



# Joint Code Sprint 2021

February 17<sup>th</sup> to 19<sup>th</sup>, 2021

# Pre-event Webinar

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Martin Desruisseaux (ASF), Angelos Tzotsos (OSGeo), Tom Kralidis (OSGeo) and Gobe Hobona (OGC)

# Webinar Agenda

Welcome Remarks

Sponsor Remarks

Overview of participating OGC standards working groups

Overview of participating OSGeo projects

Overview of participating ASF projects

Questions & Answers

# Invitation

The Open Geospatial Consortium (OGC), the Apache Software Foundation (ASF), and Open Source Geospatial Foundation (OSGeo) invite software developers to a joint Virtual Code Sprint on:

- February 17th, 2021 from 7:00am EST until 5:30pm US Eastern Time.
- February 18th, 2021 from 7:00am EST until 5:30pm US Eastern Time.
- February 19th, 2021 from 7:00am EST until 5:30pm US Eastern Time.

## **What is a Code Sprint?**

A collaborative and inclusive event driven by innovative and rapid programming with minimum process and organization constraints to support the development of new applications and open standards. (source: OGC Innovation Program policy)

# Sponsors' Remarks

Gold Sponsor:



Ordnance  
Survey

Silver Sponsor:



# Sprint Agenda

Day 1 - February 17th

02:00-03:00	Networking 
03:00-07:00	Break
07:00-07:05	Welcome & objectives 
07:05-07:10	Sprint programme & way of working 
07:10-07:20	Sprint goals for OGC standards working groups 
07:20-07:30	Sprint goals for OSGeo projects 
07:30-07:40	Sprint goals for ASF projects 
07:40-08:00	Questions and Answers 
08:00-09:00	5-minute pitch by each project or working group 
09:00-13:00	Practical work in break-out rooms
13:00-13:30	Break
13:30-16:30	Practical work in break-out rooms
16:30-17:30	Daily brief back 

# Sprint Agenda

Day 2 - February 18th

02:00-03:00	Networking 
03:00-07:00	Break
07:00-09:00	Practical work in break-out rooms
09:00-10:00	a short stand-up and preliminary demonstration 
10:00-12:30	Practical work in break-out rooms
12:30-13:00	Issues / concerns 
13:00-13:30	Break
13:30-16:30	Practical work in break-out rooms
16:30-17:30	Daily brief back 

# Sprint Agenda

Day 3 - February 19th

02:00-03:00	Networking 
03:00-07:00	Break
07:00-09:00	Practical work in break-out rooms
09:00-10:00	a short stand-up and preliminary demonstration 
10:00-12:30	Practical work in break-out rooms
12:30-13:00	Issues / concerns 
13:00-13:30	Break
13:30-15:30	Practical work in break-out rooms
15:30-16:30	Demonstration 
16:30-17:30	Wrap-up: immediate lessons, next steps, thanks and goodbyes 

# Breakout Agendas

## An example

### OGC API - Environmental Data Retrieval SWG Agenda

Meeting room <https://meet.jit.si/OGC-API-EDR>

Please add your GitHub handle to the table below, so that other participants know when to expect you.

Time (EST)	What	Who will be here (GitHub Handles)
<b>17th February 2021</b>		
09:00-13:00	Practical work	@solson-nws @ShaneMill1 @github-handle-1 @github-handle-2
13:30-16:30	Practical work	@solson-nws @ShaneMill1
<b>18th February 2021</b>		
07:00-09:00	Practical work	@solson-nws @ShaneMill1
10:00-12:30	Practical work	@solson-nws @ShaneMill1
13:30-16:30	Practical work	@solson-nws @ShaneMill1
<b>19th February 2021</b>		
07:00-09:00	Practical work	@solson-nws @ShaneMill1
10:00-12:30	Practical work	@solson-nws @ShaneMill1
13:30-15:30	Practical work	@solson-nws @ShaneMill1

