**OGC GeoDCAT SWG**  
  
October 24, 2024 . 8:51 PM . ID: 791037533 **Transcript**

00:01 - 00:04 **[speaker unknown]**  
This conference will now be recorded.

00:06 - 00:06 **Byron Cochrane**  
Okay.

00:06 - 00:09 **Byron Cochrane**  
I'll get my screen share.

00:18 - 00:19 **Byron Cochrane**  
That one?

00:21 - 00:21 **Byron Cochrane**  
Yeah.

00:30 - 00:32 **Byron Cochrane**  
Get into presentation mode here.

00:34 - 00:34 **Byron Cochrane**  
There.

00:35 - 00:36 **Byron Cochrane**  
So you see the slides?

00:36 - 00:37 **Byron Cochrane**  
Yeah.

00:37 - 00:38 **Byron Cochrane**  
Yeah.

00:38 - 00:39 **Byron Cochrane**  
Let's see it there too.

00:39 - 00:39 **Byron Cochrane**  
Okay, cool.

00:41 - 00:42 **Byron Cochrane**  
So jumping forward here.

00:46 - 00:47 **Byron Cochrane**  
Come on, jump forward.

00:48 - 00:49 **Byron Cochrane**  
What?

00:56 - 00:56 **[speaker unknown]**  
Okay.

00:57 - 00:59 **Byron Cochrane**  
It won't give me focus.

01:02 - 01:04 **Byron Cochrane**  
It's going to be like that, will it?

01:10 - 01:12 **Byron Cochrane**  
It's a little bit different way, then.

01:16 - 01:18 **Gobe Hobona (OGC)**  
It was fine before.

01:19 - 01:21 **Byron Cochrane**  
Yeah, it just wouldn't let me advance.

01:22 - 01:23 **Gobe Hobona (OGC)**  
All right.

01:29 - 01:31 **Gobe Hobona (OGC)**  
Even with the cursor keys.

01:32 - 01:34 **Byron Cochrane**  
Yeah, no, not even with the cursor keys.

01:35 - 01:38 **Byron Cochrane**  
It was working fine before I was in go to meeting.

01:41 - 01:45 **Gobe Hobona (OGC)**  
So, maybe if you just expand the window to as.

01:45 - 01:46 **Byron Cochrane**  
Large.

01:46 - 01:47 **Gobe Hobona (OGC)**  
A.

01:47 - 01:47 **Byron Cochrane**  
Size as.

01:47 - 01:48 **Gobe Hobona (OGC)**  
Possible and.

01:48 - 01:49 **Byron Cochrane**  
Just...

01:49 - 01:59 **Byron Cochrane**  
That'll actually be probably a little better because maybe I have to stop sharing, expand and then come back because it won't even let me expand it right now.

02:01 - 02:03 **Byron Cochrane**  
So stop sharing for a moment.

02:04 - 02:05 **Byron Cochrane**  
Okay.

02:21 - 02:22 **[speaker unknown]**  
Okay.

02:28 - 02:32 **Byron Cochrane**  
Hopefully we're past these technical difficulties now.

02:34 - 02:34 **Byron Cochrane**  
There we go.

02:35 - 02:39 **Byron Cochrane**  
So first of all, just wanted to go through, we got a couple more people on.

02:40 - 02:41 **Byron Cochrane**  
Peter Vitronis, cool.

02:43 - 02:45 **Byron Cochrane**  
So, who else was new?

02:45 - 02:45 **Byron Cochrane**  
Okay.

02:46 - 03:25 **Byron Cochrane**  
First of all, I just wanted to welcome everyone here for this pre-event for the OGC metadata code sprint where the goal here is to just kind of get us prepped up in line for what we want to work on in the during the code sprint and just go through a few things just some logistical stuff and because it's as we're doing this as a combined virtual and in person from opposite sides of the world there's a few challenges there so just wanted to make sure everyone kind of knew what was going on and how we and work it i have some proposals i'm open to change through any of this right now.

03:25 - 03:31 **Byron Cochrane**  
We got, what, one, two, almost four weeks or is it four weeks until it starts?

03:32 - 03:34 **Byron Cochrane**  
Just under four weeks until it starts.

03:34 - 03:42 **Byron Cochrane**  
So that's some time to kind of do a few things and we've got the sole meeting where some more discussions can be had.

03:42 - 03:48 **Byron Cochrane**  
I believe Danny will be there so people that are involved are online that we can talk about some other things.

03:49 - 03:51 **Byron Cochrane**  
So anyway, welcome everyone.

03:51 - 04:04 **Byron Cochrane**  
And I guess for the sake of time, I would thought that maybe we'd go through everyone, but I'm not sure that's really that necessary and maybe a bit of a time waster.

04:04 - 04:13 **Byron Cochrane**  
Although we could quickly and say, perhaps the primary interests in the code sprint, where you're from in the primary interests of a code sprint.

04:14 - 04:17 **Byron Cochrane**  
So I'll start with the order of people on my screen.

04:17 - 04:19 **Byron Cochrane**  
And so I'll start with Rob.

04:21 - 04:22 **Rob**  
I'm Rob Atkinson.

04:22 - 04:22 **Rob**  
I'm.

04:22 - 04:42 **Rob**  
With the COSI, the Collaborative Solutions and Innovation team in OGC, and I'm supporting the Code Sprint, but I have a particular focus on looking at some of the next generation of specification development approaches, improving the methodology there.

04:43 - 04:46 **Rob**  
And the building block approach.

04:46 - 05:08 **Rob**  
I've been supporting the geodecap work, and I'm also the potential co-chair of the Spatial Data and the Web Working Group, which is a joint working group between OTC and W3C, and so we're hoping that by progressing some of these metadata standards, we can push some more of the OTC spatial stuff up into the W3C world around DCAP.

05:10 - 05:11 **[speaker unknown]**  
Matt?

05:12 - 05:41 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Yeah, I'm Matthew Perce, Pangea Innovations, I guess my primary interest in this code sprint is related to the work I've been doing with Rob around semantically enabling our 3D DGGS discrete level grid system infrastructure to tackle workflow provenance and naturally.

05:41 - 05:49 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Yeah, sort of metadata and the schemas around that are quite important for that.

05:51 - 05:52 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Hello.

05:55 - 06:18 **Simeon Wetzel (TU Dresden)**  
My name is Simian, I'm from TU Dresden, and I'm interested in extending tools that evaluate the geospatial metadata within real-world catalogs or data repositories.

06:18 - 06:36 **Simeon Wetzel (TU Dresden)**  
And having this extension, it is possible to push our implementations back to existing catalogues that we use in our projects and within other European initiatives.

06:38 - 06:39 **Simeon Wetzel (TU Dresden)**  
Thank you.

06:39 - 06:40 **Simeon Wetzel (TU Dresden)**  
Gobi?

06:43 - 06:43 **Gobe Hobona (OGC)**  
Hi, everyone.

06:44 - 06:50 **Gobe Hobona (OGC)**  
So, my name is Gobi Waupana, I work for the OGC and I'll be facilitating where possible.

06:50 - 07:05 **Gobe Hobona (OGC)**  
But my additional interest in the code sprint is that I'll soon be starting a project that will be looking at compliance testing for metadata.

07:06 - 07:20 **Gobe Hobona (OGC)**  
So we want to make sure that that particular project is future-proofed for some of the that are going to be prototyped during the course sprint.

07:20 - 07:21 **Gobe Hobona (OGC)**  
Thank you.

07:23 - 07:23 **Gobe Hobona (OGC)**  
Thanks.

07:28 - 07:29 **Christin Henzen (TU Dresden, NFDI4Earth)**  
My name is Christine.

07:31 - 07:35 **Christin Henzen (TU Dresden, NFDI4Earth)**  
I'm here together with my colleagues, Simeon and Tom from the TU Dresden.

07:35 - 07:41 **Christin Henzen (TU Dresden, NFDI4Earth)**  
I'm also interested in evaluating the failures of geodecal elements for several.

07:41 - 07:42 **Christin Henzen (TU Dresden, NFDI4Earth)**  
Repositories.

07:42 - 07:45 **Christin Henzen (TU Dresden, NFDI4Earth)**  
And of course, as we won several bigger projects.

07:45 - 07:57 **Christin Henzen (TU Dresden, NFDI4Earth)**  
Here, We are interested in learning about the different mappings to OTC standards and the extensions that we could potentially reuse in our services.

08:00 - 08:01 **Byron Cochrane**  
Jan, or is it Jan?

08:02 - 08:51 **Jan van Zadelhoff - con terra**  
Yeah, I'm Jan from Contera and I guess our interest is in that we have worked with GeoDecatAP mostly in the European context and we want to see where this goes and we have just put proposal into the Github issue and we would like to have a look at the OGC API records and how to create some example of how that could look with you Digant.

08:57 - 09:13 **Antje Kügeler (con terra)**  
Yes, I'm Jan's colleague from Contera, and yes, we've been asked to represent the European data portal, data.europa.eu, in basically all the GeoDKAT and GeoDKAT AP discussions.

09:14 - 09:23 **Antje Kügeler (con terra)**  
And yeah, we are basically interested to see what the main differences are between GeoDKAT and what we already know, the GeoDKat AP.

09:24 - 09:29 **Antje Kügeler (con terra)**  
And as Jan just mentioned, we just put a proposal into the GitHub.

09:31 - 09:36 **Antje Kügeler (con terra)**  
On implementing a prototype with a GeoDKat.

09:39 - 09:41 **Antje Kügeler (con terra)**  
And OTC API records.

09:42 - 09:45 **Antje Kügeler (con terra)**  
So it'd be great to get your input on that.

09:46 - 09:46 **Antje Kügeler (con terra)**  
Thanks.

09:47 - 09:48 **Antje Kügeler (con terra)**  
Peter?

09:48 - 09:49 **Antje Kügeler (con terra)**  
Parsle?

09:52 - 09:54 **Peter Parslow**  
Peter Parsle here, on survey.

09:54 - 09:56 **Peter Parslow**  
In Great Britain.

09:57 - 10:04 **Peter Parslow**  
So most of my experience being on the, with the Inspire metadata, so the old version of ISO 1.1.1.5.

10:05 - 10:19 **Peter Parslow**  
But, so mostly coming from that camp in terms of experience, the main interest going forward is that I've offered next year to lead a project in ISO to formalize mapping from 191.15 to DCAT.

10:20 - 10:32 **Peter Parslow**  
I see that because I think in Europe, I expect we'll step straight from the old 191.15 to DCAT as the metadata we're all expected to deliver, at least as public sector people.

10:34 - 10:34 **[speaker unknown]**  
Niels?

10:36 - 10:37 **Niels Hoffmann (Geonovum)**  
Yeah, hi, Niels Hoffmann.

10:37 - 10:41 **Niels Hoffmann (Geonovum)**  
I recently joined GeoNovum as standards advisor.

10:41 - 10:54 **Niels Hoffmann (Geonovum)**  
So I'm working on the Dutch DCAT application profile, looking into the delivery of our metadata to GeoDCAT AP for the high value data sets in Europe.

10:55 - 11:10 **Niels Hoffmann (Geonovum)**  
So very interested in the transformation from ISO 115 to GeoDCAT and approaches to that, possibly looking at RML as a transformation engine for that.

11:10 - 11:34 **Niels Hoffmann (Geonovum)**  
And I'm also very interested in the OGC API records integration for the work we're doing with the Dutch digital twin architecture, where we want to document data sets as well as processes in the various catalogs.

11:40 - 11:40 **[speaker unknown]**  
Thanks.

