

GeoMapFish User Group

November 23, 2020

camptocamp

INNOVATIVE SOLUTIONS
BY OPEN SOURCE EXPERTS

Agenda

- 2.6
 - Status
 - Demo
- Vector Tiles
- Next Generation of Viewer
- Maintenance



2.6 Status

- Main part of development done
- Yet to be finished
 - [2.6.1] Redlining arrows
 - [2.6.22] Editing dropdown lists sorting
 - [2.6.46] Click tolerance per layer
 - [2.6.56] Mapillary integration
- To be discussed
 - [2.6.29] PDF legend improvements
- Planning
 - Development → Beginning of 2021
 - Integration phase: February ?
 - 2.6.0: March



2.6 Demo (1/2)

- [2.6.10] CSV export in query window
- [2.6.20] Editing client-side type validation
- [2.6.24] Server logout message
- [2.6.25] Shortlink with time layer information
- [2.6.26] Search keywords for layers
- [2.6.27] Full-text documentation
- [2.6.31] Snapping for measures/drawing



2.6 Demo (2/2)

- [2.6.32] Resizable right panel
- [2.6.34] Legend of imported WMS layers
- [2.6.35] External WMS GetFeatureInfo
- [2.6.47] External layers drag-drop file
- [2.6.53] Scale limit on WMTS query
- [2.6.54] Editing overlapping geometries
- [2.6.57] Auto-activation of geolocation on mobile



Vector Tiles

- NGDI Projects
 - Two projects
 - Vector Tiles support in GeoMapFish: basic features, solution for PDF and ol-cesium update
 - WebGL renderer in OpenLayers: more than just points
 - No answers yet
- State-of-the-art
 - VT service provided by Swisstopo
 - Several projects start using vector tiles: Schweizmobil, Luxembourg, Swisstopo
 - Advantages: tile generation performance, client styling and filters, usability (continuous zoom, ...), offline



Next Generation of Viewer (1/2)

- Bring a new, unifying and exciting vision
- Constraints
 - Strong benefit for users
 - First project cannot implement all features, duration < 6 months
 - Features overlap with the existing solution, transition over several years
 - Must exist before obsolescence of the previous version



Next Generation of Viewer (2/2)

- Ideas to brainstorm, new viewer could be...
 - centered on vector tiles
 - centered on 3D (or 4D, including time)
 - centered on real-time
 - only one application with basic configuration
 - ...
- Example
 - Mantra: Switzerland is small - Think 3D!
 - Pure 3D viewer
 - Real-time data only
 - In parallel to the classic application
 - Gradually add features and data



Maintenance (1/2)

- Takes care of GMF Open Source projects in the Camptocamp GitHub organization
 - Issues triage, code reviews
 - Continuous integration
 - Dependencies updates and minor releases
- Takes care of related Open Source projects
 - OpenLayers, SQLAlchemy, Papyrus, etc
- Helps organize and participate in GMF community meetings
- Provides the infrastructure for the maintenance
 - CI server, demo server
 - Ticketing system
 - xBrowser testing solution, alerting, etc



Maintenance (2/2)

- 20 maintenance contracts CHF 5k == 60 days / year + 18.5 days of included support == 1d per week + hosting
 - 4 hours: triage, review, releases, dependances updates
 - 4 hours: OpenLayers, MapFish print, etc. contribs
- Last year (Nov 2019-Nov 2020)
 - 5.5k+ issues where Camptocamp team contributed
<https://github.com/search?q=involves%3Apmaduit+involves%3Asbrunner+involves%3Aelemoine+involves%3Aasaunier+involves%3Aarnaud-morvan+involves%3Aochriste+involves%3Afredj+involves%3Aajwkaltz+involves%3Ager-benjamin+involves%3Agberaudo+involves%3Aajulsbreakdown+involves%3Aajacolin+involves%3Allienher+involves%3Afravin+involves%3ARenataMuellerC2C+updated%3A%3E%3D2019-11-19&type=Issues>
 - 1.3k+ issues c2cgeoportal + ngeo
<https://github.com/search?q=involves%3Asbrunner+involves%3Aelemoine+involves%3Aasaunier+involves%3Aarnaud-morvan+involves%3Aochriste+involves%3Afredj+involves%3Aajwkaltz+involves%3Ager-benjamin+involves%3Agberaudo+involves%3Aajulsbreakdown+involves%3Aajacolin+involves%3Allienher+involves%3Afravin+involves%3ARenataMuellerC2C+updated%3A%3E%3D2019-11-19+repo%3Acamptocamp%2Fc2cgeoportal+repo%3Acamptocamp%2Fngeo&type=Issues>



to camp 

camp **to** camp

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