# Which OGC Standards Working Groups do you regularly contribute to?

OGC API -  
Processes

GeoAPI

OGC API -  
Common

OGC API -  
Environmental  
Data Retrieval

OGC API -  
Features

OGC API -  
Tiles

OGC API -  
Records

GeoPose

OGC API -  
Coverages

OGC API -  
Styles

GeoXACML

GeoPackage

CDB

MapML

# Which OSGeo projects do you regularly contribute to?

GeoHealthCheck

GeoNetwork

GeoNode

GeoServer

GeoTrellis

Mapbender

mapproxy

MapServer

MobilityDB

OSGeoLive

OWSLib

pdal

pgRouting

PostGIS

Proj

pycsw

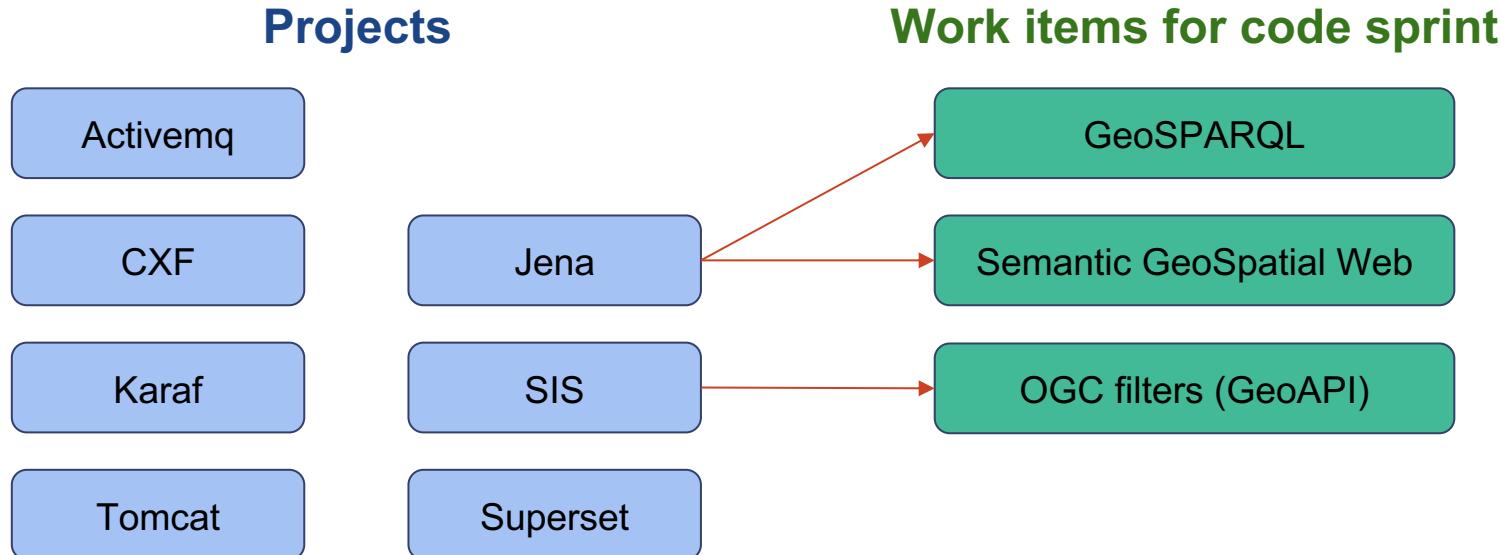
pygeoapi

QGIS

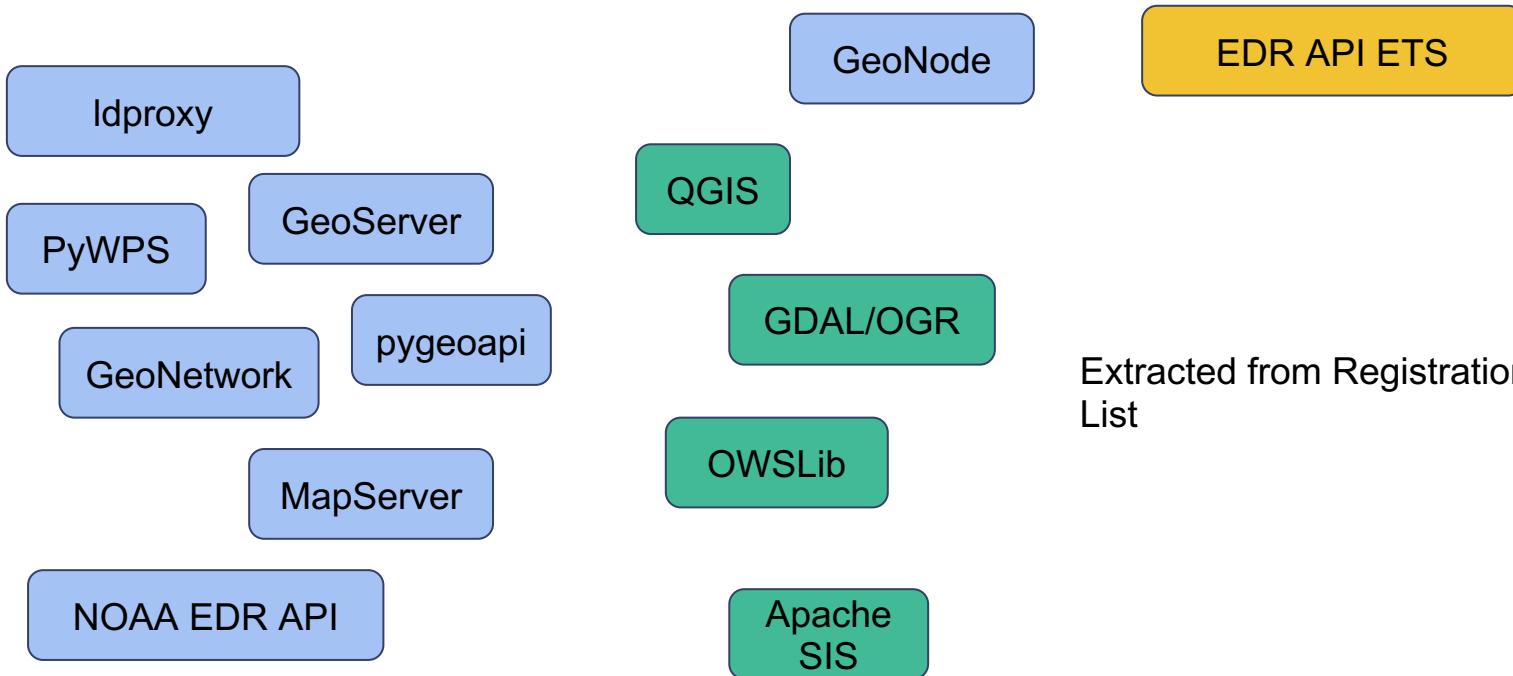
Stetl

ZOO-Project

# Which Apache projects do you regularly contribute to?



# How everything fits together [1]



[1] <https://github.com/opengeospatial/joint-ogc-osgeo-asf-sprint-2021/blob/master/agenda-5-min-pitch.adoc>

# Joint OGC OSGeo ASF Code Sprint 2021



This Github repository is for the 2021 Joint OGC OSGeo ASF Code Sprint.

[gitter](#) [join chat](#) #OGCAPI

## The Sprint is sponsored by

Gold Sponsor



Silver Sponsor



## About the Code Sprint

The Open Geospatial Consortium (OGC), Open Source Geospatial Foundation (OSGeo), and the Apache Software Foundation (ASF) invite software developers to a joint Virtual Code Sprint on the 17th, 18th and 19th of February 2021. The sprint will begin at 07:00am EST on the first day, and end at 05:30pm EST on the last day.

Register at [https://portal.ogc.org/public\\_ogc/register/20210217\\_code\\_sprint.php](https://portal.ogc.org/public_ogc/register/20210217_code_sprint.php)

A Code Sprint is a collaborative and inclusive event driven by innovative and rapid programming with minimal

<https://github.com/opengeospatial/joint-ogc-osgeo-asf-sprint-2021>



ghobona @ghobona Feb 11 19:53

All, if you are looking for free data to support your software development, please visit the [Additional Resources page](#)



Prasong Patheephoemphong @astrony 02:02

Hi everyone.

Nice to meet you. From Bangkok



Gérald FENOY @gfenoy 06:24

Hi Prasong, good to meet again here!



