



Open
Geospatial
Consortium

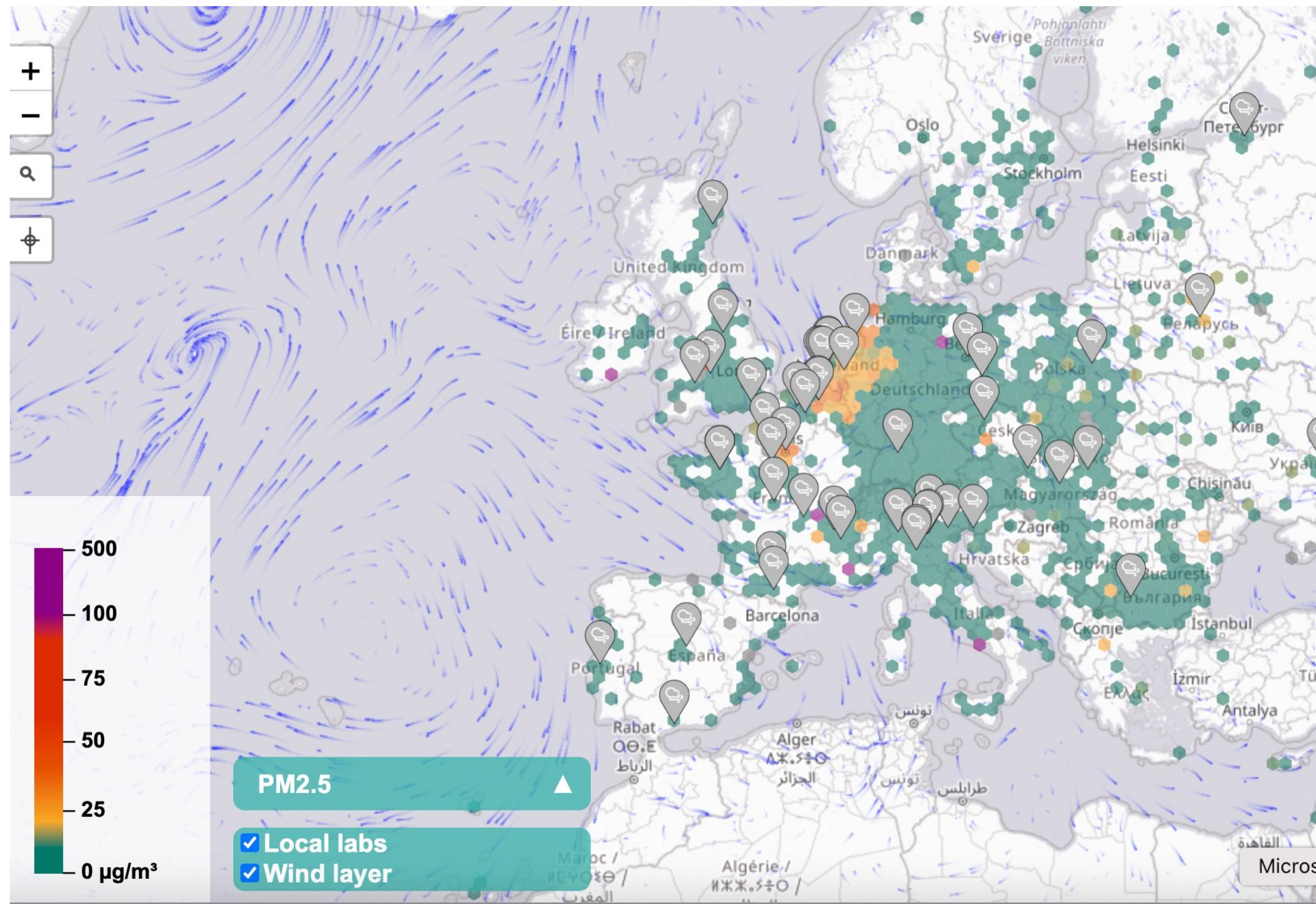
Open Standards Code Sprint

#Day 1 – Kick-off

10th July, 2024



Motivation

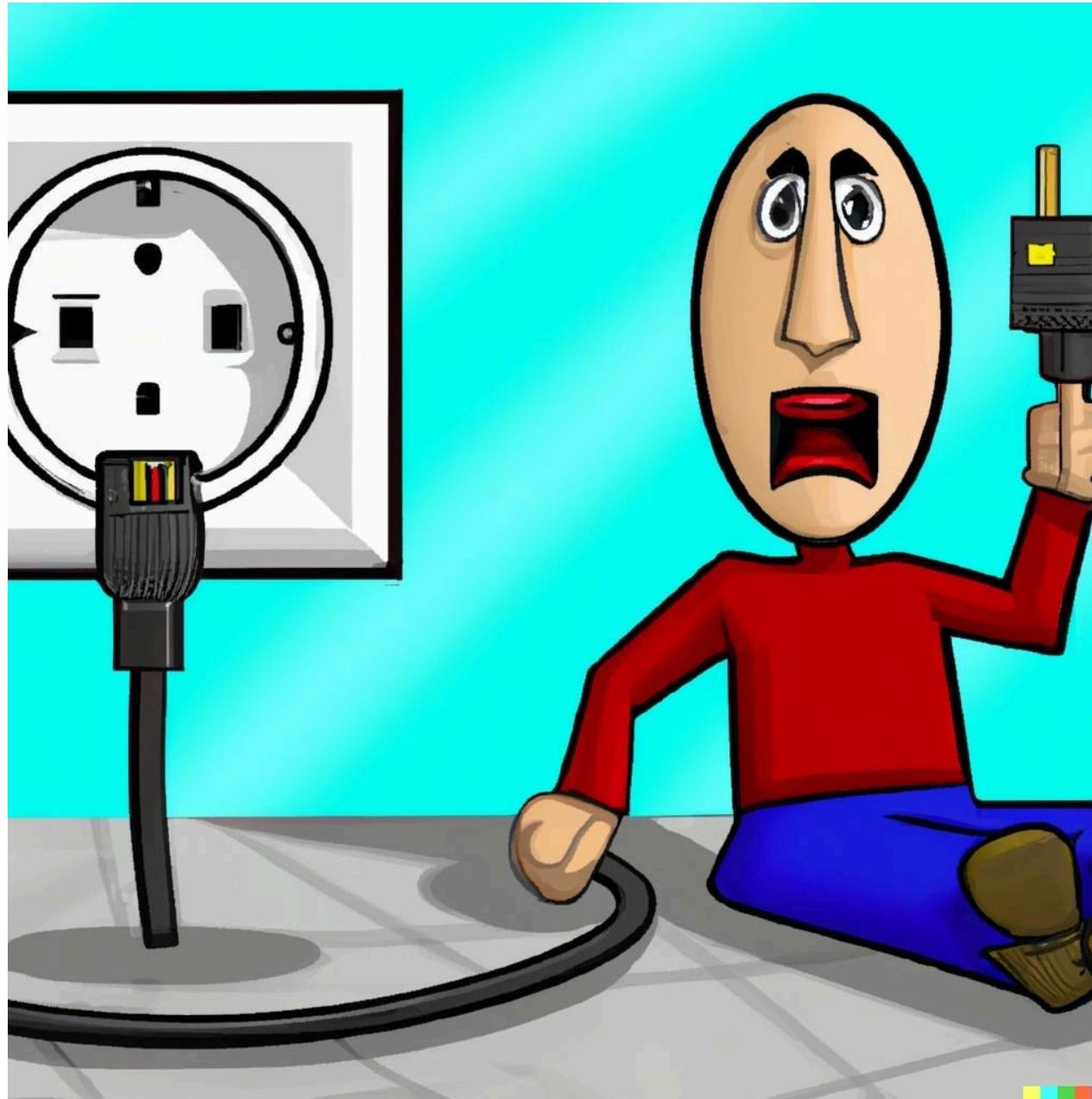


Current values of sensors measuring air quality.
Source: <https://maps.sensor.community/#2/0.0/0.0>



Travel times across London. Source:
<https://movement.uber.com/>

The lack of interoperability can lead to less optimal solutions...





What is OGC?

A hub for thought leadership, innovation, and standards for all things related to location

Our Vision

Building the future of location with community
and technology for the good of society

Our Mission

Make location information Findable, Accessible,
Interoperable, and Reusable (FAIR)

Our Approach

