

PSC GeoMapFish

November 6, 2017

camptocamp

INNOVATIVE SOLUTIONS
BY OPEN SOURCE EXPERTS

Agenda

- GeoMapFish 2.3
 - Not Admin Interface
 - Admin Interface
- Google Closure Compiler
- GeoMapFish 2.4
 - Features
 - First Estimates



Not Admin Interface

- Mobile layers opacity → Done
- No-flush on mobile → Done
- Swipe arrow to close results window → Done
- Move/resize windows → 90%
- Map rotation → 90%
- External layers browser → 80%
- Demo



Admin Interface

State of Development

■ Geoform

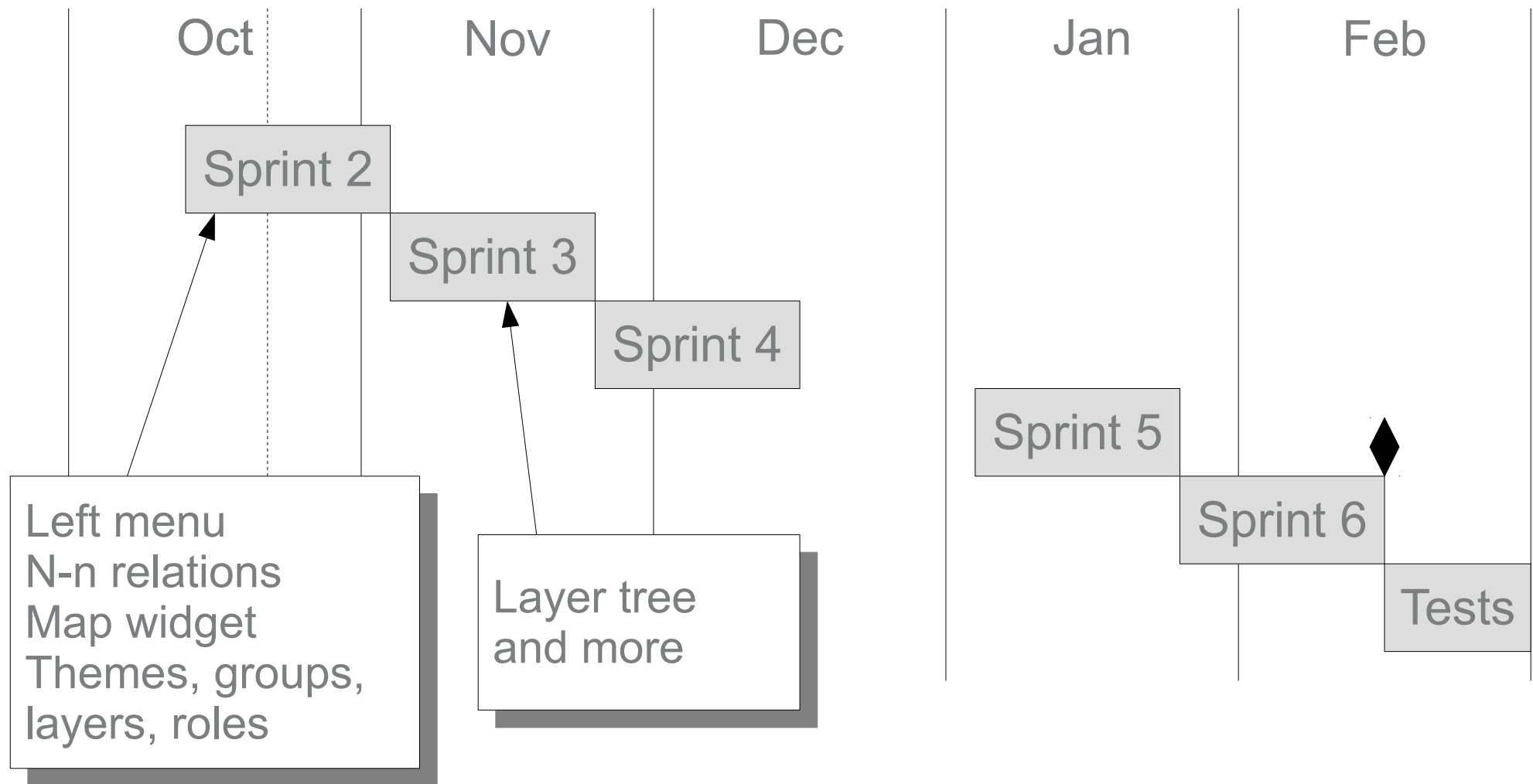
- Big work done to extend the framework
- Better integration with c2cgeoportal
- A lot of 'invisible' work

■ Demo

- Form, list, left menu, n-n relations, map
- https://geomapfish-demo.camptocamp.net/gmf_admin
- Next step: layer tree