epifanio @epifanio 08:28

Hello OGC-iers!



ghobona @ghobona 09:54

Hi epifanio ! Welcome.



Tom Kralidis @tomkralidis 11:26

@gannebamm glad to see you will be at the sprint. Great to hear of your plans to look at GeoNode's CSW



Florian Hoedt @gannebamm 11:32

I am not experienced with pycsw so the outcome is likely to be NULL, but I will at least get some insight :D



Tom Kralidis @tomkralidis 11:33

anything you are looking for fix/improve?



Florian Hoedt @gannebamm 11:35

Yes, we would like to use the auth methods of GeoNode for the CSW API. Currently, this does not work as expected (at least in my tests). This is likely more a GeoNode issue since pycsw itself does not provide any auth stuff, but relies on the implementing codebase to fetch those cases, right?

Furthermore having a proper harvesting enabled (instead of just reading WMS endpoints) is something we would like to get working.



Tom Kralidis @tomkralidis 11:50

great. You would have to integrate this in the pycsw front end that's in geonode, iirc.

For harvesting, this would need to be implemented in the pycsw plugin in GeoNode as well, because of the GeoNode ORM underneath. Perhaps we can chat next week in one of the rooms



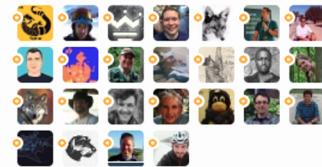
Florian Hoedt @gannebamm 11:51

Yeah that would be nice. Looking forward to the sprint



Peter Burkhart @pburkhart 11:50

PEOPLE REPO INFO



ADD

SEE ALL (63 PEOPLE)

ACTIVITY

ghobona on master 12:39  
[Update OGCAPITilesSWG.adoc](#)  
(compare)

ghobona on master 12:38  
[Update OGCAPIMapsSWG.adoc](#)  
(compare)

ghobona on master 12:36  
[Update OGCAPIProcesses.adoc](#)  
(compare)

ghobona on master 10:53  
[Add github handle to the pygeoa...](#)  
[Merge pull request #22 from fra...](#)  
(compare)

ghobona closed #22 10:53

ghobona on master 10:52  
[Add github handle to the geonod...](#)  
[Merge pull request #21 from fra...](#)  
(re)

na closed #21

10:52

# Questions and Answers

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# Thank you

See you, virtually, on Wednesday 17 February 2021