A proven collaborative and agile process combining consensus-based
standards, innovation project, and partnership building

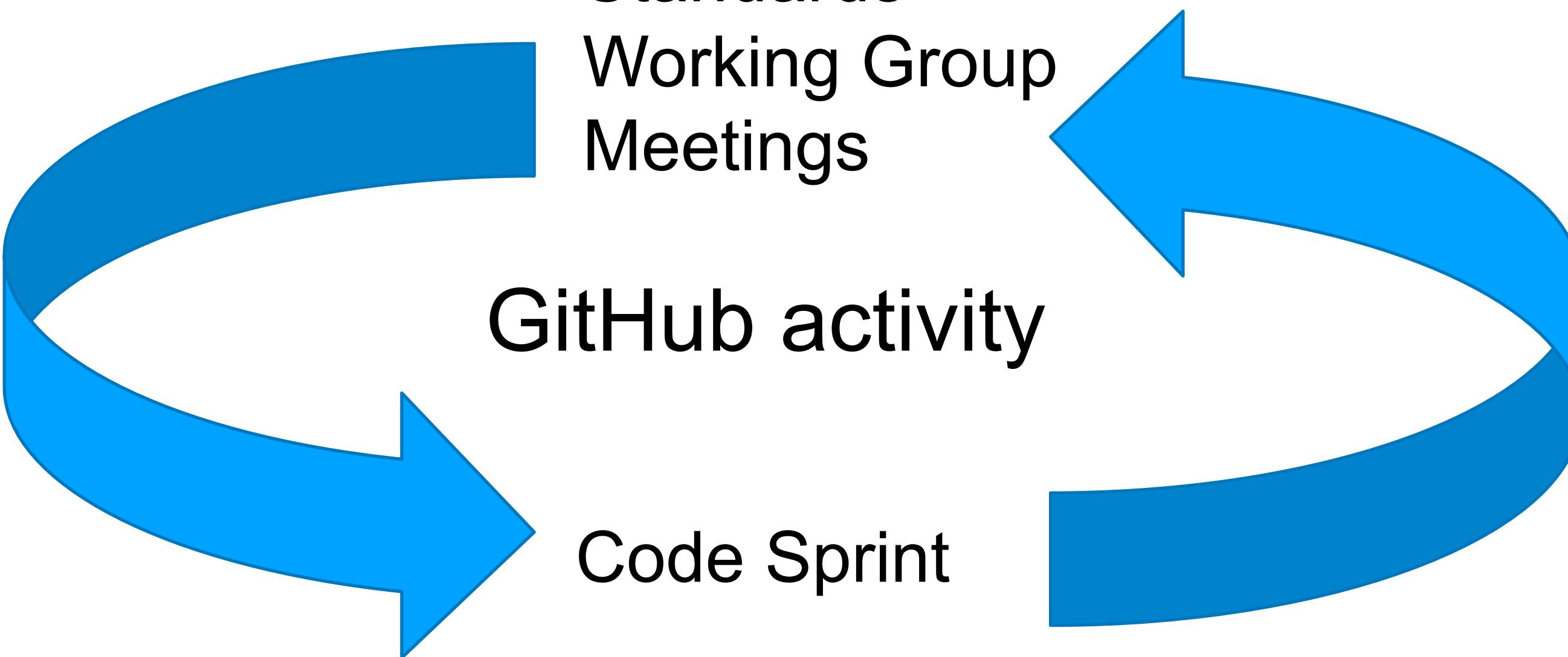
Some advantages of adopting OGC Standards

- Server side: enable a wide range of clients to consume services (e.g.: no need to create custom clients).
- Client side: being able to consume services from a wide range of servers (e.g.: add support to more sources with minimal coding).
- More data access, less coding.

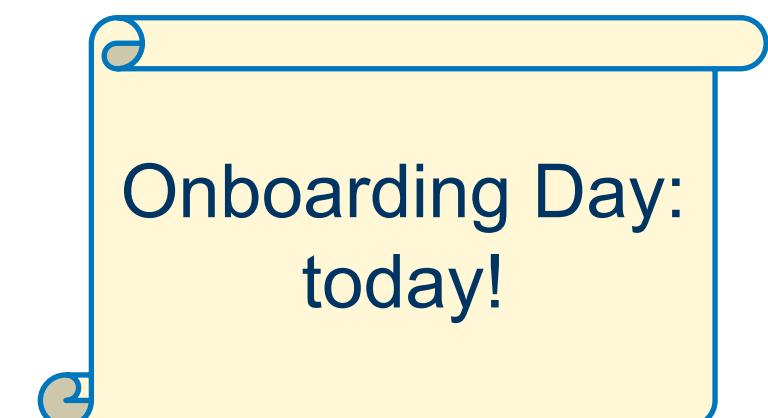


Image generated with DALL.E 2 :<https://openai.com/dall-e-2/>

OGC Code Sprints



- Support the development of the standards.
- Support the development of implementations of the standards.
- Create awareness about the standards.



