



INNOVATIVE SOLUTIONS
BY OPEN SOURCE EXPERTS

GeoMapFish User Group

Version 2.8 and Migration to 3.0

04.05.2023

Agenda

- Version 2.8
 - Features
 - Demo
- Migration to 3.0
 - Strategies
 - Funding

Version 2.8

Overview

- 8 new features
- Ready for web components since 2.7
- No new web component ordered for 2.8
- Last tests ongoing

- #43 Use main_ogc_server in WMS URL
- #46 [Mobile] prompt connexion panel when secured layers are listed in permalink
- #54 Investigate tiles loading performance
- #60 Be able to use the username in the print output
- #66 FTS improvement
- #75 Disabled user should not be able to stay connected
- #77 Add simple history for changes made in admin tool
- #81 PKCE Support for oAuth

Demo

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

Migration to 3.0

→ Web components progressive migration

■ +

- All features available anytime during migration
- Possible to add features during migration
- Reduced tunnel effect, less risk
- Proven technical concept
- Compatible with existing backend

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- Period of cohabitation with different technologies
- Extra workload

→ Frontend rewrite

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- All up-to-date technologies (if done in 12 months)
- Use latest experience to rethink architecture
- Simplify to encourage contributions

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- Less features at first
- Period of cohabitation between two GeoMapFish versions, possible dilution of funding
- Potential migration workload
- High involvement required for specifications

→ Mixed strategy

- Rewrite + possibility to use new components with old ones
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 - Same as rewrite
 - Possible to use old and new components in same application
 - Proven strategy (Luxembourg project)
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 - Extra workload
 - High involvement required for specifications

- Option included in the analysis
 - User of another project
 - Complexity of the collaboration
 - Imposed ergonomics
 - Incompatibilities with backend

→ Migration estimates

- Web components migration: 600 days
- Frontend rewrite not much less

→ Together we can do it!

- Crowdfunding campaign
 - Goals triggering the work, depending on the chosen strategy
- Simulation
 - 27 partners participating in the funding
 - CHF 750'000 over 3 years
 - Project duration: 18 months 2023 Q4 - 2024 - 2025 Q1
 - 5'000 to 30'000 per year, depending on the partner size

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