

# User Group GeoMapFish

November 11, 2019

**camptocamp**

INNOVATIVE SOLUTIONS  
BY OPEN SOURCE EXPERTS

# Agenda

- 2.5
  - New features, demo
  - Planning
- 2.6
  - Features
  - Priorities
- Docker
  - Docker and GeoMapFish
  - Hosting solutions
- GetItFixed Demo
- Geofunctions Demo



# 2.5

## Development Status

- Many features implemented —> Demo
- In progress:
  - 2.5.14.2 - WMTS layers limits
  - 2.5.29 - Layer group filters
- Yet to be done:
  - 2.5.4.2 - Defined length drawing
  - 2.5.14.5 - Display results when count too big
  - 2.5.18 - Loading notifications
  - 2.5.24 - Improve documentation



# 2.5

## Demo

<https://geomapfish-demo-2-5.camptocamp.com>

[https://geomapfish-demo-2-5.camptocamp.com/desktop\\_alt](https://geomapfish-demo-2-5.camptocamp.com/desktop_alt)



# 2.5

## Planning

- Features development —> End of 2019
- Internal tests (RC1) —> End of January
- Integration phase in February-March
  - Cartoriviera and SITN?
- 2.5.0 around mid-March



## 2.6

# Features

[https://docs.google.com/spreadsheets/d/1AGmHEVAyLqPYGOFDgrR\\_ocHZcEGF-mwdulH9EFQYyIY/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1AGmHEVAyLqPYGOFDgrR_ocHZcEGF-mwdulH9EFQYyIY/edit?usp=sharing)

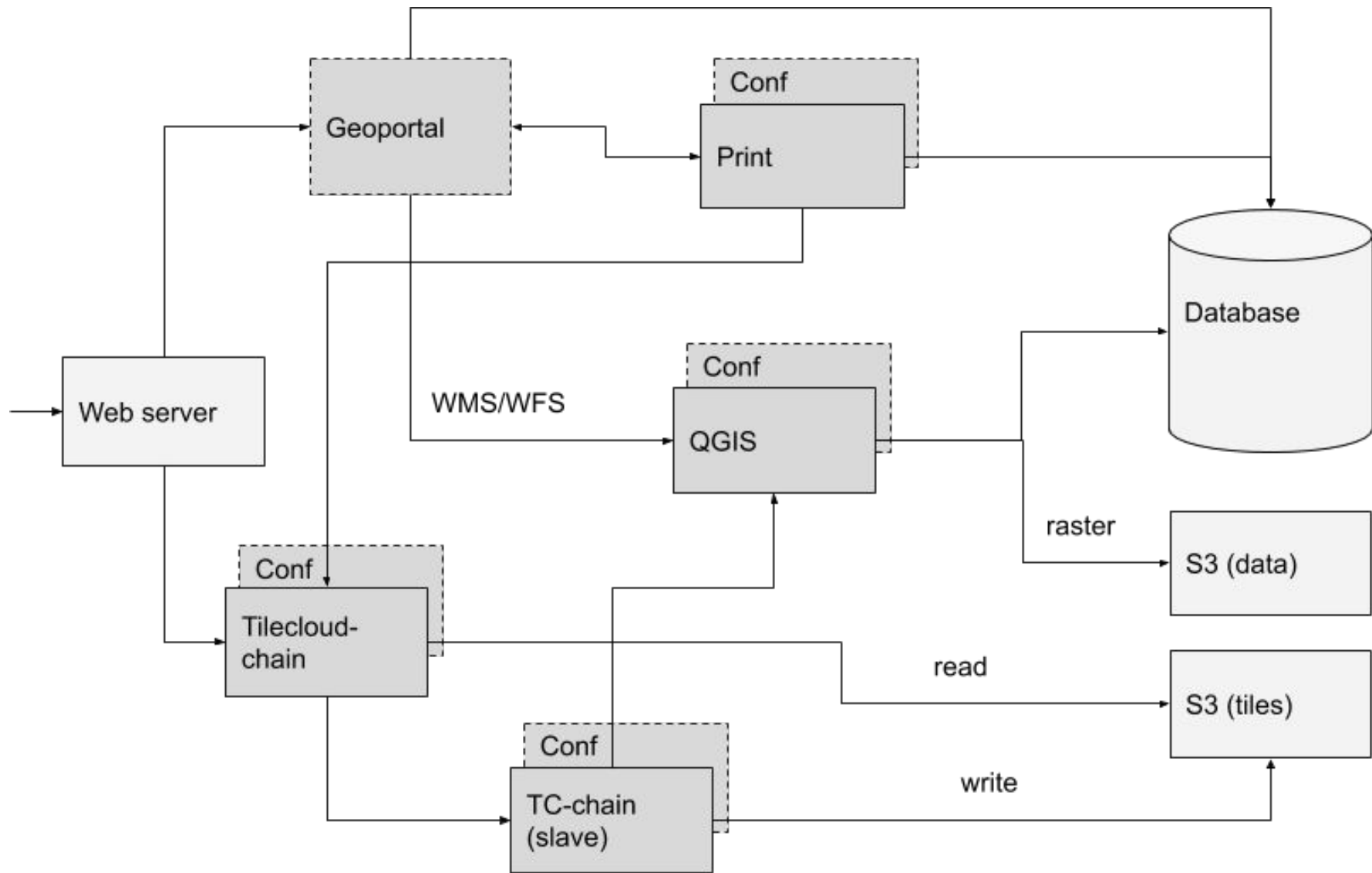


# GeoMapFish and Docker

- Docker
  - GeoMapFish moving to Docker since early 2018
  - Two modes in 2.4
  - 2.5 is Docker-only
- GeoMapFish
  - Distributed as a set of Docker images
  - Ready-to-use