Open Standards Code Sprint



Open to All OGC standards and more:

- OGC API - Styles & Symbology, DGGS, Coverages, Tiles, Maps, Records, Connected Systems, Features
- OGC SensorThings API
- JSON-FG
- TrainingDML-AI
- MapML

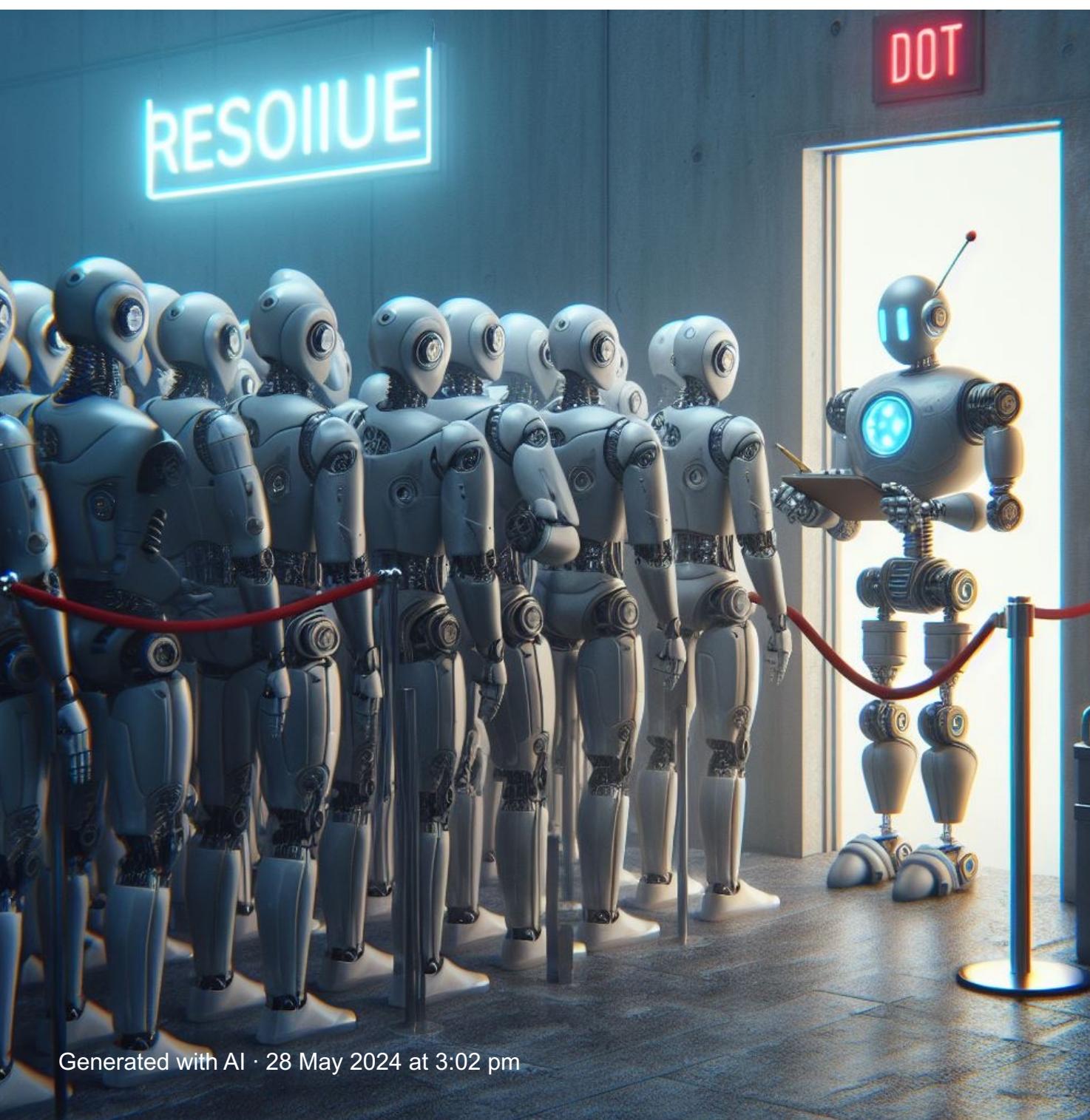


Generated with AI · 28 May 2024 at 3:19 pm

Special Tracks



Generated with AI · 28 May 2024 at 2:59 pm



Generated with AI · 28 May 2024 at 3:02 pm



Generated with AI · 28 May 2024 at 3:04 pm

Data Quality & AI

Validators

MapML

Thank You!

Strategic Member Support:



Natural Resources Canada Ressources naturelles Canada

Canada

<https://natural-resources.canada.ca/>

Thank You!

Silver-level Sponsor:

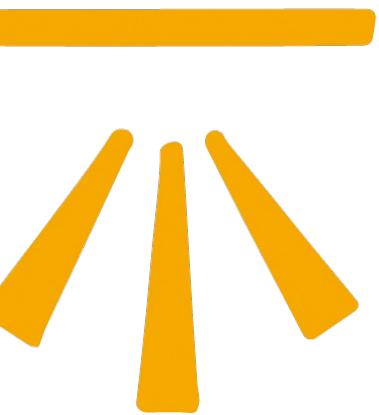


<https://opensource.google/>

Thank You!

Host:

GEOVATION



<https://geovation.uk/>

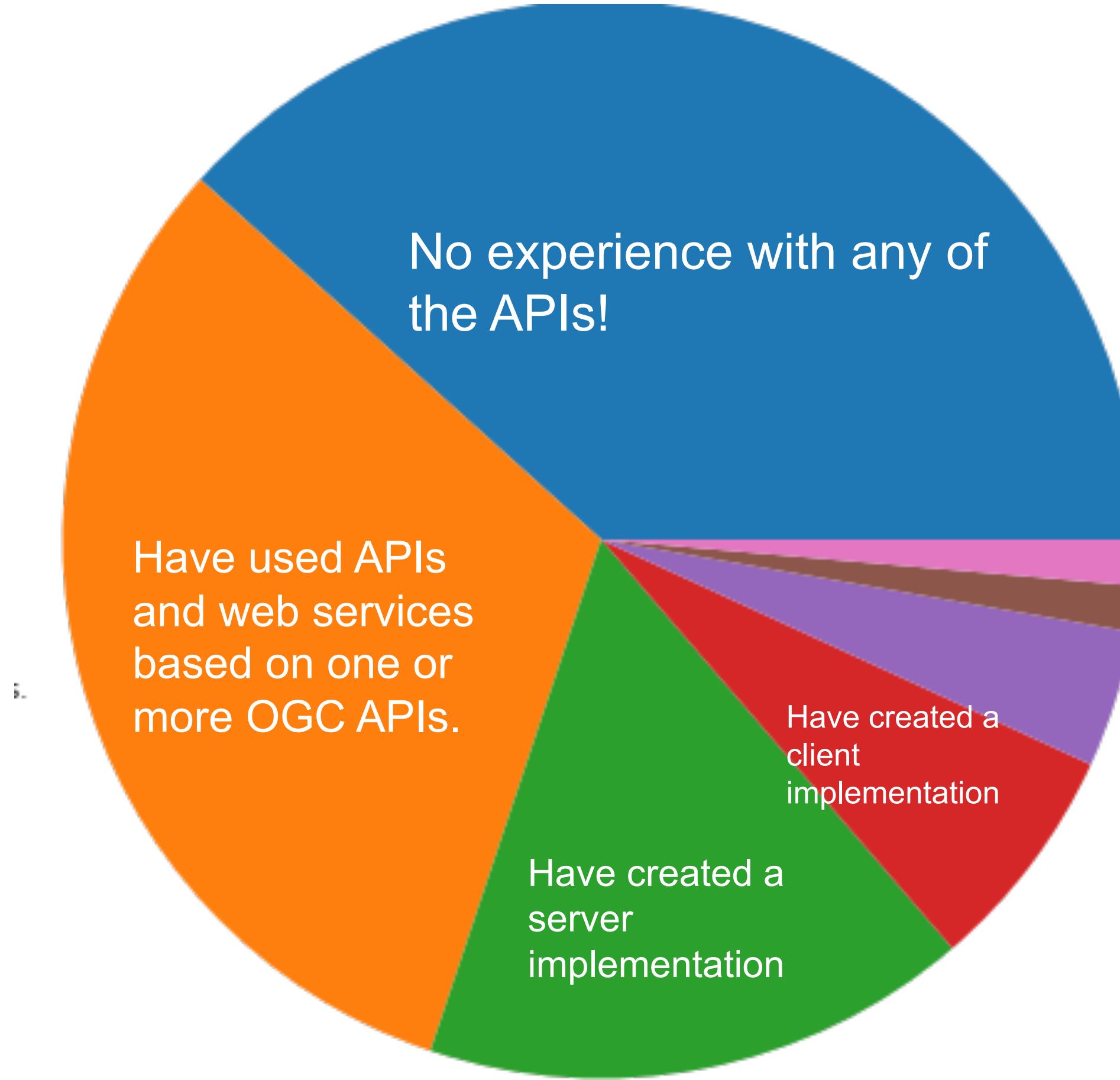
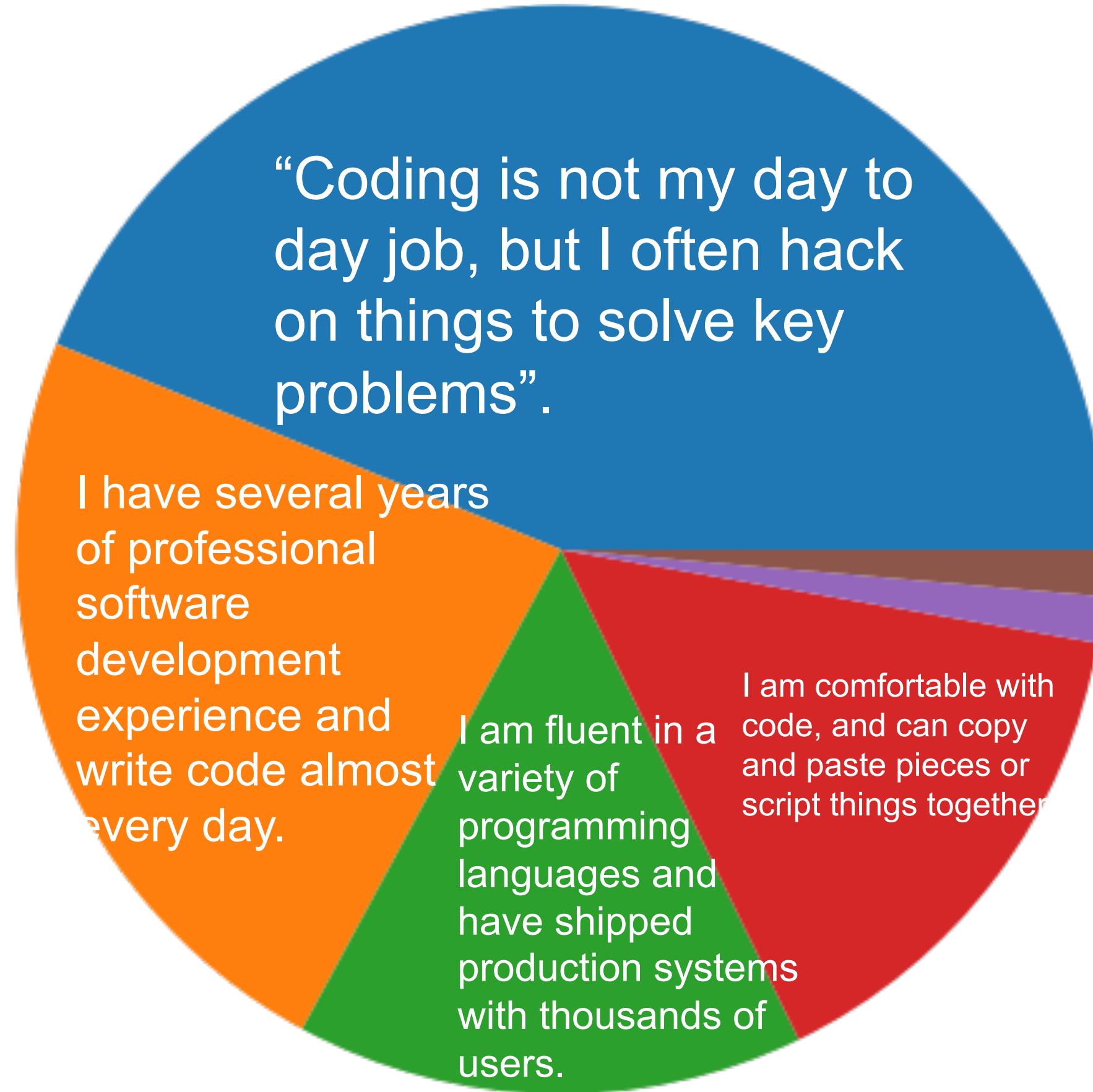
GEOVATION HUB