11:41 - 11:44 **Tom Niers**  
Hi, my name is Tom and I'm working at TU Dresden.

11:45 - 11:48 **Tom Niers**  
I'm looking forward to learn more about OGC.

11:48 - 11:59 **Tom Niers**  
Standards, especially the GODCAD and how to evaluate fairness with these standards and also trying to integrate these standards in our services.

12:02 - 12:02 **[speaker unknown]**  
Yui?

12:15 - 12:15 **[speaker unknown]**  
Yui?

12:16 - 12:16 **Byron Cochrane**  
You there?

12:19 - 12:20 **Byron Cochrane**  
We'll move on then.

12:21 - 12:21 **Byron Cochrane**  
Peter Pachanos.

12:30 - 12:32 **Byron Cochrane**  
Peter, are you awake?

12:38 - 12:39 **Byron Cochrane**  
Some quiet ones there.

12:39 - 12:41 **Byron Cochrane**  
Hopefully we'll get some of Peter's input later.

12:41 - 12:44 **Byron Cochrane**  
He's the, or I am, see previous message.

12:44 - 12:46 **Byron Cochrane**  
Okay, he's got a comment there.

12:46 - 12:49 **Byron Cochrane**  
Something in the comments.

12:56 - 12:58 **Byron Cochrane**  
Can't talk because everyone is.

12:58 - 12:58 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Sleeping.

12:59 - 13:06 **Byron Cochrane**  
My primary interest is in exploring relationship of Geo DCAT to OGC API records with respect of search and crawl.

13:07 - 13:11 **Byron Cochrane**  
I think most of this work is extending the basic record scheme with Geo DCAT elements.

13:11 - 13:17 **Byron Cochrane**  
I hope to stand up a records server with Geo DCAT metadata.

13:18 - 13:18 **Byron Cochrane**  
Nice.

13:19 - 13:20 **Byron Cochrane**  
Florian.

13:22 - 13:23 **Florent Gravin (Camptocamp)**  
Yes, hi.

13:24 - 13:37 **Florent Gravin (Camptocamp)**  
I work at Camp2Camp and we contribute to Geo Network And I'm also a part of OGC records group and the French government is trying to establish a model as well.

13:38 - 13:58 **Florent Gravin (Camptocamp)**  
So for all these reasons, I would like to understand and find a synergy between all the formats, how to represent the best with the metadata and how to make it interoperable between ISO formats, Geo DCAT format, DCAT, OGC API records, and so on.

13:59 - 14:00 **Florent Gravin (Camptocamp)**  
Thank you.

14:01 - 14:01 **Florent Gravin (Camptocamp)**  
Surya?

14:07 - 14:08 **Siriya S.**  
Hi.

14:08 - 14:08 **Siriya S.**  
Hello.

14:09 - 14:10 **Siriya S.**  
My name is Surya.

14:10 - 14:13 **Siriya S.**  
I'm from Malaris Maps platform from Thailand.

14:15 - 14:24 **Siriya S.**  
I'm interested in the Stack API and how it will integrate with the OGC API standards.

14:24 - 14:35 **Siriya S.**  
And I'm also interested in OGC API records too and other standards that may related to the cataloging the data.

14:36 - 14:37 **Siriya S.**  
Yeah, yeah, thank you.

14:37 - 14:38 **Byron Cochrane**  
Thank you.

14:38 - 14:38 **Byron Cochrane**  
And Marie.

14:42 - 14:43 **[speaker unknown]**  
Hello everybody.

14:46 - 14:47 **Marie Lambois IGN**  
So Marie-Nambo from France.

14:47 - 14:51 **Marie Lambois IGN**  
So I'm interested in this work for two reasons.

14:51 - 15:00 **Marie Lambois IGN**  
The first one is as Florian mentioned before, nationally in France we are trying to migrate to D-CAT models from the ISO ones.

15:01 - 15:02 **Marie Lambois IGN**  
So that's the first point of interest.

15:03 - 15:11 **Marie Lambois IGN**  
And I've also the 60-week metadata panel chair and the defense geospatial working group.

15:11 - 15:12 **Marie Lambois IGN**  
We are also.

15:15 - 15:18 **Marie Lambois IGN**  
Starting to look at other encodings.

15:18 - 15:20 **Marie Lambois IGN**  
We are currently using the ISO-XML ones.

15:21 - 15:26 **Marie Lambois IGN**  
And so, for this reason, I'm so interested in the tools that you developed and seen.

15:28 - 15:29 **[speaker unknown]**  
Thank you.

15:30 - 15:30 **[speaker unknown]**  
Alejandro.

15:33 - 15:36 **Alejandro Villar**  
Hi, I'm Alejandro Villar.

15:36 - 15:38 **Alejandro Villar**  
I work at OGC.

15:39 - 15:53 **Alejandro Villar**  
And naturally, I'm interested in the relationships between GeoDKAT, OGC API records, and stack, and especially in the context of the OGC building blocks that we are developing.

15:55 - 15:56 **Byron Cochrane**  
Thank you.

15:56 - 15:58 **Byron Cochrane**  
And Chris Boddy, I think it is.

16:01 - 16:02 **Chris**  
Hello, everyone.

16:03 - 16:04 **Chris**  
Chris Boddy.

16:04 - 16:13 **Chris**  
Yeah, ISO TC211 liaison and also OGC's point of contact within Australia and New Zealand.

16:13 - 16:14 **Chris**  
Thank you.

16:16 - 16:16 **Chris**  
Uwe?

16:19 - 16:20 **Byron Cochrane**  
Try Uwe again.

16:25 - 16:26 **Byron Cochrane**  
All right, Chris.

16:26 - 16:26 **Antje Kügeler (con terra)**  
A little bit.

16:26 - 16:28 **Antje Kügeler (con terra)**  
Uwe is also with Contera.

16:28 - 16:29 **Antje Kügeler (con terra)**  
Let me just jump in.

16:30 - 16:32 **Antje Kügeler (con terra)**  
Seems like he has a problem with his microphone.

16:32 - 16:35 **Antje Kügeler (con terra)**  
So, yeah, he's.

16:35 - 16:35 **Byron Cochrane**  
Just.

16:35 - 16:38 **Antje Kügeler (con terra)**  
Writing that this microphone seems not to work.

16:38 - 16:47 **Antje Kügeler (con terra)**  
So he has a lot of experience with the ISO metadata and CSW and so forth.

16:47 - 16:52 **Antje Kügeler (con terra)**  
And he's also interested in the OGC API records as.

16:53 - 16:54 **Byron Cochrane**  
Well.

16:54 - 16:54 **Antje Kügeler (con terra)**  
Thank you.

16:54 - 16:56 **Antje Kügeler (con terra)**  
Hope I got it right.

16:58 - 17:00 **Byron Cochrane**  
I'm sure he'll correct us if it was wrong.

17:01 - 17:02 **Byron Cochrane**  
Chris Little.

17:09 - 17:11 **Byron Cochrane**  
Chris, are you there?

17:11 - 17:12 **Byron Cochrane**  
Your microphone's muted.

17:15 - 17:17 **Chris Little (Met Office)**  
Yes, OK, it's Chris Little.

17:17 - 17:31 **Chris Little (Met Office)**  
I'm chair of the Metocean Domain Working Group and the EDR API SWIG, Standard Working Group, interested in metadata for, well, the EDR API is really taking off in the way that we better re-intended.

17:32 - 17:38 **Chris Little (Met Office)**  
It's been a lot of international pilots with the meteorological community through WMO.

17:38 - 17:42 **Chris Little (Met Office)**  
It's been tried in South America and South Africa, Southern Africa.

17:48 - 17:51 **Chris Little (Met Office)**  
And other places, and it's going to be a...

17:56 - 17:58 **Byron Cochrane**  
You're cutting out there.

18:03 - 18:03 **[speaker unknown]**  
Chris.

18:06 - 18:08 **Byron Cochrane**  
Okay, so you've just disconnected.

18:11 - 18:12 **Byron Cochrane**  
You're back, Chris?

18:13 - 18:17 **Chris Little (Met Office)**  
Yeah, I'm back, but you know it's gone.

18:20 - 18:26 **Chris Little (Met Office)**  
Which is really used to having big catalogs and people all around the being able to find the data.

18:27 - 18:30 **Chris Little (Met Office)**  
And for some of it is safety critical, very fast.

18:31 - 18:36 **Chris Little (Met Office)**  
You do not want to spend more than two seconds getting your tsunami warning messages across the globe.

18:37 - 18:45 **Chris Little (Met Office)**  
So we're very interested in discovery, search, metadata, all those, the whole of that.

18:45 - 19:00 **Chris Little (Met Office)**  
And exactly as Alexandra said, it's catalogs, it's ISO 19105, it's Geo DCAT, It's stack, it's all of those mess of things and we want it to be working.

19:01 - 19:14 **Chris Little (Met Office)**  
And we also see that as the keen, as people are very keen to get APIs out the door, just doing their sort of JSON parameters or whatever you wanna call them, attributes, properties.

19:16 - 19:24 **Chris Little (Met Office)**  
And there's, at that small scale, you can see there's a lot of non-interoperability being built in.

19:24 - 19:25 **Chris Little (Met Office)**  
That's where I'm coming.

19:27 - 19:27 **Chris Little (Met Office)**  
Excellent.

19:29 - 19:34 **Byron Cochrane**  
Ok, so moving on, I want to try to spend as much as we can on looking at the proposals and such.

19:34 - 19:38 **Byron Cochrane**  
But I have a few things I want to go through a bit first.

19:38 - 19:42 **Byron Cochrane**  
And the first is a status update, just kind of review some things.

19:42 - 19:46 **Byron Cochrane**  
So we have a venue already arranged, all set to go.

19:47 - 19:50 **Byron Cochrane**  
I'll kind of get into that a little bit later, just a little bit.

19:50 - 19:52 **Byron Cochrane**  
The press release has it.

19:52 - 20:02 **Byron Cochrane**  
That's at University of New South Wales are in this, our hosts there to provide us a space and facilities and support that way.

20:02 - 20:04 **Byron Cochrane**  
It's all good there supporting that.

20:04 - 20:11 **Byron Cochrane**  
And they're also gonna be providing a couple of use cases is my understanding, but I don't think we have those yet.

20:11 - 20:17 **Byron Cochrane**  
We have a press release, you've probably likely seen that from Gobi got that together and from us.

20:17 - 20:21 **Byron Cochrane**  
So that's out there with the registration information and such.

20:22 - 20:24 **Byron Cochrane**  
And we've got online support for that.

20:24 - 20:26 **Byron Cochrane**  
Gobi's here to help us with that.

20:27 - 20:39 **Byron Cochrane**  
And GitHub repo, this is inside our existing godcat, is where we decided to put it for ease and so it doesn't get forgotten largely.

20:39 - 20:51 **Byron Cochrane**  
We could have set up a standalone repo for this code sprint, but it seemed probably easier to make sure it persists and such but was in a more active, continually active repo.

20:52 - 20:57 **Byron Cochrane**  
So that can change if we want to do that later, but that's where it is for now.

20:57 - 21:01 **Byron Cochrane**  
It includes the challenges and use cases and such right now.

21:02 - 21:15 **Byron Cochrane**  
Registration system is up and going, and it sounds like we have like 20 people there now, and at least registered, and the virtual channels are basically up.

21:15 - 21:19 **Byron Cochrane**  
Discord will probably need a little more help for getting people on.

21:19 - 21:22 **Byron Cochrane**  
But other than that, I think we're all good to go.

21:22 - 21:24 **Byron Cochrane**  
And did I see a hand up from Rob?

