**OGC GeoDCAT SWG**  
  
May 8, 2024 . 9:52 PM . ID: 791037533 **Transcript**

00:00 - 00:03 **[speaker unknown]**  
This conference will now be recorded.

00:04 - 00:07 **Byron Cochrane (OpenWork)**  
It takes so long after the first click, I think I didn't click it right.

00:11 - 00:13 **Byron Cochrane (OpenWork)**  
Welcome everyone.

00:13 - 00:15 **Byron Cochrane (OpenWork)**  
I'll go ahead and share my screen.

00:15 - 00:18 **Byron Cochrane (OpenWork)**  
I have a few slides that help me along here.

00:21 - 00:22 **Byron Cochrane (OpenWork)**  
Go with that.

00:26 - 00:27 **Byron Cochrane (OpenWork)**  
There we go.

00:27 - 00:29 **Byron Cochrane (OpenWork)**  
Hopefully, I can follow along with everything.

00:29 - 00:35 **Byron Cochrane (OpenWork)**  
Sometimes it's a little tricky to see people and hands and everything, but we'll see how it goes.

00:36 - 00:36 **Byron Cochrane (OpenWork)**  
All right.

00:36 - 00:46 **Byron Cochrane (OpenWork)**  
So this week, not a lot of things that are similar from last week, but a couple bringing in a couple elements that didn't.

00:48 - 00:56 **Byron Cochrane (OpenWork)**  
That mostly that review of the sign, the use case from the SEMEKA Geo DCAT AP to determine its alignment.

00:56 - 01:30 **Byron Cochrane (OpenWork)**  
There's some news on the workshop in Montreal on progress on that and don't have too much on the code sprint in November but yeah so that's the mostly if we what I figured if we have the time is to go through some of the semix stuff and see how it aligns to what we're we're doing particularly starting with the use case to see if we're starting from the same page of what we think the purpose of the Geo DCAT AP will be for our users so Well.

01:30 - 01:35 **Byron Cochrane (OpenWork)**  
First of all, is there anything on this, anything extra on the agenda that anyone would like to add?

01:36 - 01:39 **Byron Cochrane (OpenWork)**  
On the end slide if they want.

01:47 - 01:47 **Byron Cochrane (OpenWork)**  
Hearing none.

01:48 - 01:49 **Chris Little**  
Actually, yeah.

01:49 - 01:49 **Chris Little**  
No, no, Byron.

01:49 - 01:50 **Chris Little**  
I was going to suggest something.

01:51 - 02:00 **Chris Little**  
It may be kind of any other business and not really relevant to the agenda, but I'd just be interested to know what the DCAP people are thinking.

02:00 - 02:19 **Chris Little**  
I've just been on the fringes of an RDA working group on data granularity and they're just about to produce recommendations about different granularities of data and metadata for archives and for research data.

02:21 - 02:41 **Chris Little**  
And I just wonder whether there's been any push or thinking about that in the sense of having got, let's say, the equivalent of a tile set or different levels of detail of how the catalog information and the metadata and the quality of aspects of the metadata all kind of link together across different granules.

02:41 - 02:46 **Chris Little**  
So I think it's a topic for discussion in the future, perhaps not today.

02:47 - 02:47 **Byron Cochrane (OpenWork)**  
But I don't know if.

02:47 - 02:49 **Chris Little**  
Anybody's done anything there.

02:50 - 02:57 **Byron Cochrane (OpenWork)**  
Yeah, that could be a good way of talking about some of the stuff on the use case alignment too, because some of these elements come.

02:59 - 03:17 **Byron Cochrane (OpenWork)**  
I have a lot of questions about this type of stuff of how do we align the metadata and the data, the granularity and not only the granularity, but which styles of metadata are appropriate for each and how do they work together.

03:18 - 03:21 **Byron Cochrane (OpenWork)**  
So we can talk about that later on.

03:21 - 03:23 **Byron Cochrane (OpenWork)**  
It's actually will come up in a couple of contexts.

03:23 - 03:29 **Byron Cochrane (OpenWork)**  
One is in for the metadata workshop in Montreal, and the other.

03:29 - 03:30 **Chris Little**  
Would.

03:30 - 03:32 **Byron Cochrane (OpenWork)**  
Be the use case discussion.

03:34 - 03:42 **Byron Cochrane (OpenWork)**  
For GeoDecat and the November code sprint as well, which was pretty much an open discussion on that.