Quadrant Room

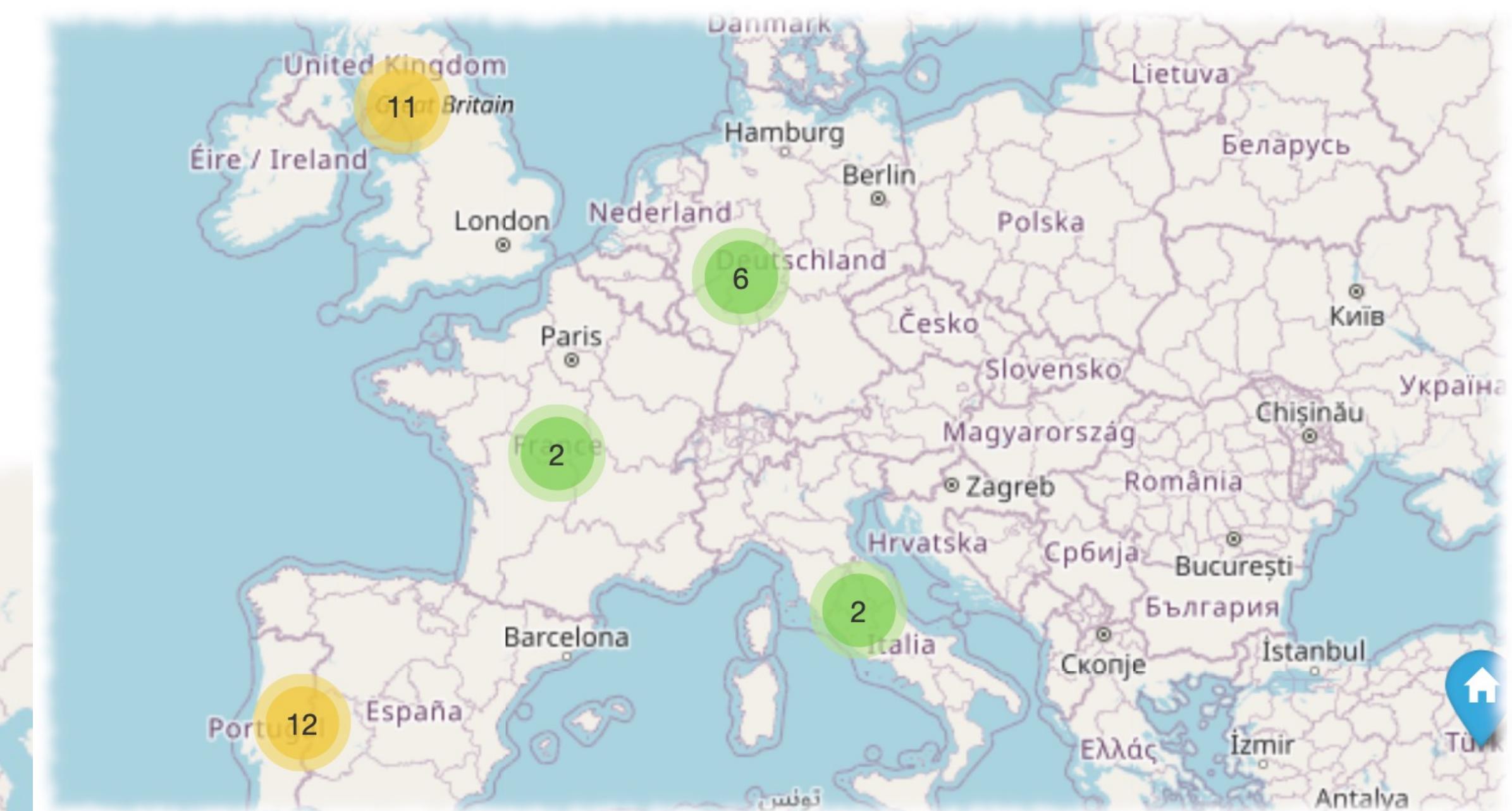
Emu Analytics GeoPlace Geovation Team Accelerator Community

Who are the participants of this sprint?



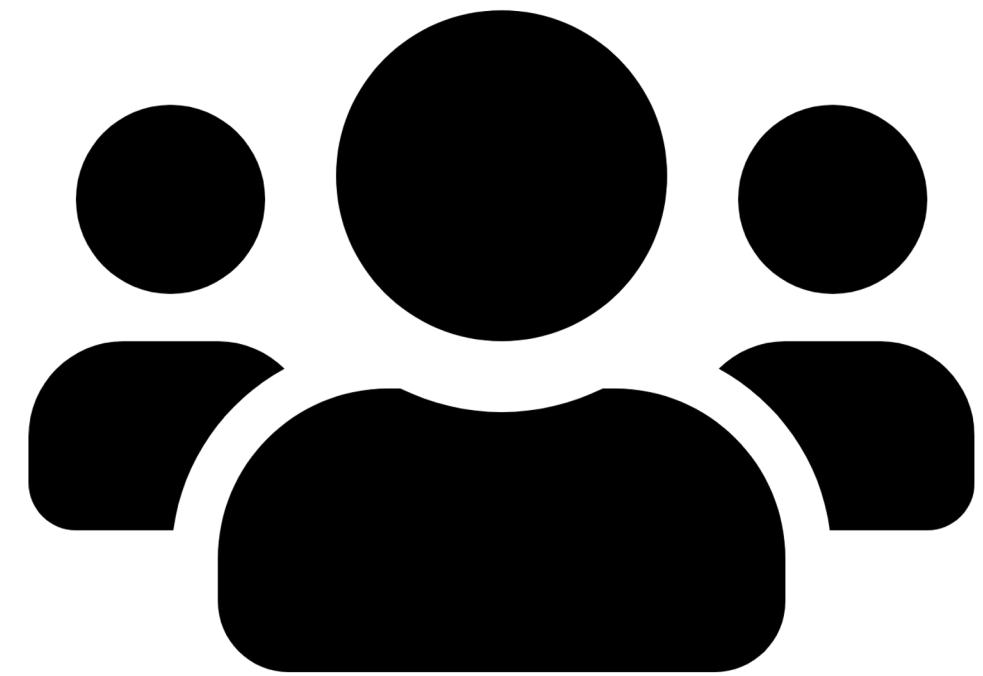
Data from: 08/07/2024

Where do they come from?

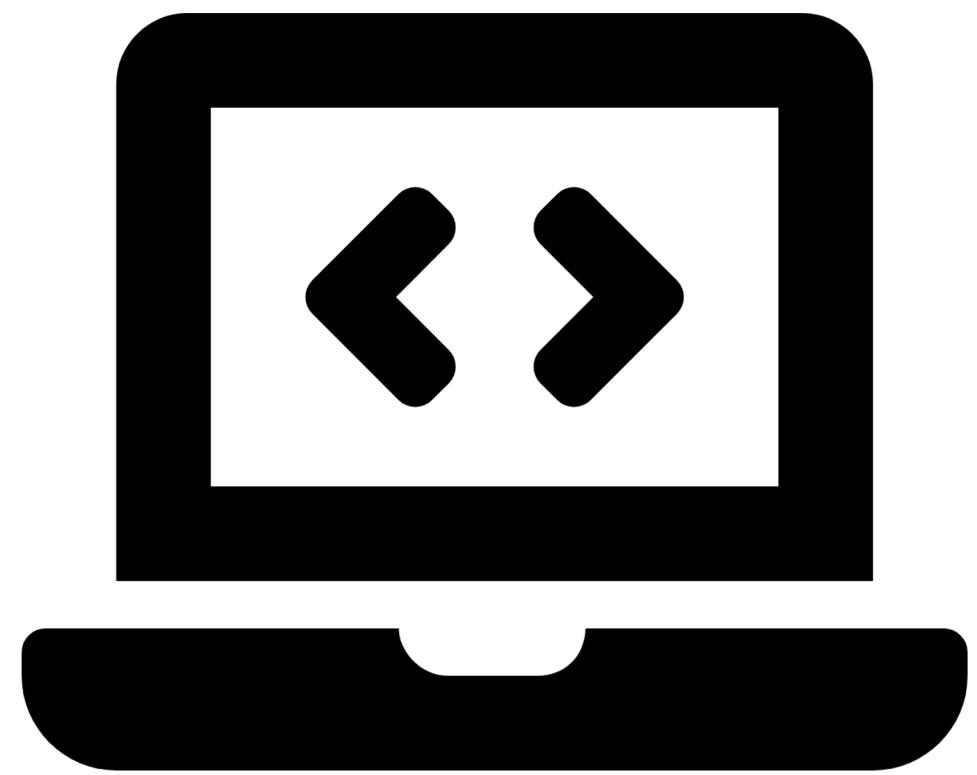


Data from: 08/07/2024

What happens during the code sprint?