21:31 - 21:32 **Byron Cochrane**  
Hello, Rob.

21:35 - 21:35 **[speaker unknown]**  
Sorry.

21:36 - 21:52 **Rob**  
It is one other thing, which in terms of repos, we can also potentially take pull requests through the Geo DCAT building blocks repo so people can fork the existing building block ones and play with it and then submit pull requests.

21:53 - 22:03 **Rob**  
That way we get a bit of trace back to where they came from And also we can start assimilating them in the sort of machine readable resources part of the space.

22:05 - 22:14 **Byron Cochrane**  
I do expect that as some of the use cases and challenges will have some of their own repos supporting their own software and such.

22:15 - 22:17 **Byron Cochrane**  
So that could be quite likely.

22:17 - 22:23 **Byron Cochrane**  
All right, so moving on to basically our logistics of the timing and scheduling of things.

22:23 - 22:30 **Byron Cochrane**  
So this is proposed to run locally from Sydney time from 8 a.m.

22:30 - 22:31 **Byron Cochrane**  
To 6 p.m.

22:31 - 22:33 **Byron Cochrane**  
For two days, Monday and Tuesday.

22:33 - 22:42 **Byron Cochrane**  
That's gonna cause a few issues with the virtual, which will be largely European based, it appears.

22:42 - 22:45 **Byron Cochrane**  
So we're gonna be kind of opposite time.

22:45 - 22:50 **Byron Cochrane**  
So connecting those up and I'll go through what I have proposed right now to how to make that work.

22:50 - 23:02 **Byron Cochrane**  
But first of all, so we'll have a number of presentations at the beginning just to kind of orient ourselves and the kind of lay of the land and what we've done so far, that sort of stuff.

23:03 - 23:06 **Byron Cochrane**  
I'll go over a little bit of that in just a moment.

23:07 - 23:12 **Byron Cochrane**  
And then the rest of the morning will be presenting the proposals and final team formations.

23:14 - 23:19 **Byron Cochrane**  
Afternoon will be all about sprint work and close with a presentation of progress.

23:20 - 23:31 **Byron Cochrane**  
So quickly before I go on to what the next day is going to be, these are some of the intro presentations for the Phosphor G Oceania.

23:31 - 23:46 **Byron Cochrane**  
In two weeks time, I'm giving a presentation that I want to represent here and refashion way a little bit, but it's basically something that was spurred by a comment in the stack when it was adopted as a community standard.

23:46 - 23:49 **Byron Cochrane**  
To mentioning the stack wants to play nice.

23:49 - 24:05 **Byron Cochrane**  
So this is essentially a landscape of the various metadata standards that people are mostly interested in, their niches and where they're most appropriate and how they can or difficulties of not working together.

24:05 - 24:08 **Byron Cochrane**  
So that's just gonna be quick overview.

24:08 - 24:17 **Byron Cochrane**  
I imagine if we have about five or six presentations, this will probably last for about an hour and a half after the welcomes of them before morning tea.

24:19 - 24:28 **Byron Cochrane**  
I'm hoping I can get Danny to, he's been wanting to put together a review of current GeoDKAT implementations and their status.

24:30 - 24:40 **Byron Cochrane**  
There's some about registries that I would really like to have at the management and use of registries in metadata is very important.

24:40 - 24:43 **Byron Cochrane**  
I think some of people have mentioned that in here.

24:43 - 24:47 **Byron Cochrane**  
So I was hoping to get Nick Carr to do that.

24:47 - 24:55 **Byron Cochrane**  
I haven't had a confirmation from him yet, but I'll keep on trying to poke him and see if I can get him to say yes to that.

24:55 - 24:58 **Byron Cochrane**  
Otherwise, I'll look for someone else to do that presentation.

24:58 - 25:01 **Byron Cochrane**  
Maybe people here have some suggestions.

25:02 - 25:08 **Byron Cochrane**  
And I know that Rob is really excited to get some of this building block stuff going.

25:08 - 25:15 **Byron Cochrane**  
And I think this will be really some of the core stuff for how we proceed on these issues.

25:16 - 25:20 **Byron Cochrane**  
So a review of building blocks will be likely in the morning presentations.

25:20 - 25:26 **Byron Cochrane**  
All this is up for review and changes as we want to do as a group.

25:26 - 25:29 **Byron Cochrane**  
It is a code sprint after all, so the members drive it.

25:30 - 25:42 **Byron Cochrane**  
And then finally, another not really quite like a code sprint item, but an open discussion on the proposed 19115-1 review.

25:44 - 25:45 **Byron Cochrane**  
And do we want to review?

25:46 - 25:48 **Byron Cochrane**  
And if we do, what do we want out of it?

25:48 - 25:50 **Byron Cochrane**  
Peter was going to lead that.

25:51 - 25:56 **Byron Cochrane**  
And that would probably round out that first section in the morning.

25:56 - 26:06 **Byron Cochrane**  
This last one might spill over into the next one, I'm afraid, because it could be a fairly in-depth discussion that might need more than 20 minutes, half hour.

26:06 - 26:09 **Byron Cochrane**  
But we can adjust that as we need to there.

26:11 - 26:17 **Byron Cochrane**  
So, and then, as I said, following that, we'll have the proposals, which I'll review, we'll review in just a moment.

26:19 - 26:26 **Byron Cochrane**  
The second day, same timing, and so it's pretty straightforward with the elements.

26:27 - 26:32 **Byron Cochrane**  
Start off with a presentation of progress and then work on sprints and present the results.

26:33 - 26:44 **Byron Cochrane**  
But it will get a little more complicated when I get into that what is gonna happen with the online version, which this kind of shows what we're up against.

26:47 - 26:49 **Byron Cochrane**  
So an 8 a.m.

26:50 - 26:53 **Byron Cochrane**  
In Sydney is like 4 p.m.

26:53 - 26:54 **Byron Cochrane**  
In Boston, 9 p.m.

26:54 - 26:56 **Byron Cochrane**  
In London and 10 p.m.

26:56 - 26:57 **Byron Cochrane**  
In Brussels.

26:57 - 27:04 **Byron Cochrane**  
So lighting these things up, we're just starting well while Europe's asleep, so.

27:04 - 27:08 **Byron Cochrane**  
And if we're starting on Monday at 8 a.m., that means that's a Sunday night.

27:08 - 27:15 **Byron Cochrane**  
So I don't expect too many Europeans to be participating in that early.

27:16 - 27:24 **Byron Cochrane**  
My plan is to have things open so people can log in if they want, but it won't really be necessary.

27:24 - 27:32 **Byron Cochrane**  
What we'll have is kind of a separate track for the other code sprint.

27:33 - 27:36 **Byron Cochrane**  
And this is still, this is the part that's most in flux.

27:36 - 27:39 **Byron Cochrane**  
So I have it starting at seven UTC.

27:39 - 27:51 **Byron Cochrane**  
It might be that we actually start a half hour earlier because for the presentations of results for the day, we could then have the online people join us.

27:51 - 27:55 **Byron Cochrane**  
So I didn't change that here, but I did on the other one.

27:55 - 27:57 **Byron Cochrane**  
So that'd be more like 630.

27:57 - 28:06 **Byron Cochrane**  
Have another slot in here, which I have here, Like 630 to seven would be presentations of in-person results of the online people.

28:06 - 28:09 **Byron Cochrane**  
If they want to, they can get on and see.

28:09 - 28:19 **Byron Cochrane**  
That's fairly early because 530 here would be like, oh, that's PM.

28:20 - 28:23 **Byron Cochrane**  
530 would be, oh, it's not too bad.

28:23 - 28:30 **Byron Cochrane**  
530 would be like a 730 in Brussels and 630 in London.

28:30 - 28:34 **Byron Cochrane**  
If you're in North America, that gets to be a little more of a problem.

28:34 - 28:36 **Byron Cochrane**  
That's like 1.30 a.m.

28:36 - 28:37 **Byron Cochrane**  
Sorry about that, Peter.

28:39 - 28:42 **Byron Cochrane**  
But yeah, it's hard to make this work for everyone around the world.

28:43 - 28:51 **Byron Cochrane**  
We're limited in Sydney with when we can have availability of the classrooms and such for us to work.

28:53 - 28:57 **Byron Cochrane**  
So that's essentially how I have it lined up.

29:00 - 29:09 **Byron Cochrane**  
And the only other detail here really is Wednesday morning for local.

29:10 - 29:19 **Byron Cochrane**  
That's a bit at the end is that the Europeans will end quite a bit later than what the codes print on Tuesday in Sydney will.

29:19 - 29:22 **Byron Cochrane**  
So at 6 a.m.

29:22 - 29:43 **Byron Cochrane**  
In Sydney, I'm thinking can have a early morning, get on the computer just totally online and review results of the remote attendees as well as bring together whatever from the previous day with the in-person results.

29:44 - 29:58 **Byron Cochrane**  
So that's as far as I've got on the kind of the timing and that's a good place probably to pause and get some input if anyone has any thoughts about how we might do this even better?

30:09 - 30:28 **Rob**  
I might just say that one of the things which me and Alejandro covering Australia and European time zones will try to do is we'll support the process of getting this sort of continuous integration and testing, which is fundamental to the building block design.

30:28 - 30:44 **Rob**  
That's really one of the main strengths of that approach is that we should be able to very incrementally start adding examples and start testing bits of it and start mapping parts of the schema and we can do just continuous integration and testing.

30:45 - 31:06 **Rob**  
It should be very easy to stop and someone else take over and review and then add a bit more and then because it can all be done in people's separate forks or whatever it is if they want to try something, you know, while they can do their own space and show it to people and then we can decide if we want to suck it up into the main thread.

31:06 - 31:23 **Rob**  
So I think we can do a fair bit of management of incremental testing and progress using that handing over between the time zones, but no it'd be useful if people are thinking that well actually there'll be stuff to review and then carry on with.

31:25 - 31:28 **Byron Cochrane**  
Cool, that sounds like an excellent idea to me.

31:29 - 31:30 **Byron Cochrane**  
Any other comments on the timing?

31:35 - 31:42 **Peter Parslow**  
Yeah, with the input to the 19115 project, as I say, it's not really a code thing, it's a discussion thing.

31:43 - 31:51 **Peter Parslow**  
So that very likely the week before this code sprint, TC 211 will vote to start a revision project.

31:51 - 32:00 **Peter Parslow**  
So this is a chance just to get the input as to what that should be, particularly in the 19115 DCAT mapping area.

32:00 - 32:10 **Peter Parslow**  
Do we to be normative from ISO or just or what and is it an application profile of 115 and those sorts of things.

32:10 - 32:31 **Peter Parslow**  
So I think probably I'd give an initial presentation and be basically open to any ideas and feedback by any channel so that runs asynchronously on GitHub or Discord and I just collate things and if a group of people want to have a breakout to argue about some point of that then we can presumably arrange that again.

32:31 - 32:39 **Peter Parslow**  
Either in asynchronously as a GitHub issue that people chip into or as a Discord side room, whatever they call them.

32:40 - 32:55 **Peter Parslow**  
But so I wasn't, rather than it being that you've got everybody in the room having a discussion, unless everybody who's in the room wants to join the side room, of course, but I suspect it'll just be small groups who have opinions and experience around this space.

32:56 - 33:02 **Peter Parslow**  
And even if they're just saying, well, take account of what we've done in the Netherlands or what we've done at my university or whatever.

33:05 - 33:18 **Peter Parslow**  
So, it's sort of parallel, slightly different from a code sprint because it's thinking and providing the steer from the OGC community to a project that TC211 will then run.

33:19 - 33:24 **Peter Parslow**  
It's always open to anybody can be nominated by OGC to join the project, but that's a separate question.