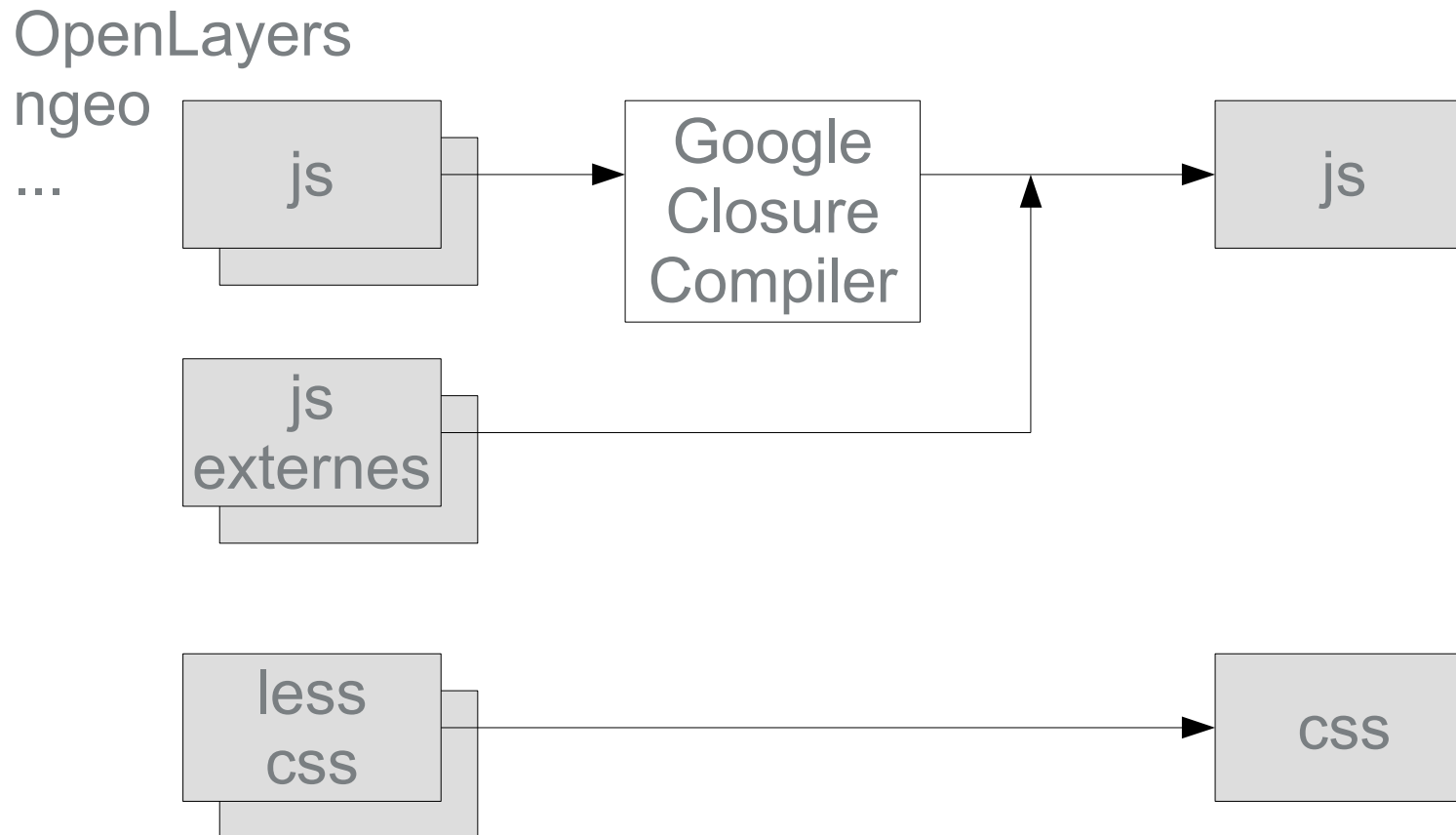


Admin Interface Planning



Closure and OpenLayers

What is Google Closure Compiler?



Closure and OpenLayers Situation

- OpenLayers
 - Will remove Closure dependency
 - Going to module-oriented architecture
 - Use of Webpack
 - → End of 2017
- Problem
 - We must adapt to the new situation
 - It is quite a big change