Discussions

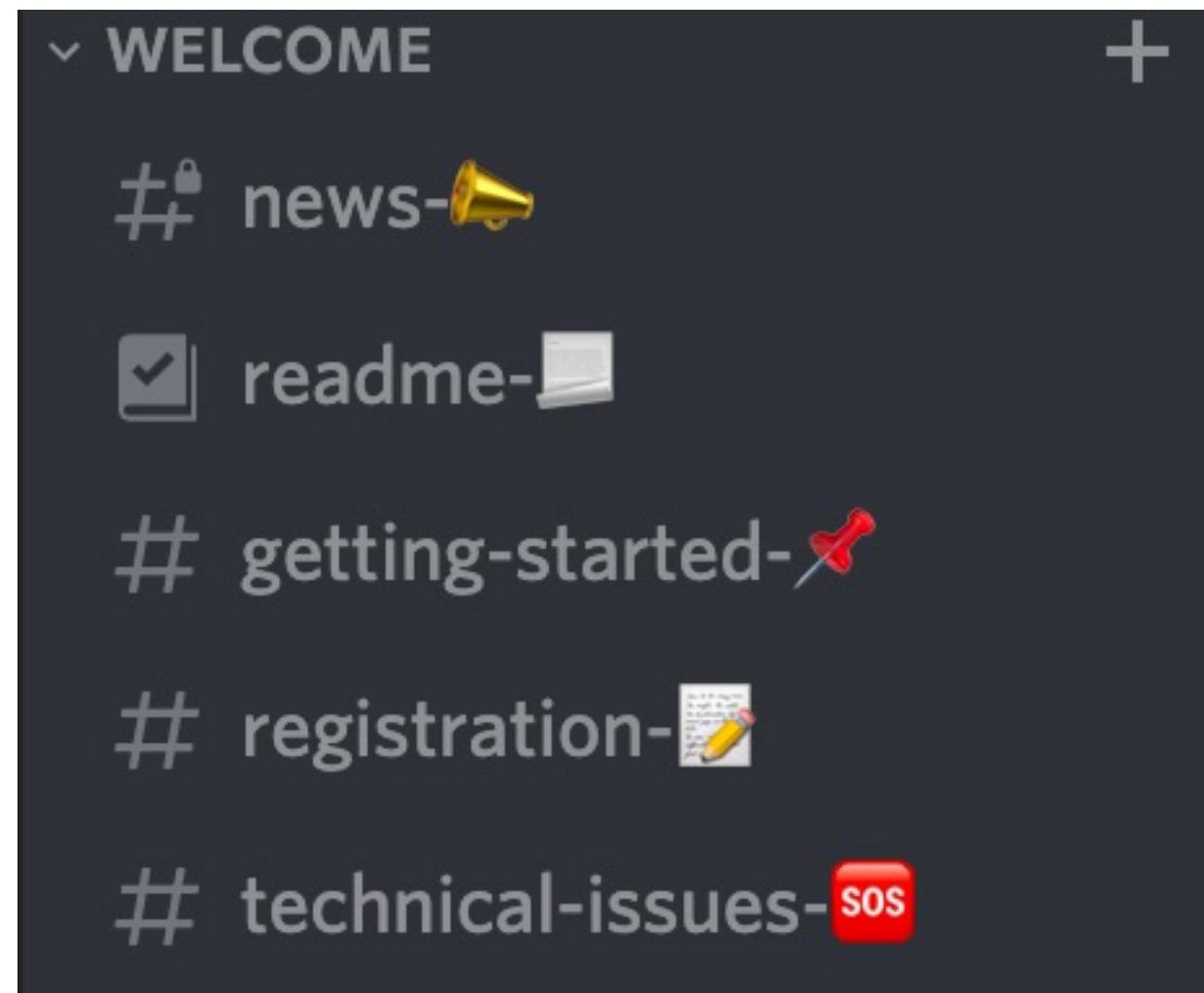


Independent Work

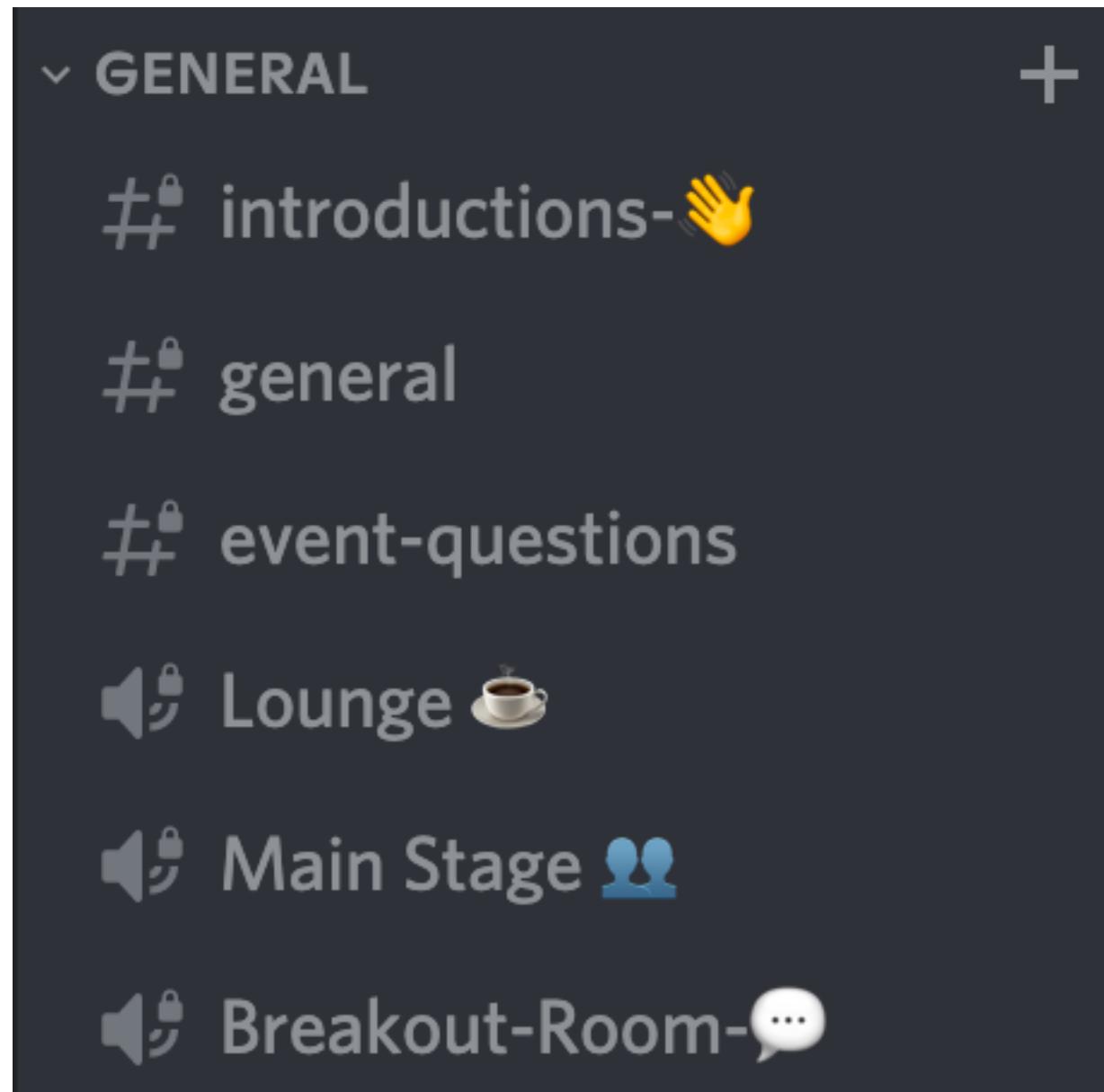


Mentor Stream

OGC Events Discord Server