33:24 - 33:26 **Peter Parslow**  
I can describe how that happens briefly.

33:30 - 33:30 **Rob**  
Excellent.

33:30 - 33:30 **Byron Cochrane**  
Can I.

33:30 - 33:32 **Rob**  
Make a suggestion, Byron, that when.

33:32 - 33:32 **Peter Parslow**  
We.

33:32 - 33:32 **Rob**  
Do.

33:32 - 33:33 **Peter Parslow**  
Presentations.

33:33 - 33:39 **Rob**  
We capture the recordings of them individually so you don't have to know what's 18 hours to find the middle bit.

33:39 - 33:40 **Rob**  
We just.

33:40 - 33:40 **Byron Cochrane**  
Basically.

33:40 - 33:42 **Rob**  
Publish a series of discrete recordings.

33:43 - 33:44 **Byron Cochrane**  
Yeah, I was thinking about that.

33:44 - 34:11 **Byron Cochrane**  
Thank you for reminding me about that because what I kind of thought, particularly for the online people, if we could record them as individual presentations so they can be posted in the repo so they can view them at their leisure in getting into the Codesprint if they have concerns or interests in any of them to guide them in their Codesprint work.

34:11 - 34:14 **Byron Cochrane**  
Then that would be the best way, I think, to do that.

34:15 - 34:24 **Byron Cochrane**  
So fast forward through them or just watch them in detail as people feel the need.

34:25 - 34:34 **Rob**  
One more thing is the possibility of people who are remote want to prepare little videos explaining where they got up to all their issues or what their challenges are.

34:34 - 34:37 **Rob**  
Sometimes they can be easier than trying to read a lot of text.

34:37 - 34:38 **Rob**  
So.

34:38 - 34:38 **Byron Cochrane**  
I.

34:38 - 34:46 **Rob**  
Think we should allow people to submit a little video presentation of their ideas or their thoughts or their challenges that we can then review.

34:49 - 35:09 **Byron Cochrane**  
Yeah, and I'll review how perhaps we can do that in the results presentations and break the recordings up maybe so each presentation can be stored because we'll have the same problem in Sydney that not everyone's going to get up early enough to see all the presentations most likely.

35:09 - 35:17 **Byron Cochrane**  
So we'll want to pull those over and have them where people can look at them individually for each stream.

35:19 - 35:23 **Byron Cochrane**  
So that's kind of figure out how to do that as we get closer to the date, I guess.

35:28 - 35:31 **Byron Cochrane**  
Okay, there's no other comments.

35:31 - 35:34 **Byron Cochrane**  
I'll move on to the next bit on logistics.

35:34 - 35:42 **Byron Cochrane**  
This is just a quick overview of where the code sprint will happen and how you get there basically.

35:43 - 35:48 **Byron Cochrane**  
So I won't be in Sydney for the previous week.

35:48 - 35:51 **Byron Cochrane**  
So I'll just be flying in on Sunday and leaving on Wednesday.

35:52 - 35:53 **Byron Cochrane**  
So I'll be coming from the airport.

35:53 - 35:54 **Byron Cochrane**  
So here's the airport.

35:55 - 36:03 **Byron Cochrane**  
Central Sydney is up here and the university is kind of halfway in between over towards the coast.

36:04 - 36:06 **Byron Cochrane**  
There is a light rail line from the CBD.

36:06 - 36:44 **Byron Cochrane**  
So if you're going for a TC211 and thinking about sticking around and don't want to Sydney rather than somewhere you know less interesting then yeah that works and the way to do it it's not quite as easy to get from the airport to there and in quick fashion because there's not direct light rail line but other than that it's pretty easy as far as I can tell I haven't been there myself so maybe someone who's been there can say if it's how easy it is to get to.

36:48 - 36:51 **Chris**  
Yeah, this is Chris.

36:52 - 37:12 **Chris**  
Yeah, so you get the train from the from the airport down to Central Station and then go out of Central Station and the light rail is right next to you to the right and there and it goes directly to the university.

37:12 - 37:13 **Byron Cochrane**  
So.

37:13 - 37:21 **Chris**  
So it is functionally fairly easy to get to using public transport all.

37:21 - 37:23 **Rob**  
Right I think I think.

37:23 - 37:23 **Byron Cochrane**  
It is.

37:23 - 37:38 **Rob**  
Also and there's actually a cycle way that goes away I mean it's actually not that far anybody's bringing a bicycle but um yeah you might find that it's a minute cab drive or half hour to go in and out of the city.

37:43 - 37:43 **Byron Cochrane**  
All right.

37:43 - 37:46 **Byron Cochrane**  
And we will have a lunch and tea, I understand.

37:46 - 37:49 **Byron Cochrane**  
Is that what Surround is providing for?

37:49 - 37:53 **Rob**  
It's actually Surround and Oren are both going to be collaborating to provide that.

37:53 - 38:02 **Rob**  
So I will make sure there's a range of dietary options available.

38:03 - 38:11 **Rob**  
And I've still yet to go to organize the precise details of talk to Assisi Zasanova today about arranging that.

38:11 - 38:29 **Byron Cochrane**  
And yeah I believe the University will have all the technical things will need and Orin would be supporting us with that so I don't know any other details on the logistics of the place anyone want to have questions about that need to be raised?

38:32 - 38:36 **Gobe Hobona (OGC)**  
Will you have a different slide for logistics for remote participation.

38:36 - 38:59 **Byron Cochrane**  
That's my next slide okay so yeah we have the announcement here and I'll post these slides so people can easily go through these yeah so the announcement came out thank you Gobi and it doesn't seem to let me how do I go to link in this mode open link.

39:04 - 39:19 **Byron Cochrane**  
So yeah if you haven't seen this this is a link and It's got the registration information, link to the GitHub repo for putting stuff in, and then a few, just a little overview of things there.

39:19 - 39:26 **Byron Cochrane**  
So all the basic information is there, and thank yous to the sponsors and everything else.

39:26 - 39:32 **Byron Cochrane**  
So that's kind of a go-to place that you want to find more information.

39:32 - 39:33 **Byron Cochrane**  
The repo.

39:39 - 39:49 **Byron Cochrane**  
Is here for the metadata code sprint, just for where we can put files and information.

39:49 - 39:55 **Byron Cochrane**  
So it's GitHub, so it'll be backed up, findings and such, and go in here, create different folders and such.

39:55 - 40:08 **Byron Cochrane**  
So it's basically just the same information that's here as in the announcement, and we'll just start creating more folders here for information as we collect it.

40:09 - 40:13 **Byron Cochrane**  
Go to meeting link is here and it's the same link that we're using now.

40:13 - 40:23 **Byron Cochrane**  
And then Discord, there's a Discord channel, OGC Events Discord channel is what I believe we're to use and need to get registered on that.

40:24 - 40:47 **Byron Cochrane**  
I'm registered, I don't remember how I did it, so I'm not a good person to ask, but there are instructions if you go to this Discord OGC Advanced Channel, and yeah, or Gobi or others, you know, if John is available, she I think is the one that got me through this when I signed up a couple years ago.

40:49 - 40:56 **Byron Cochrane**  
So yeah, that's, that's our primary logistics for the virtual attendance.

40:56 - 40:59 **Byron Cochrane**  
I feel like I'm overlooking something, but I'm not sure what.

41:01 - 41:13 **Byron Cochrane**  
And I've got a note that the self-registration on Discord from Niels did not seem to work for him, so I might have to get some help.

41:14 - 41:18 **Gobe Hobona (OGC)**  
Yeah, I'll connect Niels with Joanna.

41:18 - 41:21 **Gobe Hobona (OGC)**  
Joanna manages the Discord server.

41:22 - 41:22 **Gobe Hobona (OGC)**  
Okay, cool.

41:23 - 41:25 **Byron Cochrane**  
So I'll have this going then.

41:25 - 41:26 **Byron Cochrane**  
All right.

41:29 - 41:31 **Byron Cochrane**  
Now for the body of this meeting tonight.

41:31 - 41:40 **Byron Cochrane**  
This is the main thing I wanted to get into is we've got, we've been collecting issues and use cases and the issues tracker.

41:43 - 41:46 **Byron Cochrane**  
So proposals and use cases are gathered there.

41:47 - 42:12 **Byron Cochrane**  
What I'm hoping to do here is to have the people who wrote these things, if possible, talk about what they want to do and what the need is to be met, the challenges faced, and then we can gather people to actually think about raising their hand to participate in some of these and consider what pieces.

42:12 - 42:19 **Byron Cochrane**  
Parts, data, tech, whatever it is we may need to help support these code sprints.

42:19 - 42:22 **Byron Cochrane**  
So I go ahead and open this.

42:27 - 42:32 **Byron Cochrane**  
And here we are, we've got quite a few, one of them has quite a bit more in it.

42:32 - 42:40 **Byron Cochrane**  
This one has a multi entry one, but I'll start out with just from the top for ease.

42:42 - 42:44 **Byron Cochrane**  
So this one, this is Rob's.

42:44 - 42:49 **Byron Cochrane**  
Open it up, review, test and recommend approaches to records theme classification.

42:50 - 42:54 **Byron Cochrane**  
So you want to kind of go over what your thoughts are here, Rob?

42:55 - 43:07 **Rob**  
Yeah, so in this particular one, the record schema has a particular approach to saying here's a group of keywords which belong to a particular metadata scheme.

43:09 - 43:15 **Rob**  
And there is an optional URI that you could put, but it's optional.

43:16 - 43:18 **Rob**  
I guess there's a couple of different possibilities.

43:18 - 43:24 **Rob**  
If the user wants to find out what that term means, they somehow have to dereference that scheme.

43:27 - 43:32 **Rob**  
So if the URI doesn't exist, Is it reasonable to use the scheme, for example, as a namespace?

43:33 - 43:46 **Rob**  
I think that the records is not clear exactly what the implementation patterns and the client expectations would be, so this is just a little piece of one of the challenges I see.

43:48 - 44:03 **Rob**  
If we start trying to link to registers of terms, saying what they are, we mentioned to interpret the particular records, elements, as these external things.

44:03 - 44:10 **Rob**  
And if you want to make it link to DCAT, DCAT is going to want to use DCAT theme, which is a URI link directly to the object.

44:10 - 44:13 **Rob**  
So we have somehow have to map those two structures.

44:14 - 44:16 **Rob**  
There's a few different possible ways of doing that.

44:16 - 44:28 **Rob**  
And I thought that maybe that might be something which people might want to look at and decide which ones they want to try building and come up with recommendations and maybe strengthen the guidance and records about best practice.

44:31 - 44:32 **[speaker unknown]**  
Cool.

44:33 - 44:37 **Rob**  
Kind of an esoteric little thing, but it's the sort of thing which hurts in practice.

44:37 - 44:39 **Byron Cochrane**  
Yes, yes, I can see that.

44:39 - 44:45 **Byron Cochrane**  
I'm kind of looking at it from doing this in the code sprint space.

44:46 - 45:02 **Byron Cochrane**  
It seems to me that this one would really be well served by a presentation at the end of the first and further work through both remote and present based on the findings and feedbacks.

45:02 - 45:08 **Byron Cochrane**  
It could be one that has a little back and forth to it that way.

45:09 - 45:15 **Rob**  
So maybe if people are interested in this they could either put a thumbs up on it or put a comment thing or whatever it is.

45:15 - 45:33 **Rob**  
I think we need to have some understanding of who's interested in what because I'm happy to prepares the material in advance and talk to people about, you know, where's the best starting point we can reach, but I can't probably do it for every case, so I want to see where people are interested.

