rémi Bovard
Présentations de la dernière séance https://geomapfish.org/fr/meeting_minutes/2021-06-08

A. Poncet-Montanges
On vous invite à venir découvrir le soutien au projets open source pour la gestion des infrastructures publiques lors de géoromandie 2021! https://www.teksi.ch

The user-group was closed at 16:00 p.m.
The date for the next user-group has not yet been set.