Meta channels:
check-in and
general info



Main track:
Kick-off,
standups and
demos

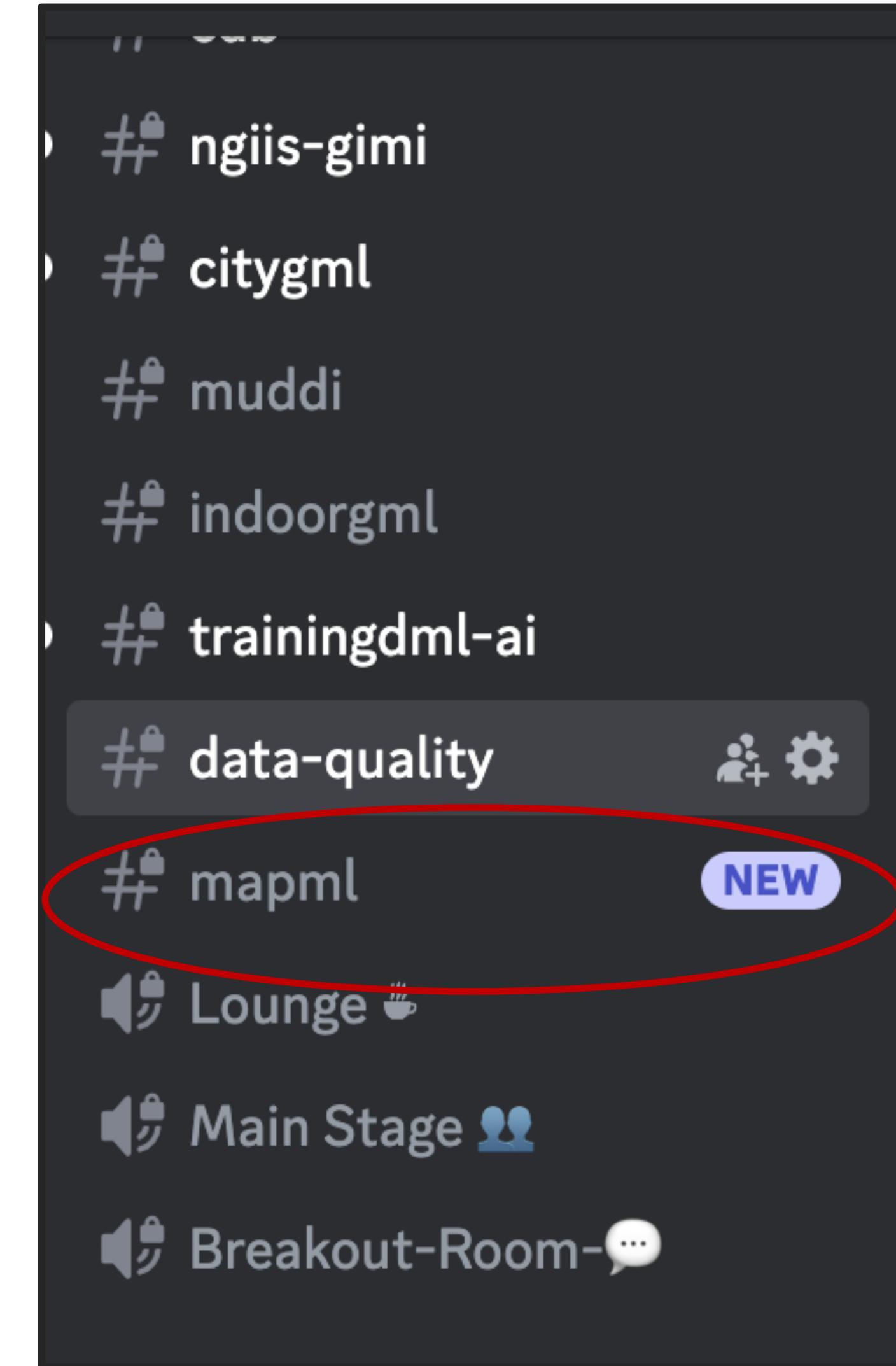
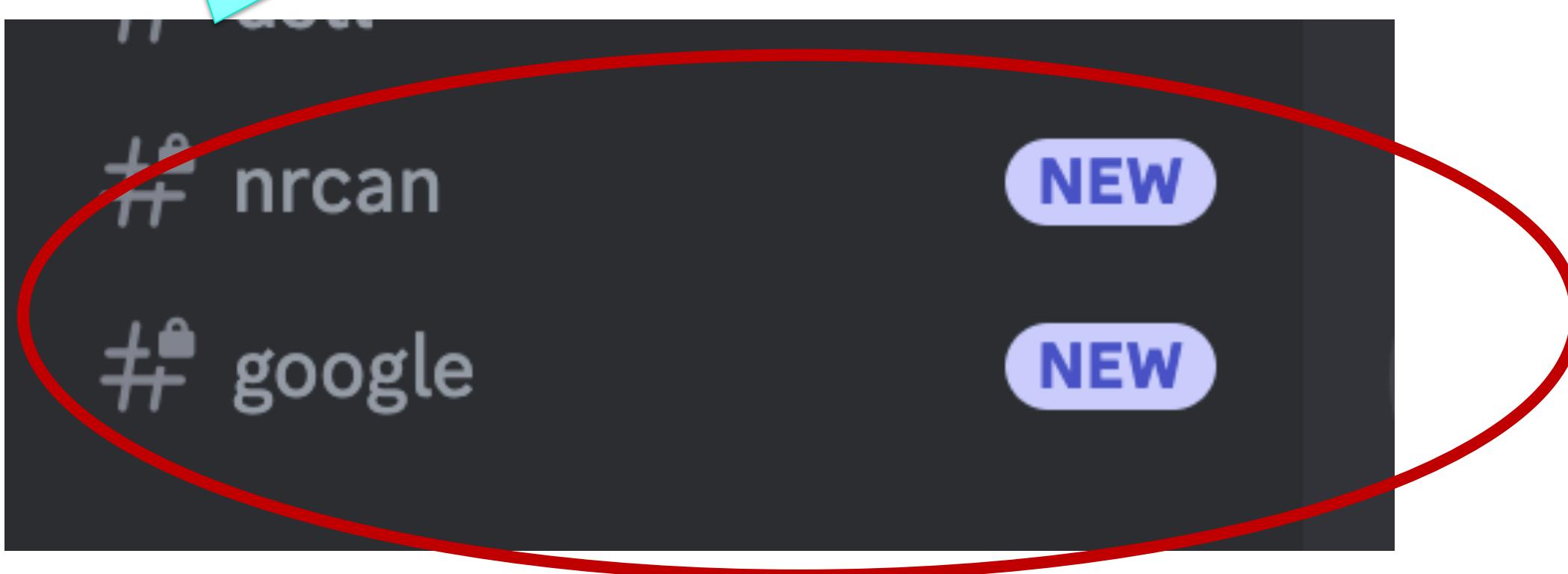