45:34 - 45:35 **Byron Cochrane**  
Yeah, thank you Rob.

45:35 - 45:51 **Byron Cochrane**  
That's what I, one of the things I really want to get here is for people to really start thinking about which of these they want to work on, and I would suggest erring on signing up for too many to start with, and then narrow it down as we go.

45:53 - 45:55 **Byron Cochrane**  
But that's kind of a personal preference, I guess.

45:58 - 46:04 **Byron Cochrane**  
All right, so if I go back and look at the next one, that's Rob too.

46:04 - 46:05 **Byron Cochrane**  
Data quality.

46:06 - 46:24 **Rob**  
Yeah, so because I put separate issues in, it's going to look like it's all me, but Yeah, so we possibly ought to go to number 18 first, because I refer to that because I laid out a possible methodology there, and this was a rinse and repeat for data quality and set of.

46:24 - 46:25 **Byron Cochrane**  
Provenance.

46:28 - 46:29 **Rob**  
That's probably the one.

46:29 - 46:31 **Byron Cochrane**  
Where...

46:31 - 46:35 **Byron Cochrane**  
That's the one, the data quality one is the one that Ivana wants to work on.

46:35 - 46:38 **Byron Cochrane**  
So you already got some very keen on it.

46:39 - 46:39 **Rob**  
That's right.

46:39 - 47:00 **Rob**  
So this particular use case is because I think we might get a team from UTS who are using Langflow which is a toolkit based on an Apache workflow system for using large language models and natural language processing and we're starting to explore what it looks like interacting with geospatial information.

47:01 - 47:11 **Rob**  
But it's a perfect example of something saying well if they want to do geospatial that should maybe wrap it in OGC API processes, which is kind of what Matt's been doing.

47:11 - 47:13 **Rob**  
If I want to do that, then what does the provenance look like?

47:15 - 47:18 **Rob**  
And there's a number of interesting possible touch points.

47:19 - 47:21 **Rob**  
And there's a whole range of different possible outputs.

47:21 - 47:22 **Rob**  
Any one of them would be useful.

47:23 - 47:29 **Rob**  
So one possibility would just be to declare what we've got a stub for a geodecap profile with provenance.

47:29 - 47:42 **Rob**  
What would it look like if we profiled that for Now these Lang chain, LLM type examples, we could use any other sort of specialized activities in the provenance pattern, but that's an example.

47:42 - 47:45 **Rob**  
We could potentially define a probe AI profile.

47:46 - 48:01 **Rob**  
If your data set was, if you have some AI process and you need to have explainable AI, what's the set of extensions that we would potentially want to have that we could potentially extend into some sort of geo AI standard, because we've got people working on that.

48:01 - 48:12 **Rob**  
So I think possibly just starting to think about how we would handle explainable AI In providence chains, so we could know like I said, then we can create a.

48:14 - 48:36 **Rob**  
Profile for proven then we could extend that to a geodecap profile which extends it which is simply a matter of gluing them together And then we could potentially look at building Airflow allows you to have little Python project little code snippets you could potentially design one of those which spits out a provenance trace and a dcap record describing the data it generates.

48:38 - 48:41 **Rob**  
And you've got generic airflow, you've got lang flow which specializes it.

48:42 - 48:53 **Rob**  
So it really depends what level of detail but that's, you know, I've laid out a whole bunch of best possible little incremental things which could be done.

48:54 - 48:59 **Rob**  
We could look at the API processes and how we would profile for that for provenance.

49:00 - 49:05 **Rob**  
We could look at code for airflow to wrap with processes.

49:06 - 49:11 **Rob**  
We could look at stack and OGC API records extensions for provenance and performance AI.

49:12 - 49:17 **Rob**  
We could just generate examples and mappings for some of these things.

49:17 - 49:19 **Rob**  
What would it look like to decat?

49:20 - 49:22 **Rob**  
We could extend it to stack.

49:25 - 49:26 **Rob**  
Instead of DCAT.

49:28 - 49:32 **Rob**  
It's a bag of opportunities, but I can see any one of these would be useful.

49:35 - 49:39 **Rob**  
And people could choose which parts they might be interested in.

49:39 - 49:42 **Rob**  
And then things like extending API, deliver records.

49:42 - 49:44 **Rob**  
We've got other people with catalog services.

49:44 - 49:55 **Rob**  
That's another possibility as but now delivering records using this profile from any one of those servers.

49:56 - 50:17 **Rob**  
So it's a bit of a grab bag of possible things you could do in that within that bigger epic and I wouldn't expect us to achieve it all but it would lay out a number of different ways we could attack the problem that would all be incrementally useful and the same thing applies to if we add data quality instead of describing provenance in AI.

50:18 - 50:20 **Rob**  
What would it look like if we added data quality measures to stuff?

50:21 - 50:30 **Rob**  
And it's pretty much the same set of things that you would do to incrementally build up the set of standards and link.

50:31 - 50:36 **Rob**  
And you could also extend this to, I say, 901.5 profiles, if you wish.

50:36 - 50:41 **Rob**  
I haven't really bottomed out in my head what you would do there.

50:42 - 51:04 **Gobe Hobona (OGC)**  
So, just keeping in mind that it's a two-day code sprint, I think it will be important for the participants to give some indication of the interest in those ideas as well as any other ideas that have been proposed.

51:05 - 51:06 **Rob**  
And just.

51:06 - 51:06 **Gobe Hobona (OGC)**  
To.

51:06 - 51:07 **Rob**  
Give you a thought.

51:07 - 51:07 **Gobe Hobona (OGC)**  
That.

51:07 - 51:14 **Rob**  
Happened, but yeah, it's a shopping list of things that would need to be done sooner or later.

51:15 - 51:22 **Rob**  
And I said I'd be happy to support any one of those things, any set of those things people are interested in.

51:23 - 51:29 **Byron Cochrane**  
So you would like people to, if they comment on this one, to say which parts of these are most interested in, you know, which.

51:29 - 51:29 **Rob**  
Of the.

51:29 - 51:30 **Byron Cochrane**  
Both I think.

51:32 - 51:34 **Rob**  
And what they would need in order to be able to do.

51:34 - 51:35 **Byron Cochrane**  
It.

51:41 - 51:45 **Rob**  
And that pretty much covers the other things I had.

51:46 - 51:50 **Byron Cochrane**  
For data quality and stack and geodesk as well?

51:51 - 51:51 **Byron Cochrane**  
Okay.

51:52 - 51:53 **Byron Cochrane**  
All right, cool.

51:53 - 51:56 **Byron Cochrane**  
I'll go through these a little faster than I thought then.

51:58 - 52:04 **Byron Cochrane**  
So this has a collection of a few things here and maybe some of my drops are already covered as well.

52:05 - 52:12 **Byron Cochrane**  
I have one in here, again, it's kind of built on that metadata standards play nicely.

52:12 - 52:37 **Byron Cochrane**  
This is kind of more in the conceptual space in a way than in actual coding, but it would require quite knowledgeable space around the metadata standards because what I'd like to do is come up the sort of best practice, I guess, of when you might use the various standards together or separately.

52:38 - 52:41 **Byron Cochrane**  
And maybe some workflows around there.

52:41 - 53:02 **Byron Cochrane**  
Like, you know, a very common one is in, particularly in Europe, all the, this is what a lot of the DCAT work has been about there, from my understanding of working with the GeoDKAT AP 3.0 people is to take metadata from a 19115 repo, usually a GeoNetwork repo.

53:03 - 53:10 **Byron Cochrane**  
And then export it out into GeoDKAT so it can be more easily consumed into a CCAN national level catalog.

53:10 - 53:17 **Byron Cochrane**  
So that's just kind of a very simple workflow, but there's others too.

53:17 - 53:38 **Byron Cochrane**  
At the last code sprint in London metadata code sprint, I should say a couple of years ago, there was discussion about how records and stack and 115 could work together, but it was just we never got to really nut that out into something that we could write down as a recommendation.

53:38 - 53:42 **Byron Cochrane**  
And so that's what I'm kind of looking at in that one.

53:43 - 53:43 **Byron Cochrane**  
So people.

53:43 - 53:43 **Rob**  
It's.

53:43 - 53:44 **Byron Cochrane**  
Less.

53:44 - 53:50 **Rob**  
You might not be showing, you seem to be showing my later comment rather than what you're talking about on the screen.

53:51 - 53:53 **Rob**  
I don't know if everybody else is seeing the same.

53:54 - 53:56 **Byron Cochrane**  
I've got proposal, can metadata standards.

53:56 - 53:56 **Rob**  
Play.

53:56 - 53:57 **Byron Cochrane**  
Nicely?

53:58 - 53:59 **Rob**  
That's better, we can see that now.

53:59 - 53:59 **Byron Cochrane**  
I.

53:59 - 54:01 **Rob**  
Don't know if everybody else is seeing the same.

54:01 - 54:02 **Rob**  
I'm working on.

54:02 - 54:02 **Byron Cochrane**  
A small laptop.

54:06 - 54:07 **Byron Cochrane**  
There we are, that's a little better.

54:10 - 54:12 **Gobe Hobona (OGC)**  
We have three minutes left, two minutes left.

54:13 - 54:14 **Gobe Hobona (OGC)**  
No.

54:14 - 54:14 **Byron Cochrane**  
I've.

54:14 - 54:14 **Gobe Hobona (OGC)**  
Got this.

54:14 - 54:16 **Byron Cochrane**  
For two hours tonight.

54:17 - 54:17 **Byron Cochrane**  
Sorry?

54:18 - 54:19 **Byron Cochrane**  
I've got this for two hours tonight.

54:22 - 54:22 **Byron Cochrane**  
Oh.

54:22 - 54:22 **Gobe Hobona (OGC)**  
Right.

54:23 - 54:28 **Gobe Hobona (OGC)**  
Could you please say something about the JSON encoding of ISE 1.9.1.1.5?

54:29 - 54:32 **Byron Cochrane**  
Yeah, I don't know if anyone's really submitted.

54:32 - 54:37 **Byron Cochrane**  
I was kind of surprised and I was hoping that Paul would be here, but it's not.

54:37 - 54:40 **Byron Cochrane**  
I'm looking through quickly to see if there is anything here.

54:41 - 54:41 **Byron Cochrane**  
And there isn't.

54:41 - 54:46 **Byron Cochrane**  
But that is one that's definitely been talked about and we want to see how to work in.

54:46 - 54:49 **Byron Cochrane**  
So there's been a great deal of work led by.

54:52 - 54:54 **Byron Cochrane**  
Oh, I can't remember Paul's last name.

54:54 - 54:55 **Byron Cochrane**  
Yeah.

54:55 - 54:56 **Byron Cochrane**  
Janssen.

54:56 - 54:57 **Peter Parslow**  
Janssen, Ginovum.

54:57 - 54:59 **Peter Parslow**  
We've got someone else from Ginovum.

54:59 - 54:59 **Byron Cochrane**  
On the call.

54:59 - 55:00 **Byron Cochrane**  
Yeah, yeah, so I was just.

55:00 - 55:00 **Peter Parslow**  
Wondering.

55:00 - 55:01 **Peter Parslow**  
Paul Janssen.

55:02 - 55:03 **Byron Cochrane**  
Paul Janssen, right.

55:04 - 55:04 **Peter Parslow**  
So.

55:04 - 55:15 **Byron Cochrane**  
I was wondering if Niels, do you know anything about the, Have you been across the 115-4 JSON encoding work?

55:18 - 55:26 **Niels Hoffmann (Geonovum)**  
I spoke to Paul about it, but I'm as of yet not exactly clear on where that work stands.