# Docker Architecture



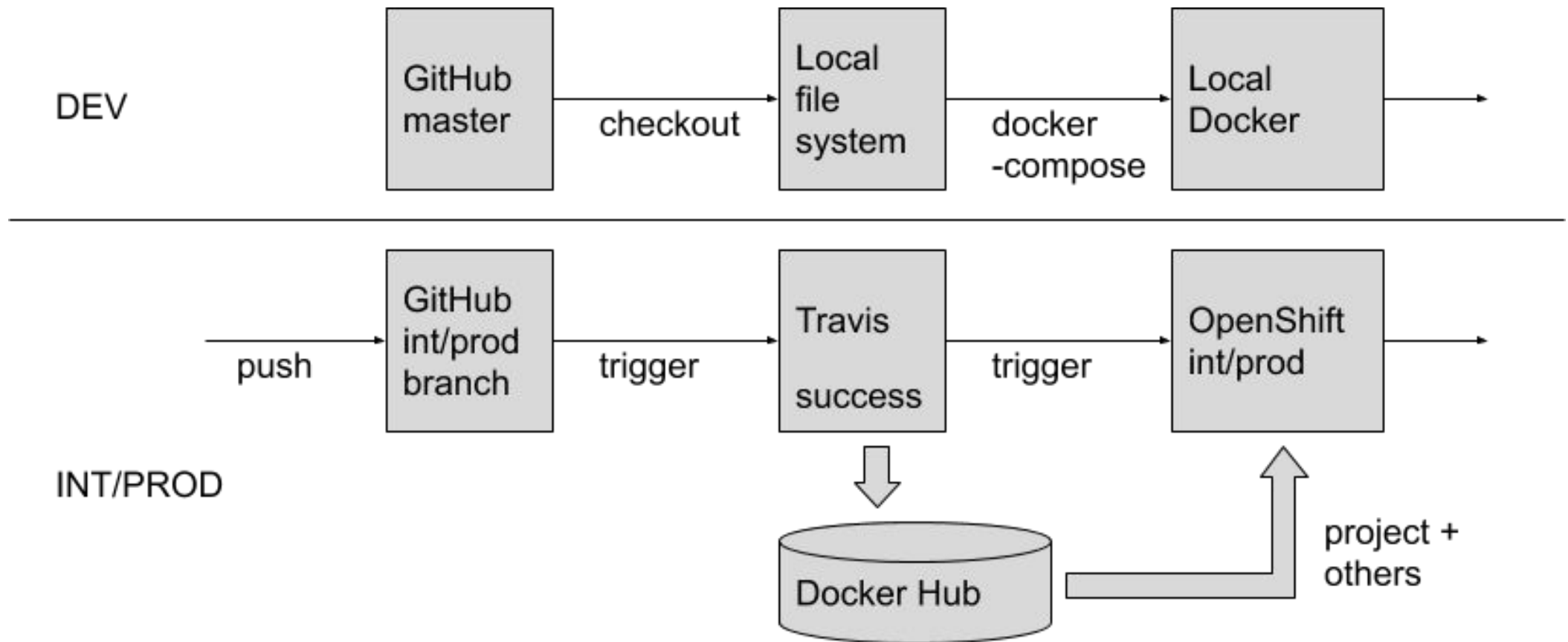


# OpenShift at Camptocamp

- Hosting solutions
  - On your infrastructure (with or without orchestration)
  - At Camptocamp —> All new projects will use OpenShift
- OpenShift
  - Docker container platform by Red Hat
  - Based on Kubernetes orchestration system
  - The state-of-the-art for putting Docker in production
- Orchestrator
  - Main role: decide on which host will run the containers
  - Needs a automatic deployment



# OpenShift CI/CD



# GetItFixed

## Overview

- Goal: allow citizens to report problems and managers to review/comment/analyze reports
- Status
  - First version finished
  - Yet to be done: bug fixing and GeoMapFish integration
  - Feature priorities were set by first client
  - Project is still evolving
  - Brochure (with feature list) in preparation
- Geoform
  - GetItFixed uses Geoform
  - Geoform was updated as a part of the project



# GetItFixed Demo

<https://geomapfish-demo.camptocamp.com/getitfixed/getitfixed/issues>

<https://geomapfish-demo.camptocamp.com/getitfixed/admin/issues>

<https://geomapfish-demo.camptocamp.com/webmail/>



# GetItFixed

## Next Steps

- GeoMapFish integration
  - GMF plugin
  - Two-way: link in query result and GetItFixed remembers the GMF feature that was selected
  - GetItFixed data in GMF database —> GetItFixed layer
  - But GetItFixed can also be used independently
- New features (some not yet funded)
  - 'Cost' value filled in by manager, with default value
  - Data visualization, statistics, costs by category
  - Routing to address problems in an optimal order
  - Secured API to add reports



# Geofunctions

## Overview

- Development for Graubünden (specific for now)
- Goal: open an external business-specific application based on a geometry
- Features
  - List of applications in database
  - Choice of geometry type (point, line, polygon)
  - Applications filtered by theme



# Geofunctions Demo



to camp 

camp **to** camp

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