Mentor stream:
tutorials, 1:1
mentoring

Matrix bridge: <https://matrix.to/#/%23ogc:matrix.org>

Added channels

SPONSORS
Section



GENERAL
Section

Tutorials 🎓 – Onboarding Day



10:10 UTC+1 at Room Tenzing/ #Mentor Room

Day #1 - Wednesday, the 10th of July 2024

Location on Discord

2024-07-10		Day #1: Kick-Off	
	09:00 - 10:00	Welcome session	V:  #Main Stage
	10:00 - 12:30	Practical Work	V:  #Breakout Room
	12:30 - 13:30	Lunch	
	13:30 - 18:00	Practical Work	V:  #Breakout Room
	18:00 - 19:00	Early dinner	
	19:00 - 20:00	Practical work	V:  #Breakout Room
	20:00 - 21:00	Daily Brief Back	V:  #Main Stage Support:TC

Day #2 – Thursday, the 11th of July 2024

2024-07-11		Day #2	
	09:00 - 10:00	Practical work	V:  #Breakout Room
	10:00 - 10:30	Stand-up	V:  #Main Stage
	10:30 - 12:30	Practical work	V:  #Breakout Room
	12:30 - 13:30	Lunch	
	13:30 - 18:00	Practical Work	V:  #Breakout Room
	18:00 - 19:00	Early dinner	
	19:00 - 20:00	Practical work	V:  #Breakout Room
	20:00 - 21:00	Daily Brief Back	V:  #Main Stage Support:TC

Day #3 - Friday, the 12th of July 2024

2024-07-12		Day #3: Final Day	
	09:00 - 10:00	Practical work	V:  #Breakout Room
	10:00 - 10:30	Stand-up	V:  #Main Stage
	10:30 - 13:00	Practical work	V:  #Breakout Room
	13:00 - 14:00	Lunch	
	14:00 - 15:00	Practical Work	V:  #Breakout Room
	15:00 - 17:00	Demos & Wrap-up	V:  GotoMeet

Feel Free to add more items to the schedule

2022-07-14	Day #3: Final Day		
	05:00 - 07:00 EDT/ 11:00 - 13:00 CEST	Practical work	V:👤 #Breakout Room
	07:00 - 08:00 EDT/ 13:00 - 14:00 CEST	Stand-up & demos	V:🏛️ #Main Stage
	08:00 - 10:30 EDT/ 14:00 - 16:30 CEST	Practical work	V:👤 #Breakout Room
	10:30 - 11:00 EDT/ 16:30 - 17:00 CEST	Issues & concerns	V:🏛️ #Main Stage
	11:00 - 13:30 EDT/ 17:00 - 19:30 CEST	Practical work	V:👤 #Breakout Room
	12:00 - 13:00 EDT/ 18:00 - 19:00 CEST	Working group meeting	V:👤 #Breakout Room
	13:30 - 14:30 EDT/ 19:30 - 20:30 CEST	Demos	V:钲 GotoMeet
	14:30 - 15:30 EDT/ 20:30 - 21:30 CEST	Wrap-up	V:钲 GotoMeet

👉 Example from a previous schedule

👉 <https://github.com/opengeospatial/developer-events/wiki/July-2024-Open-Standards-Code-Sprint#schedule>

Missed a session?

- Slides will be uploaded to GitHub.
- There will be a video recording of the demo session.
- There will be audio recordings for all the other sessions at the #Main Stage.

More Information

GitHub repo:

<https://github.com/opengeospatial/developer-events/>

Folder ➡️ 2024/Open-Standards-Code-Sprint

Wiki page:

<https://github.com/opengeospatial/developer-events/wiki/July-2024-Open-Standards-Code-Sprint>

Developer website:

<https://developer.ogc.org/>

Hashtags: #CODESPRINT24 #OGCAPI 

#133

github.com/opengeospatial/developer-events/issues/133

OGC Imported events FOSS4G 2022 | R...

Open What is everybody going to be working on, at the July 2024 Open Standards Sprint? #133
doublebyte1 opened this issue on Apr 30 · 14 comments

photonbit commented 2 weeks ago

Hello! I am not currently working on any initiative, but I will be coming to the sprint in person. Is any of the tracks / teams / projects more in the need of counting with an extra pair of hands + brain? If so, I can get up to speed before the sprint 📚

...

cportele commented last week

Member ...

@pvretano and @cportele will update their servers to align with the current drafts of OGC API Features Part 6 to 9. This includes the documentation and examples for each server on GitHub. Participation will be remote.

...

chris-little commented last week · edited

Member ...

I am not planning to do much/any coding, but hope to be on hand to advise and help anyone working with the [OGC API-EDR Part 1: Core](#), whether on the client or server sides, or the recently approved [Part 2: Publish and Subscribe Workflows](#). I will also listen for suggestions, corrections and improvements for future versions, especially around metadata fragments and 'building blocks'.

...

Notifications Custom:

Unsubscribe

You're receiving notifications because you were mentioned.

13 participants

Lock conversation

Pin issue ⓘ

Transfer issue

...

...



Thank You

Community

500+ International Members
110+ Member Meetings
60+ Alliance and Liaison partners
50+ Standards Working Groups
45+ Domain Working Groups
25+ Years of Not for Profit Work
10+ Regional and Country Forums

Innovation

120+ Innovation Initiatives
380+ Technical reports
Quarterly Tech Trends monitoring

Standards

65+ Adopted Standards
300+ products with 1000+ certified implementations
1,700,000+ Operational Data Sets
Using OGC Standards



Questions?



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