55:26 - 55:32 **Niels Hoffmann (Geonovum)**  
So I can have a chat with Paul and get back on that.

55:33 - 55:36 **Byron Cochrane**  
Okay, I'm hoping he does submit a proposal here.

55:36 - 55:43 **Byron Cochrane**  
And probably, well, me and Peter would be probably more across than anyone in this group currently.

55:44 - 55:45 **Byron Cochrane**  
I do try to.

55:45 - 55:48 **Byron Cochrane**  
Attend pretty much most of the working meetings.

55:51 - 55:58 **Byron Cochrane**  
As does Everett Blaze, who will be, he's in Australia, but he won't be able to attend the meeting in person.

55:58 - 55:59 **Byron Cochrane**  
He'll be online.

55:59 - 56:05 **Byron Cochrane**  
So he'll probably be attending the daytime sessions, but not in Sydney.

56:06 - 56:09 **Byron Cochrane**  
So we have a number of people who I've been involved in this.

56:09 - 56:19 **Byron Cochrane**  
So the aim of this is to create a JSON encoding of 191.1.5-1, the latest version of that.

56:19 - 56:23 **Byron Cochrane**  
And it's been progressing quite well, I would say.

56:28 - 56:30 **Byron Cochrane**  
We're name slipping mind.

56:35 - 56:44 **Byron Cochrane**  
You're compatriot in a lot of the records and work, Peter Vatronas.

56:45 - 56:46 **Byron Cochrane**  
Somehow his name just slipped my.

56:46 - 56:47 **Byron Cochrane**  
Mind.

56:50 - 56:52 **Byron Cochrane**  
Anyway, I guess it's not that important.

56:52 - 56:57 **Peter Parslow**  
You're talking about Joanne from Portugal?

56:58 - 56:58 **Peter Parslow**  
Is that.

56:58 - 56:59 **Byron Cochrane**  
Who you're talking about?

56:59 - 56:59 **Byron Cochrane**  
No, I'm talking about...

57:02 - 57:04 **Rob**  
Clemens and Matthias.

57:04 - 57:04 **Byron Cochrane**  
Moore.

57:04 - 57:05 **Rob**  
Are both...

57:05 - 57:06 **Byron Cochrane**  
Thank you.

57:07 - 57:13 **Byron Cochrane**  
Clemens has been doing the lion's share of the work over the past couple months, at least.

57:13 - 57:18 **Byron Cochrane**  
It wasn't started by him, but he's done the lion's share of the encoding work.

57:19 - 57:27 **Byron Cochrane**  
And it's aiming to somewhat simplify the standard, flatten it, so it's a single schema instead of collection.

57:28 - 57:33 **Byron Cochrane**  
There's some discussion about if that will be a problem later on or not.

57:33 - 57:45 **Byron Cochrane**  
And there's various issues on the level of elements like GCO character string or anchors and how to deal with those.

57:46 - 57:55 **Byron Cochrane**  
There's a few elements that are still a little problematic, but we're working through those pretty well.

57:56 - 58:08 **Byron Cochrane**  
It's not a full encoding, you know, we're not doing some of the more extended that doesn't have the 110 elements.

58:08 - 58:18 **Byron Cochrane**  
We do want to get some, we are putting in some data quality elements, but no dash two elements, I don't believe, at this stage.

58:18 - 58:29 **Byron Cochrane**  
So it's a little limited, but it's still a very useful guide for how to encode 191.1.5-1 in JSON.

58:30 - 58:36 **Byron Cochrane**  
It's still not clear whether it'll be a standard or just a best practice at this point.

58:37 - 58:40 **Byron Cochrane**  
It won't be a complete encoding, though, at this point.

58:40 - 58:43 **Byron Cochrane**  
It might have to be added on as later work.

58:44 - 58:52 **Byron Cochrane**  
But where that fits in, that's something I would very much like to include in my metadata standards playing nicely.

58:52 - 58:56 **Byron Cochrane**  
It's figure C where that fits into many workflows.

58:58 - 59:03 **Byron Cochrane**  
Without getting into it too much detail, there's metadata curves for many, many purposes.

59:03 - 59:26 **Byron Cochrane**  
And so is JSON the right encoding for the canonical record or is it more a transport protocol from a database or XML record or RDF or whichever is your canonical encoding of your metadata that's more closely aligned for data management purposes than discovery?

59:26 - 59:27 **Byron Cochrane**  
That sort of.

59:30 - 59:37 **Byron Cochrane**  
So that's as far as what I know is going on and how I would like to see it progress in this code sprint.

59:39 - 59:47 **Byron Cochrane**  
If anyone else has anything, questions or whatever to add, I can answer as best I can, but I'm not a lead in that project.

59:55 - 59:57 **Byron Cochrane**  
All right.

59:58 - 59:59 **Byron Cochrane**  
Let's see.

59:59 - 01:00:01 **Byron Cochrane**  
We already touched on the 115 there.

01:00:02 - 01:00:05 **Byron Cochrane**  
That's a reply to that one.

01:00:08 - 01:00:20 **Byron Cochrane**  
Xml to JSON, that's something that could be really interesting in the context of 1.1.5-4, UML to JSON.

01:00:24 - 01:00:32 **Byron Cochrane**  
And AL, and I saw something from Simon \*\*\* suggesting we skip AL and go straight to Shackle.

01:00:33 - 01:00:34 **Byron Cochrane**  
I don't know about that.

01:00:34 - 01:00:40 **Byron Cochrane**  
Don't have enough experience in that to make a really informed decision.

01:00:40 - 01:00:42 **Byron Cochrane**  
That sounds like a discussion.

01:00:42 - 01:00:43 **Peter Parslow**  
Point.

01:00:46 - 01:00:54 **Peter Parslow**  
I think the specific request for a sort of 19115 owl encoding, if that's the right phrase, came from Everett Blaze, actually.

01:00:55 - 01:00:59 **Peter Parslow**  
So him and Simon can have that out sometime, I.

01:00:59 - 01:01:00 **Byron Cochrane**  
Guess.

01:01:01 - 01:01:02 **Byron Cochrane**  
Sounds like a fun.

01:01:02 - 01:01:02 **Peter Parslow**  
Discussion.

01:01:06 - 01:01:09 **Byron Cochrane**  
And there's some comments on Paul Jansen, Jansen.

01:01:15 - 01:01:15 **Byron Cochrane**  
All right.

01:01:16 - 01:01:17 **Byron Cochrane**  
And yeah, here's another one.

01:01:17 - 01:01:19 **Byron Cochrane**  
That's one we hadn't touched on.

01:01:21 - 01:01:22 **Byron Cochrane**  
Kristen, are you here?

01:01:24 - 01:01:26 **Christin Henzen (TU Dresden, NFDI4Earth)**  
Yeah, but I would like to hand over to Simeon.

01:01:30 - 01:01:52 **Simeon Wetzel (TU Dresden)**  
Yeah, we found this tool called Fuji, which is a open source and well-established tool coming from a European initiative called FAIR as FAIR, and they test or assess the fairness of research data repositories or metadata.

01:01:53 - 01:02:15 **Simeon Wetzel (TU Dresden)**  
And with this tool, you can just pass like a URL, and it will first harvest the metadata and then test different FAIR-based metrics and finally respond with a score.

01:02:17 - 01:02:40 **Simeon Wetzel (TU Dresden)**  
Yeah, but as it is right now, it is not domain-specific for geospatial data, and we would like to extend this for different metrics, especially for the geospatial metadata and geodetect in special.

01:02:44 - 01:02:52 **Simeon Wetzel (TU Dresden)**  
We are in touch with the developers, so we have their support to do this implementation.

01:02:52 - 01:03:11 **Simeon Wetzel (TU Dresden)**  
It's welcome from their side as well, but are still in the conceptual phase where we want to define or specify which tests or metrics should be implemented in this tool.

01:03:13 - 01:03:22 **Simeon Wetzel (TU Dresden)**  
So yeah, we have different ideas and you can see these listed under the bullet points here.

01:03:22 - 01:03:40 **Simeon Wetzel (TU Dresden)**  
And finally, if we have this implementation, we are hoping to use this tool in our own catalogs and other catalogs as well.

01:03:43 - 01:03:58 **Byron Cochrane**  
I believe that there's been a fair amount of work on this in Australia as well, in addition to FAIR, the care principles as well, of surrounding indigenous data and evaluating them.

01:03:59 - 01:04:05 **Byron Cochrane**  
So it would be really hopefully we can get Nick Carr I believe was working on that, if my memory serves right.

01:04:07 - 01:04:14 **Byron Cochrane**  
Together on this as well would be a good way of progressing it, I think, and gain some broader input.

01:04:18 - 01:04:18 **[speaker unknown]**  
That.

01:04:18 - 01:04:18 **Byron Cochrane**  
Would.

01:04:18 - 01:04:18 **Simeon Wetzel (TU Dresden)**  
Be nice.

01:04:18 - 01:04:23 **Byron Cochrane**  
I'll share this proposal with him and see if I can get his feedback.

01:04:23 - 01:04:27 **Byron Cochrane**  
But he's been difficult to get contact with Lightlight for some reason.

01:04:28 - 01:04:30 **Byron Cochrane**  
So busy guy, I guess.

01:04:31 - 01:04:32 **Byron Cochrane**  
Hopefully, he can make time for this.

01:04:34 - 01:04:35 **Simeon Wetzel (TU Dresden)**  
All right, thank you.

01:04:37 - 01:04:38 **Byron Cochrane**  
All right.

01:04:38 - 01:04:41 **Byron Cochrane**  
Dcat response for API records.

01:04:41 - 01:04:47 **Byron Cochrane**  
There's some discussion going on the chat with that as well.

01:04:48 - 01:04:51 **Byron Cochrane**  
Anyone want to comment on this one in particular?

01:04:56 - 01:04:58 **Antje Kügeler (con terra)**  
This is Anshina from Contera.

01:04:59 - 01:05:05 **Antje Kügeler (con terra)**  
I can maybe just say a few words about the idea.

01:05:07 - 01:05:18 **Antje Kügeler (con terra)**  
So the idea would be to make a prototype to implement a GeoDKAT response for OGC API records.

01:05:19 - 01:05:26 **Antje Kügeler (con terra)**  
We did have a look at Rob's GeoDKAT mapping for OGC API records, which seems to be a good starting point.

01:05:29 - 01:05:54 **Antje Kügeler (con terra)**  
And Mattas Rieke from 52 North, the Special Information Research Organization, who can't be here today, but would be a good person to explain this, had a quick look at a PyGeo API that has a CSW facade or I guess you call them.

01:05:55 - 01:05:59 **Antje Kügeler (con terra)**  
What was the name, not connectors but providers I think.

01:06:00 - 01:06:19 **Antje Kügeler (con terra)**  
So I had a quick look to see what would happen if you pointed at a CSW and found that that would actually be a good starting point to get some metadata which would then need to be transformed to GeoDecad.

01:06:20 - 01:06:23 **Antje Kügeler (con terra)**  
So that's basically the idea.

01:06:24 - 01:06:26 **Byron Cochrane**  
Cool, nice straightforward one there.

01:06:27 - 01:06:27 **Byron Cochrane**  
One.

01:06:27 - 01:06:28 **Rob**  
Thing.

01:06:28 - 01:06:45 **Byron Cochrane**  
I know in Australia is Vincent Fazio has created update to the PyGeo stack, PyCSW and such that allows it to support 1.1.5-3 as well.

01:06:46 - 01:06:50 **Byron Cochrane**  
So that could be useful in this context to test out.