03:43 - 03:43 **Byron Cochrane (OpenWork)**  
Okay.

03:43 - 03:43 **Byron Cochrane (OpenWork)**  
Thank you.

03:47 - 03:47 **Byron Cochrane (OpenWork)**  
All right.

03:48 - 03:54 **Byron Cochrane (OpenWork)**  
So I'll start out with talking about the Montreal, because that's something that we actually made a little progress on.

03:54 - 03:57 **Byron Cochrane (OpenWork)**  
We do have a date on Friday.

03:58 - 04:02 **Byron Cochrane (OpenWork)**  
I have a, oh yeah, it's here.

04:02 - 04:05 **Byron Cochrane (OpenWork)**  
I got little details on it here.

04:05 - 04:09 **Byron Cochrane (OpenWork)**  
Oops, sorry, forget which mode I'm in here and I keep on slipping the slides.

04:10 - 04:13 **Byron Cochrane (OpenWork)**  
So the Friday from 9.30 a.m.

04:13 - 04:17 **Byron Cochrane (OpenWork)**  
To 5.00 p.m., that's the 21st, I think.

04:18 - 04:31 **Byron Cochrane (OpenWork)**  
And unfortunately, I will not be there in person and some sort of, unless some sort of miracle happens and someone says, here, I'll fly you over because yeah, just don't have the means to get there at this point.

04:31 - 04:35 **Byron Cochrane (OpenWork)**  
Which for me means it'll be Saturday morning from 1.30 a.m.

04:36 - 04:37 **Byron Cochrane (OpenWork)**  
To 9 a.m.

04:37 - 04:39 **Byron Cochrane (OpenWork)**  
I doubt we'll use all that time.

04:39 - 04:45 **Byron Cochrane (OpenWork)**  
We only requested three hours, but they gave us seven and a half there or yeah.

04:45 - 04:50 **Byron Cochrane (OpenWork)**  
So we've got a lot of time to build, to do things if we want.

04:50 - 05:06 **Byron Cochrane (OpenWork)**  
So the agenda, the purpose for it is to gather the, just gathering of the people together and on the various, anything that's related to metadata and cataloging.

05:06 - 05:16 **Byron Cochrane (OpenWork)**  
So OGC API and stack, the 115 and of course our group are kind of spearheading that.

05:16 - 05:25 **Byron Cochrane (OpenWork)**  
So we see GoD CAD as kind of a central topic and making progress on that, at least in conceptually, if not hands-on.

05:26 - 05:40 **Byron Cochrane (OpenWork)**  
There's a fair amount that we could do with that amount of time to work through issues and get some stuff together so that could be really promising, but we don't want it to be entirely about DCAT.

05:41 - 05:51 **Byron Cochrane (OpenWork)**  
If it runs in code sprint style, then it's certainly possible to break it up into subgroups and work on various elements.

05:52 - 06:11 **Byron Cochrane (OpenWork)**  
But myself, my main goal is to make sure that we can have some good discussions about how all these standards can work together and or use cases well enough to find to say where you would use one and the other together or separately.

06:17 - 06:18 **Byron Cochrane (OpenWork)**  
So yeah.

06:18 - 06:46 **Rob Atkinson**  
I'll just put in the chat, I will be there and I can run a bit of a initial overview of the the sort of building block methodology and progress like at front and then I can then effectively run a hands-on workshop doctor surgery if people want to stick around and and get their hands dirty at the end.

06:47 - 06:54 **Rob Atkinson**  
So that way not everybody needs to stick around if they just want to be informed but if they want to get their hands dirty I can potentially be there.

06:58 - 07:05 **Rob Atkinson**  
For as much as people want to be there to get their hands into things.

07:07 - 07:08 **Byron Cochrane (OpenWork)**  
Yeah, that's excellent.

07:08 - 07:18 **Byron Cochrane (OpenWork)**  
So with this, too, you'd be bringing in at least the GeoDCAT stack and records that you've got so far.

07:19 - 07:21 **Rob Atkinson**  
That's right, yeah.

07:21 - 07:22 **Rob Atkinson**  
That's right.

07:22 - 07:33 **Rob Atkinson**  
And any other metadata formats that people want to explore, we can effectively set up building blocks to start mapping elements of them into the GeoDCAT stub and identifying what the gaps are and.

07:33 - 07:34 **Byron Cochrane (OpenWork)**  
Possible.

07:34 - 07:34 **Rob Atkinson**  
Solutions.