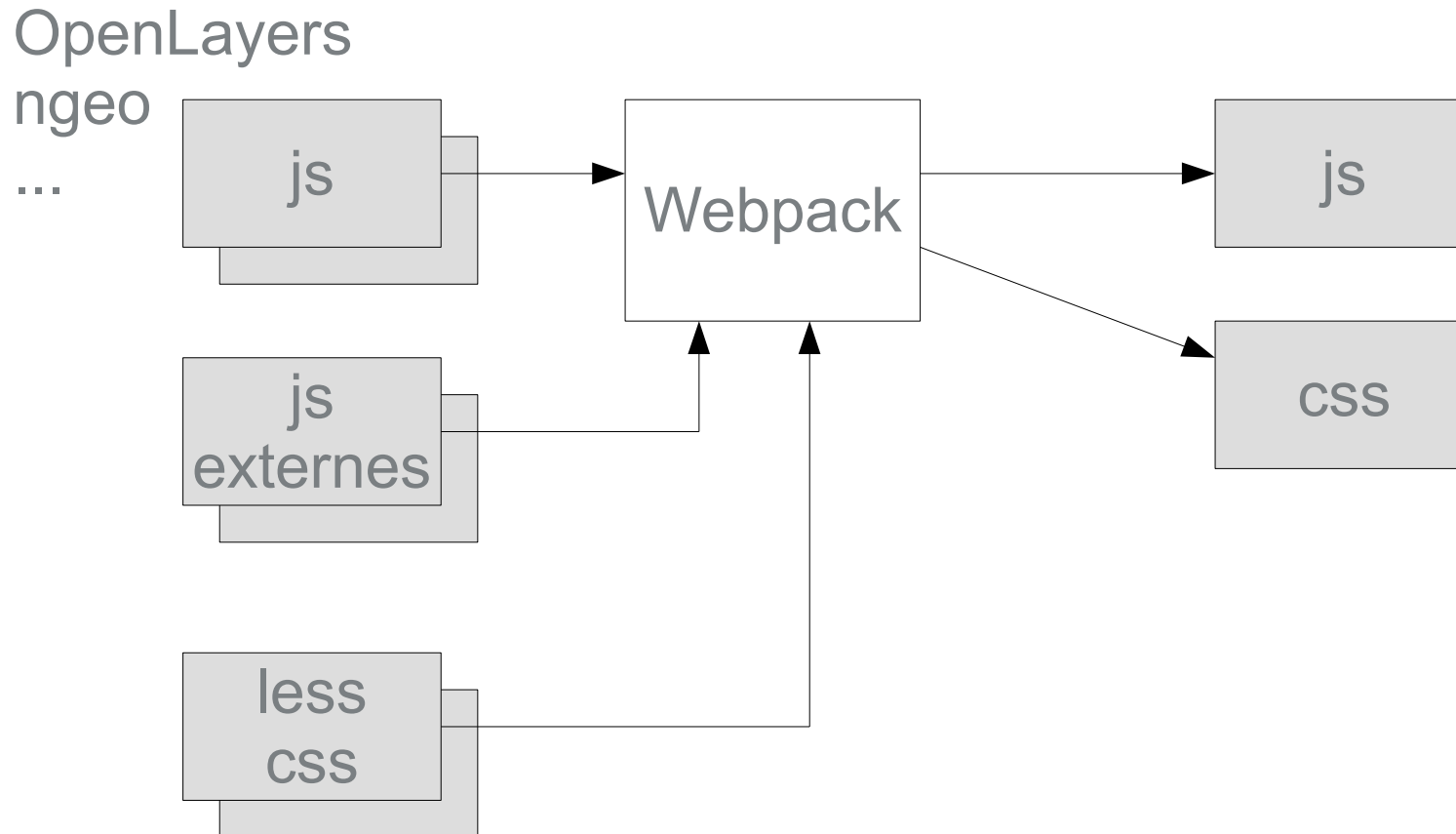


Closure and OpenLayers Analysis

- Advantages
 - Modern architecture
 - Modularity, external dependencies optimized
 - Simplicity
- Alternative
 - Keep a Closure compatible OpenLayers with automated scripts
 - Non trivial and not very clean
- Work needed
 - Add modularity, Webpack
 - A lot of work can be done while development continues



Closure and OpenLayers Webpack



Closure and OpenLayers Estimate

- Tasks
 - Code and tools preparation : ~12 days
 - Adapt Angular architecture: ~10 days
 - Replace build system, add Webpack: ~17 days
- Total: 35-40 days



Closure and OpenLayers Actions

- Already done
 - Guidelines for new code (modularity)
 - Thorough analysis
 - Same work done on another project → know-how
 - PSC Meeting
- To do
 - Start as soon as possible
 - Do all background tasks
 - Plan a switch to new architecture after GeoMapFish 2.3



GeoMapFish 2.4

Features

- Requests list on Google Sheets
 - https://docs.google.com/spreadsheets/d/1AGmHEVAyLqPYGOFDgrR_ocHZcEGF-mwdulH9EFQYyIY/edit#gid=649333966
- Priorities
 - Set by PSC
 - Priority 1 = in 2.4



GeoMapFish 2.4

First Estimates

- Mobile Redlining Readonly CHF 1'900.-
- Delete Vertex Menu CHF 3'000.-
- Layer Tree Radio Buttons CHF 9'300.-
- App Loading CHF 6'600.-
- Tree Panel Resize CHF 5'100.-
- Small changes: First Level Panel Title, Drawing Zoom Change, Query Result: Autolink+mail CHF 4'900.-
- Not estimated yet (requests still to be clarified)
 - IFRAME
 - Editing improvements



to camp 

camp **to** camp

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