01:06:52 - 01:06:56 **Byron Cochrane**  
I'll contact Vincent and see if he'd be interested in participating.

01:06:56 - 01:06:57 **Byron Cochrane**  
Actually, I'll probably talk to him tomorrow.

01:06:58 - 01:06:59 **Antje Kügeler (con terra)**  
Oh, sounds great.

01:07:01 - 01:07:03 **Rob**  
Sorry, if we can just add to that.

01:07:03 - 01:07:06 **Rob**  
I spoke to Tom Krulidis about the Pydio API.

01:07:06 - 01:07:15 **Rob**  
They do have a linked data features capability, but it's fairly heavyweight in terms of having any complete template of the structure you want to do.

01:07:15 - 01:07:31 **Rob**  
There's a much lighter weight version where you could just reference a context document, or there might be some middle ground where some of these challenging little structural things like those terms I was mentioning before might need to be mapped.

01:07:31 - 01:07:44 **Rob**  
So there might be an approach to having a more modular template where you can do most of it a standard JSON-LD plus a few extra little template bits for handling the weird stuff.

01:07:45 - 01:07:49 **Rob**  
So, I had a bit of a chat with Tom Colletus and Kyle Under.

01:07:49 - 01:07:54 **Rob**  
I haven't had a chance to follow up on that, but I will try to do that.

01:07:55 - 01:07:57 **Rob**  
So, that's certainly an area of interest.

01:07:58 - 01:08:02 **Rob**  
And just the building block stuff, it's very much a work in progress.

01:08:02 - 01:08:04 **Rob**  
I've started mapping the obvious stuff, which can easily be done.

01:08:04 - 01:08:10 **Rob**  
I'm now trying to deal with the things which are kind of weird and tricky and trying to work out what's the best way of doing that.

01:08:10 - 01:08:18 **Rob**  
And Alejandro and I are working on how to do transforms and in order to convert the structures in the process.

01:08:19 - 01:08:24 **Rob**  
And very happy to take any input between now and the code sprint on that.

01:08:25 - 01:08:26 **Rob**  
That'd be really, really helpful.

01:08:26 - 01:08:30 **Rob**  
We will be trying to progress it to be as good a straw man starting point as we can.

01:08:30 - 01:08:37 **Rob**  
We have a job to map it up to, I think, all the oceans information model, which is based on decapped for another project.

01:08:37 - 01:08:46 **Rob**  
But we're really hoping we can tap into the expertise of this group because now I've hidden the wall in terms of my own time and knowledge to do all the mappings myself.

01:08:49 - 01:08:50 **Antje Kügeler (con terra)**  
Cool.

01:08:50 - 01:08:51 **Antje Kügeler (con terra)**  
That's great.

01:08:52 - 01:08:53 **Byron Cochrane**  
Hopefully we can get that help for you.

01:08:55 - 01:08:56 **Byron Cochrane**  
All right.

01:08:56 - 01:09:02 **Byron Cochrane**  
Moving on a little bit here is again, the link to the use cases is in this.

01:09:02 - 01:09:11 **Byron Cochrane**  
Again, I'll post these slides And I just got another post here from Rui.

01:09:12 - 01:09:16 **Byron Cochrane**  
If you're looking for JSON-LD encoding of 115, this could be a starting point.

01:09:17 - 01:09:22 **Byron Cochrane**  
So it must be a OGC testbed report or something like that.

01:09:23 - 01:09:23 **Byron Cochrane**  
Not sure.

01:09:24 - 01:09:24 **Uwe Voges**  
Let's.

01:09:24 - 01:09:25 **Byron Cochrane**  
Say we're in OGC.

01:09:25 - 01:09:26 **Uwe Voges**  
Can you understand me now?

01:09:28 - 01:09:28 **Byron Cochrane**  
Yeah, yeah.

01:09:28 - 01:09:29 **Uwe Voges**  
We can hear you.

01:09:29 - 01:09:30 **Uwe Voges**  
Can you understand me now?

01:09:30 - 01:09:31 **Uwe Voges**  
Yes.

01:09:31 - 01:09:38 **Uwe Voges**  
This was work which we have done in the context of the open search of Earth observation and coding together with Space Bell.

01:09:39 - 01:09:57 **Uwe Voges**  
And I guess it could be a good starting point to work on GeoJSON-LD encoding for ISO because we tried to define this JSON-LD encoding for ISO collection metadata for base of 19.1.5.

01:09:58 - 01:09:58 **Uwe Voges**  
Cool.

01:10:01 - 01:10:04 **Byron Cochrane**  
Where could we attach that in the code sprint here?

01:10:04 - 01:10:05 **Byron Cochrane**  
Would it be a separate item?

01:10:05 - 01:10:06 **Byron Cochrane**  
I guess I can leave.

01:10:06 - 01:10:07 **Byron Cochrane**  
That up.

01:10:07 - 01:10:07 **Uwe Voges**  
To you.

01:10:07 - 01:10:09 **Byron Cochrane**  
To figure out how.

01:10:09 - 01:10:09 **Uwe Voges**  
To.

01:10:09 - 01:10:10 **Byron Cochrane**  
Best attach.

01:10:10 - 01:10:10 **Uwe Voges**  
It.

01:10:10 - 01:10:10 **Byron Cochrane**  
But.

01:10:10 - 01:10:12 **Uwe Voges**  
Maybe.

01:10:12 - 01:10:28 **Byron Cochrane**  
I'll go through as well tomorrow when I'm updating the website and in the code sprint folder I'll put a resource thing that will include links like that and maybe the materials, some copies of the material itself if appropriate.

01:10:31 - 01:10:47 **Rob**  
So one of the challenges with JSON-LD, and I guess this is something we need think about in terms of strategy is that the JSON-LD kind of maps elements of a schema, a particular JSON encoding, and of course there's many, many different ways of doing JSON-LD and many, many different ways of doing JSON.

01:10:47 - 01:11:04 **Rob**  
And so we don't have a canonical 9.1.1.5, we kind of have a canonical JSON-LD encoding, but there's no reason we can't say, okay, here's a publication of a schema for 9105 and the mapping from the XML to it and the JSON-LD.

01:11:06 - 01:11:22 **Rob**  
So we can have multiple options on the table, but before we need to think about what's desirable and how these things, what's common and what's different, but certainly this will be useful for me understanding the semantics of that mapping and making sure that the target makes sense.

01:11:30 - 01:11:30 **Byron Cochrane**  
Okay.

01:11:30 - 01:11:35 **Byron Cochrane**  
Does anyone else have any other use case ideas that haven't been mentioned here?

01:11:35 - 01:11:45 **Byron Cochrane**  
If we capture them in the conversations or even in the recording, I can try to get as much as I can in here.

01:11:45 - 01:11:47 **Byron Cochrane**  
Let's see, I saw a hand raise, Niels?

01:11:48 - 01:11:50 **Niels Hoffmann (Geonovum)**  
Yeah, just a quick question.

01:11:50 - 01:11:54 **Niels Hoffmann (Geonovum)**  
In one of your, let me double check.

01:11:56 - 01:12:10 **Niels Hoffmann (Geonovum)**  
In the threat, there is mention of possibly working on transformation of ISO 19115 to DCAT in possibly RML?

01:12:12 - 01:12:19 **Niels Hoffmann (Geonovum)**  
Do either of you know of existing work being done on that?

01:12:22 - 01:12:24 **Byron Cochrane**  
Who posted that, if I can find that?

01:12:24 - 01:12:25 **Byron Cochrane**  
Rob.

01:12:26 - 01:12:28 **Niels Hoffmann (Geonovum)**  
Comment on your threats.

01:12:33 - 01:12:39 **Rob**  
I mean, there are a lot of different possible transformation languages, and which ones are useful to the community.

01:12:41 - 01:12:52 **Rob**  
So we've done some work with just Sparkle or Shackle advanced features, and we've done some work with JQ for manipulating that, and we can obviously work with XSLT for XML.

01:12:53 - 01:12:59 **Rob**  
And R2ML is, as a candidate, now, in this particular case, we have an open-source toolkit for handling transformations.

01:12:59 - 01:13:06 **Rob**  
Someone who wanted to extend that with an R2RML translator in order to do testing, that's a useful thing.

01:13:08 - 01:13:10 **Rob**  
As far as I'm concerned, we're happy to support that.

01:13:12 - 01:13:16 **Rob**  
I guess it's of the thousands of things we can see that need doing.

01:13:17 - 01:13:20 **Rob**  
We are going to have to choose which ones have the most value.

01:13:20 - 01:13:24 **Rob**  
So we're obviously very dependent on the community to decide what has the most value.

01:13:26 - 01:13:29 **Rob**  
Yeah, thanks.

01:13:36 - 01:13:38 **Rob**  
So Matt first has got his hand up and then Chris little.

01:13:41 - 01:14:06 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Yeah, so I'm not sure, yeah, if there'll be bandwidth or people sort of keen to look into this, but one potential use case would be, I guess, validated in potentially extending the building block work that I've been doing with Rob on Providence patterns.

01:14:09 - 01:14:16 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Integrating those into OGC API output formats.

01:14:18 - 01:14:37 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Essentially, bundling up Providence chains, automatically and continually testing providence chain additions to feature and geometry JSON and geojson outcomes.

01:14:38 - 01:15:17 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Our particular use case is through using this to capture the providence chain of workflow, providence chain of data ingestion into or indexing of data, feature data into DGGS but that particular pattern could potentially be used in a range of different scenarios and so to be interesting to see if there's anyone interested to I guess validate it and or extend the work that Rob and I have been prototyping on that.

01:15:26 - 01:15:28 **Byron Cochrane**  
Chris Little, you had your hand up?

01:15:31 - 01:15:53 **Chris Little (Met Office)**  
I haven't actually had my thoughts a bit nebulous at present, but I'm just thinking where we are with EDR API, and we chose coverage JSON as a recommended, not mandated, output format because it's JSON-LD, and though the LD part is not really strongly used.

01:15:54 - 01:16:03 **Chris Little (Met Office)**  
And of course We're using it in a mutual context where we made a commitment to ISO 191.105 for our catalogs, however you implement them.

01:16:05 - 01:16:12 **Chris Little (Met Office)**  
And I'm just thinking there's a kind of a chain there that would be nice if we could do things like having got a.

01:16:15 - 01:16:19 **Chris Little (Met Office)**  
An OGC API collection that points to some metadata.

01:16:20 - 01:16:38 **Chris Little (Met Office)**  
Then people come and do a query and extract a polygon or a trajectory or a corridor or a cube of data or whatever and say, I'd like it in coverage.json and then the coverage.json can kind of inherit somehow or keep.

01:16:38 - 01:16:43 **Chris Little (Met Office)**  
Track of the provenance and the catalog stuff and just point back to it.

01:16:45 - 01:16:45 **Chris Little (Met Office)**  
I.

01:16:45 - 01:16:47 **Chris Little (Met Office)**  
Think that would be quite useful, but I haven't really thought about it.

01:16:47 - 01:16:50 **Chris Little (Met Office)**  
I just thought of it just now and I made a coffee really.

01:16:51 - 01:16:51 **Chris Little (Met Office)**  
I'm.

01:16:51 - 01:16:51 **Byron Cochrane**  
Not.

01:16:51 - 01:16:52 **Chris Little (Met Office)**  
Feeling very smart.

01:16:54 - 01:16:59 **Byron Cochrane**  
Well, it sounds worth putting together your thoughts into Leeds of Rock proposal, then.

01:17:00 - 01:17:08 **Rob**  
That sounds like an embedded metadata use case where we want to make sure that the embedded metadata is consistent with different levels of granularity.