07:37 - 07:43 **Danny Vandenbroucke**  
I see some other reactions in the chat from Glenn and Peter.

07:45 - 07:47 **Danny Vandenbroucke**  
So Glenn will be there.

07:48 - 07:49 **Danny Vandenbroucke**  
Maybe you can explain yourself.

07:52 - 07:59 **Glenn Laughlin**  
So the topic of DCAT has come up a number of times within the Brain Dweg and the OMS working group.

08:00 - 08:04 **Glenn Laughlin**  
And we have not really made a lot of progress on that topic over the last year or two.

08:04 - 08:08 **Glenn Laughlin**  
So it's something that I want to put forefront at the Marine Dewey session.

08:10 - 08:13 **Glenn Laughlin**  
There's also, it's almost a full day.

08:14 - 08:26 **Glenn Laughlin**  
I think it's on the Tuesday between sensors and I think Steve Lang, who's doing the sensor things for OGC, is presenting on methane observation frameworks.

08:26 - 08:31 **Glenn Laughlin**  
And again, I think DCAT is, should be positioned front and center to it.

08:32 - 08:45 **Glenn Laughlin**  
So I'm hoping to introduce this topic within those sessions and hopefully spawn some working sessions around this as well to really apply the DCAT or GDCAT framework to the various domain models.

08:51 - 08:51 **Danny Vandenbroucke**  
Yeah.

08:56 - 08:59 **Danny Vandenbroucke**  
Peter, yeah, suggest also to, Well.

08:59 - 09:02 **Danny Vandenbroucke**  
There's a possibility to have the overview for ISO.

09:04 - 09:09 **Peter Parslow**  
There's kind of an offer, because I saw you said 191.15 and its variants.

09:09 - 09:09 **Peter Parslow**  
So.

09:09 - 09:10 **Byron Cochrane (OpenWork)**  
If it.

09:10 - 09:28 **Peter Parslow**  
Would be useful to have an overview of how we've got in this mess, old edition to new edition, XML, current JSON working, how those relate to the TC211 data quality standard, then I think I'm possibly best placed to do that in a sort of 10 minute thing.

09:29 - 09:37 **Peter Parslow**  
After that, it becomes my own thoughts on where TC211 might go next, because I can already see, we're a member body, we go where our members point us.

09:39 - 09:47 **Peter Parslow**  
But there are certainly trends, so converging with DCAT seems, but what exactly that means in terms of ISO documents, I would have no idea.

09:48 - 09:48 **Peter Parslow**  
It.

09:48 - 09:50 **Rob Atkinson**  
Certainly would be great to understand what.

09:50 - 09:53 **Rob Atkinson**  
Your design approach for your JSON encoding.

09:53 - 09:54 **Peter Parslow**  
Is.

09:55 - 09:56 **Peter Parslow**  
Yeah, that's true.

09:57 - 09:57 **Peter Parslow**  
Sorry.

09:57 - 09:58 **Rob Atkinson**  
Yeah, it's a working.

09:58 - 10:01 **Peter Parslow**  
Program, but by November, we might know the answer to that, yes.

10:02 - 10:03 **Margie Smith**  
I was about to say, Peter, I didn't think...

10:05 - 10:07 **Margie Smith**  
Sorry, I was about to say, Peter, I didn't think...

10:07 - 10:08 **Margie Smith**  
That's the Dash 4, isn't it?

10:08 - 10:08 **Margie Smith**  
I didn't.

10:08 - 10:09 **Peter Parslow**  
Think it had progressed.

10:09 - 10:10 **Margie Smith**  
That far.

10:11 - 10:19 **Peter Parslow**  
Yeah, so Dash 4, at the moment, Dash 4 is collecting examples and trialing them out to say, you know, what should the design approach be, basically.

10:19 - 10:27 **Peter Parslow**  
So by November, they ought to have sorted that out because they should have a public inquiry draft available around the end of this year.

10:28 - 10:29 **Peter Parslow**  
So yeah, by November.

10:30 - 10:37 **Peter Parslow**  
And Paul Janssen of the National Geonova would be a better place to say that, but I'm part of that project if he's not available.

10:38 - 10:42 **Peter Parslow**  
So yeah, by November, Rob will have sorted out what our design approach is.

10:42 - 10:44 **Peter Parslow**  
Yeah, okay.

10:44 - 10:58 **Rob Atkinson**  
So apropos of that, I'm working on a number of project activities which are relevant relating to the sort of UML to Jason and our pathways and syncing them up.

10:59 - 11:16 **Rob Atkinson**  
So I'll be doing work with CityGML, with LADM, there's a workshop, an FIG workshop in Malaysia in September where they'll be developing the methodology for doing the LADM JSON encoding, which is another ISO standard.

11:17 - 11:24 **Rob Atkinson**  
So hopefully we can start exploring and converging on some commonality of approach.

11:26 - 11:28 **Byron Cochrane (OpenWork)**  
Yeah, I was just thinking on the.

11:28 - 11:31 **Peter Parslow**  
19.1504.

11:33 - 11:38 **Byron Cochrane (OpenWork)**  
Chris Melnick McDonald is the one who's been doing most of the work on that.

11:38 - 11:42 **Byron Cochrane (OpenWork)**  
And he is in Canada, he's Canadian.

11:43 - 11:43 **Byron Cochrane (OpenWork)**  
And.

11:43 - 11:46 **Byron Cochrane (OpenWork)**  
We can get him along to.

11:46 - 11:47 **Peter Parslow**  
This.

11:47 - 11:48 **Byron Cochrane (OpenWork)**  
Share that.

11:48 - 11:49 **Peter Parslow**  
Yeah, so at the moment, at.

11:49 - 11:49 **Byron Cochrane (OpenWork)**  
The moment.

11:49 - 12:09 **Peter Parslow**  
The methodology, at the moment the methodology is Chris is sort of hand crafting some Jason examples that people with more 191.5 experience are then commenting on those to try and tweak them so they are lossless in comparison to the examples he's been working from.

12:09 - 12:09 **Danny Vandenbroucke**  
Out.

12:09 - 12:22 **Peter Parslow**  
Of that, we would then reverse engineer what should be the Schematron, the shape change tunings to be done to get a UML to JSON working ruleset.

12:22 - 12:25 **Peter Parslow**  
You could say that's the design approach.

12:25 - 12:34 **Peter Parslow**  
So what we've realized is just running shape change a number of times with different parameters is producing slightly bizarre results.

12:34 - 12:35 **Peter Parslow**  
So we need to first.

12:35 - 12:36 **Rob Atkinson**  
Work on.

12:36 - 12:40 **Peter Parslow**  
Some examples, work out what we want the output to look like, and then tune to achieve that.

12:41 - 12:41 **Peter Parslow**  
So.

12:41 - 12:50 **Rob Atkinson**  
We're working with a group called Ontotex to have been working with Clemens with shape change and various European Union projects on doing exactly this.

12:50 - 12:52 **Rob Atkinson**  
So for the city, JML.

12:52 - 13:01 **Rob Atkinson**  
So hopefully we'll have some shape change recipes that should give us reasonable results, hopefully.

13:03 - 13:23 **Peter Parslow**  
Yeah, wherever we were in Delft, we spotted the similarity with the CityGML work of taking really rather complicated UML models and trying to produce user-friendly JSON from them by some rules-based approach, so yeah, we need to make sure the two projects learn from each other.

13:25 - 13:30 **Peter Parslow**  
Anyway, so by November, we may have something useful to say about that between us all.

13:30 - 13:36 **Byron Cochrane (OpenWork)**  
So we'd only have an introduction at Montreal, but by November, we should really be able to use it well.

13:38 - 13:39 **Peter Parslow**  
Yes, I think that's true.

13:39 - 13:41 **Peter Parslow**  
And in June, it'll be here as a work in progress.

13:42 - 13:46 **Byron Cochrane (OpenWork)**  
At least in a co-sprint sense, we could be able to use it well, yeah.

13:49 - 14:00 **Byron Cochrane (OpenWork)**  
All right, yeah, so here, this slide has a bunch of what we just kind of brained up about what we might be working on in more detail at the Montreal workshop.

14:04 - 14:06 **Byron Cochrane (OpenWork)**  
There's not much more to say about that.

14:08 - 14:12 **Glenn Laughlin**  
Sorry, Byron, what day time is this session?

14:12 - 14:14 **Byron Cochrane (OpenWork)**  
It's 930 to 5 p.m.

14:14 - 14:15 **Byron Cochrane (OpenWork)**  
On Friday.

14:16 - 14:17 **Glenn Laughlin**  
Oh, is it an all-day thing on Friday?

14:19 - 14:23 **Byron Cochrane (OpenWork)**  
That's the slot that we got was 930 to 5 p.m.