01:17:09 - 01:17:10 **Rob**  
I think the same thing is true.

01:17:10 - 01:17:10 **Chris Little (Met Office)**  
Of.

01:17:10 - 01:17:12 **Rob**  
Data quality and also providence.

01:17:12 - 01:17:16 **Rob**  
You could do it at a feature level or a collection level or a data set level.

01:17:16 - 01:17:25 **Rob**  
And I think the same thing is also true of the observed properties, which is one of the things which I need to get my head around, how to use CoverJSON.

01:17:26 - 01:17:36 **Rob**  
I know the observation is the measurement swig is looking to ramp up activities, looking at how observed properties can be linked to metadata.

01:17:36 - 01:17:41 **Rob**  
They're not really ready to bring stuff to the table yet, because they haven't really worked out how they're going to do observed properties.

01:17:41 - 01:17:57 **Rob**  
But I know that's certainly a probably a future piece of work we'll be linking those things together but I think consistency of embedded metadata with with now out of band metadata would be a big interoperability gain.

01:17:59 - 01:18:02 **Chris Little (Met Office)**  
Thanks, a much better set of words Rob.

01:18:07 - 01:18:10 **Rob**  
Early morning for me I'm not relying on coffee to survive.

01:18:13 - 01:18:14 **Rob**  
Thought of dinner shortly.

01:18:15 - 01:18:15 **Byron Cochrane**  
Oh.

01:18:15 - 01:18:16 **Byron Cochrane**  
Yes.

01:18:17 - 01:18:18 **Chris Little (Met Office)**  
Be a time.

01:18:20 - 01:18:21 **Byron Cochrane**  
All right.

01:18:22 - 01:18:24 **Byron Cochrane**  
Anyone else have something at this point?

01:18:27 - 01:18:31 **Byron Cochrane**  
I have a placeholder slide here of things we've talked about before.

01:18:31 - 01:18:33 **Byron Cochrane**  
I know there's one in here I want to talk about.

01:18:33 - 01:18:37 **Byron Cochrane**  
I think most of them we already have.

01:18:40 - 01:18:43 **Byron Cochrane**  
Yeah, so pretty much all those have been mentioned.

01:18:44 - 01:18:50 **Byron Cochrane**  
There's one aspect here that I might write up one for and it has to do with its local context.

01:18:50 - 01:18:52 **Byron Cochrane**  
I don't know if you're familiar with that, anyone?

01:18:53 - 01:19:13 **Byron Cochrane**  
But it has to do with indigenous data sovereignty and it's gaining some strength in essentially tagging metadata with these records that say who the subject matter, what it's about, you know, who's affected by this subject.

01:19:13 - 01:19:20 **Byron Cochrane**  
You know, maybe they're not the owner of know anymore or anything else, but it's still sensitive and important to them.

01:19:20 - 01:19:37 **Byron Cochrane**  
So capturing that and to be able to know who to contact to treat the resource in a proper manner, that sort of issue, if it has some sensitivity to Indigenous group or not.

01:19:38 - 01:20:10 **Byron Cochrane**  
So, but it's quite an advanced thing but it's not clear how to integrate it in with other metadata because it exists in a registry kind of separate from the metadata so you can tag into this and and flag it in this registry but how does that travel with metadata otherwise it's too easy to lose it so that was one so the quality fits into that registry space of making sure it travels along with the records as go.

01:20:12 - 01:20:25 **Chris Little (Met Office)**  
It's interesting that that kind of pattern sort of fits in with the things that Andris Matius was presenting recently over citizen sites.

01:20:25 - 01:20:36 **Chris Little (Met Office)**  
They may have thousands and thousands or millions of observations with thousands and thousands of users and they all want to keep ownership of their own but you want to share everything.

01:20:37 - 01:20:37 **Chris Little (Met Office)**  
Mm-hmm.

01:20:38 - 01:20:38 **Byron Cochrane**  
Yeah.

01:20:39 - 01:20:43 **Byron Cochrane**  
This indigenous aspect of it is pretty big in, of course, New Zealand.

01:20:43 - 01:20:46 **Byron Cochrane**  
Australia, Canada, are some of the leaders in it.

01:20:46 - 01:20:50 **Byron Cochrane**  
There's a bunch coming out of the Sami community in Norway and a few.

01:20:50 - 01:20:51 **Chris Little (Met Office)**  
Other.

01:20:51 - 01:20:52 **Byron Cochrane**  
Places as well.

01:20:52 - 01:20:57 **Chris Little (Met Office)**  
Yeah, but I think the citizen science has the same kind of structures.

01:20:59 - 01:21:11 **Byron Cochrane**  
But I think Nick kind of in terminated in that phrase of the affected party information is a good framing of it.

01:21:12 - 01:21:25 **Byron Cochrane**  
In fact, it works with, you know, the game late and I'm losing the phrase, the digital protection, digital, the right to be forgotten.

01:21:25 - 01:21:31 **Byron Cochrane**  
So the DP, the European law, my brain's fading.

01:21:31 - 01:21:41 **Byron Cochrane**  
Anyway, so the right to be forgotten, tracking information, that's a about you, so that you'd be the affected party then.

01:21:41 - 01:21:45 **Byron Cochrane**  
And that would be, so the same approach would fit into that context as well.

01:21:46 - 01:21:50 **Byron Cochrane**  
So as an abstract pattern, I think it's pretty important.

01:21:51 - 01:21:56 **Byron Cochrane**  
And that aspect has not typically been captured in metadata to date.

01:21:56 - 01:22:06 **Byron Cochrane**  
It doesn't really fit quite under constraints or the normal point of contacts or anything.

01:22:09 - 01:22:12 **Byron Cochrane**  
So that was getting close to the end.

01:22:14 - 01:22:28 **Byron Cochrane**  
I would like people to, before I do that, to think about what to add in later and go to the website, make comments.

01:22:28 - 01:22:36 **Byron Cochrane**  
Like I said, I'll be posting notes from this meeting and enhancing some of the materials in there as well.

01:22:37 - 01:22:51 **Byron Cochrane**  
We do have a MediCat Dwayne meeting, and I'm pretty sure Danny will be hosting it in person there in Seoul in two weeks' time, or less than two weeks' time, at Tuesday, November 5th.

01:22:53 - 01:23:07 **Byron Cochrane**  
So right now there isn't an agenda on it, although Danny indicated that there were quite a few presentations, but just not in the agenda, the visible agenda yet.

01:23:08 - 01:23:15 **Byron Cochrane**  
The other question is at the TC 211, are there other swigs and dweegs that we should be reaching out to?

01:23:15 - 01:23:20 **Byron Cochrane**  
And so if anyone's going to that, be nice to be thinking about that.

01:23:20 - 01:23:26 **Byron Cochrane**  
And anytime someone comes up, to encourage them to participate in the program.

01:23:31 - 01:23:35 **Byron Cochrane**  
Oh, wow, that sounds like the closing music or something here.

01:23:36 - 01:23:36 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
I don't know.

01:23:38 - 01:23:40 **Byron Cochrane**  
So any other business at this point?

01:23:47 - 01:23:49 **Byron Cochrane**  
So we're coming right up on 90 minutes.

01:23:51 - 01:24:00 **Byron Cochrane**  
And this is really things to be, I'm hoping can be all done offline in the repo and be thinking about.

01:24:02 - 01:24:08 **Byron Cochrane**  
And perhaps we can start using the Discord for some of this as well.

01:24:09 - 01:24:11 **Byron Cochrane**  
Discussions about who to contact and include.

01:24:11 - 01:24:14 **Byron Cochrane**  
Some of that can be done at the TC, as I already said.

01:24:16 - 01:24:25 **Byron Cochrane**  
And I'll probably create something in the repo about any task and a lot of things that we've talked about here.

01:24:25 - 01:24:32 **Byron Cochrane**  
Not too many things I think we'll have to land in that, but there'll be some tasks that we can say, hey, this needs to be done, who wants to do it?

01:24:33 - 01:24:34 **Byron Cochrane**  
Maybe put that in the Wiki or something.

01:24:36 - 01:24:44 **Byron Cochrane**  
And thinking about any IT needs you have for data, standards, expertise, kit.

01:24:47 - 01:24:53 **Byron Cochrane**  
One of the things that Gobi mentioned is that will be limited on space in GitHub.

01:24:54 - 01:25:10 **Byron Cochrane**  
And even the OGC site has some limitations of your data sets get, get too large over like 700 megabytes or something, I mean, gigabytes, it gets, it starts to cough and doesn't like you uploading stuff that large.

01:25:11 - 01:25:16 **Rob**  
But we're talking about data, not data, surely we don't need to push.

01:25:16 - 01:25:16 **Byron Cochrane**  
Those limits.

01:25:17 - 01:25:35 **Byron Cochrane**  
So I don't see that being a real problem unless someone really wants to implement stack on live database somewhere, so a huge amount of remotely sensed data from satellites or something that they want to tie into it.

01:25:35 - 01:25:41 **Byron Cochrane**  
That seems like it probably would be something that would exist somewhere else anyway, unless they want to isolate it.

01:25:42 - 01:25:48 **Byron Cochrane**  
So anyway, if anyone has any needs like that, that we should be prepared for before we do that.

01:25:50 - 01:25:56 **Byron Cochrane**  
So before we close out, are there any other closing thoughts and comments, anything?

01:25:58 - 01:26:16 **Rob**  
Just that I've got conversations happening with Oren in terms of providing some more use cases and potentially a team and also RMIT GS semantics group that's potentially going to bring a team.

01:26:17 - 01:26:23 **Rob**  
And I think that is still expecting on me to sort of spoon-feed them what I want them to do so they haven't shown up.

01:26:25 - 01:26:30 **Rob**  
And also, yeah, I think I mentioned UTS doing Langflow stuff.

01:26:30 - 01:26:36 **Rob**  
I'm gonna see if I can persuade them to take on a spatial aspect to what they do and join in.

01:26:39 - 01:26:39 **[speaker unknown]**  
Cool.

01:26:45 - 01:26:45 **[speaker unknown]**  
Yeah.

01:26:46 - 01:26:54 **Byron Cochrane**  
So tomorrow I will be reporting this progress and what's going on to the ICSM Metadata Working Group.

01:26:54 - 01:27:03 **Byron Cochrane**  
That's Australia, New Zealand, metadata, implementation standards, best practice, sort of group.

01:27:04 - 01:27:05 **Byron Cochrane**  
They have a lot of interest in these issues.

01:27:07 - 01:27:13 **Byron Cochrane**  
And see what gets some more input from there.

01:27:18 - 01:27:19 **Byron Cochrane**  
That's about.

01:27:19 - 01:27:19 **Byron Cochrane**  
It.

01:27:24 - 01:27:25 **[speaker unknown]**  
Okay.

01:27:25 - 01:27:29 **Byron Cochrane**  
So if no one else has anything to add, I guess we can call it good.

01:27:29 - 01:27:41 **Byron Cochrane**  
I'll post all this information on the website and clean some things up there, try to make it as easy to find as possible and send out an email to everyone here, so they know where to find it.

01:27:43 - 01:27:43 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
It's lovely.

01:27:45 - 01:27:45 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Cool.

01:27:45 - 01:27:47 **Byron Cochrane**  
Thank you all for attending.

01:27:48 - 01:27:49 **Gobe Hobona (OGC)**  
Thanks.

01:27:49 - 01:27:49 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Everyone.

01:27:50 - 01:27:50 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Cool.

01:27:51 - 01:27:53 **Matthew Purss (Pangaea Innovations Pty Ltd)**  
Bye-bye.