14:23 - 14:36 **Byron Cochrane (OpenWork)**  
I suspect that the afternoon will probably be mostly just hands-on and for the people who just want to talk at the higher level and such may just do the first three hours in the morning or something like that.

14:36 - 14:44 **Byron Cochrane (OpenWork)**  
We thought we were going to end up with a three hour block but when I looked at it today it's like all day so that's cool.

14:49 - 15:01 **Danny Vandenbroucke**  
Yeah and for completeness I will be there so I can chair or help chairing the session Yeah, in the workshop.

15:07 - 15:12 **Danny Vandenbroucke**  
I think maybe it's necessary.

15:12 - 15:20 **Danny Vandenbroucke**  
I think we said it already, but we didn't do it yet, but there were also other communities looking into it.

15:20 - 15:29 **Danny Vandenbroucke**  
So the Meteo organization, WMO, we got the mail from someone that was looking into it, if I'm not wrong.

15:29 - 15:37 **Danny Vandenbroucke**  
But we might, in general, maybe do an open call to the OJC community for contributions.

15:37 - 15:51 **Danny Vandenbroucke**  
Maybe some want to provide what is in the fourth bullet examples of GeoDecat implementations and issues encountered in some projects or whatever internal implementations.

15:52 - 16:12 **Danny Vandenbroucke**  
But maybe others are also like for the stack, we really should try to have someone that is more working in this field because we have internally, I think in this group, maybe in, I don't know who's all online, but last time we were looking for someone working on stack or using stack.

16:13 - 16:16 **Danny Vandenbroucke**  
So we need the good program.

16:16 - 16:21 **Danny Vandenbroucke**  
So I think we should, as soon as possible, maybe send out this call for.

16:21 - 16:22 **Byron Cochrane (OpenWork)**  
Contributions.

16:25 - 16:45 **Chris Little**  
I was going to suggest, Danny, that either me or Mark Burgoyne, who should both be in Montreal or Tom Kralidis, who's Canadian and should be there, talk a bit about WMO approaches for their global infrastructure, which involves both Stack.

16:45 - 16:47 **Danny Vandenbroucke**  
And.

16:47 - 16:51 **Chris Little**  
Decat, et cetera, et cetera, and WISD2.

16:52 - 17:07 **Chris Little**  
And Mark McGoin has done quite a bit for the infrastructure inside the Met Office, where we're mixing up API for records and Stack using both.

17:08 - 17:14 **Chris Little**  
And as that's going to be implemented globally, I think that's worth having.

17:14 - 17:15 **Danny Vandenbroucke**  
A.

17:15 - 17:17 **Chris Little**  
Presentation on it.

17:17 - 17:24 **Rob Atkinson**  
So it's interesting to say that, Chris, because this stack specification claims that it's compatible with API.

17:24 - 17:25 **Chris Little**  
Records, which.

17:25 - 17:36 **Rob Atkinson**  
Of course is, but the testing I've done has identified a number of areas where the records API is over restrictive.

17:36 - 17:39 **Rob Atkinson**  
Some of those have been fixed, I'll.

17:39 - 17:39 **Chris Little**  
Be chasing.

17:39 - 17:42 **Rob Atkinson**  
People to try to fix the rest of them.

17:43 - 17:43 **Rob Atkinson**  
But yeah.

17:43 - 18:05 **Chris Little**  
We haven't really spotted that because in a sense it's just trying to get people to kind of, we're using a kind of a hierarchy of stack records as it were to just make everything exposed easily and searchably to make it findable.

18:06 - 18:08 **Chris Little**  
And the tight controls in the API records.

18:12 - 18:19 **Chris Little**  
But I'm on the fringes of it, so I don't know that anybody's kind of run into those problems that you've found.

18:20 - 18:26 **Rob Atkinson**  
Yeah, well, I'm sort of basically trying to retrofit unit tests and all the examples in the spec.

18:26 - 18:26 **Chris Little**  
Yeah.

18:26 - 18:33 **Rob Atkinson**  
And that way you actually test to see how consistent the schemas actually are.

18:35 - 18:35 **Rob Atkinson**  
And.

18:35 - 18:35 **Chris Little**  
Whether.

18:35 - 18:36 **Rob Atkinson**  
The implementers.

18:36 - 18:37 **Chris Little**  
Have actually implemented.

18:37 - 18:42 **Chris Little**  
Yeah, yeah, and I was going to say the implementers may not have implemented the standard anyway.

18:43 - 18:46 **Rob Atkinson**  
Yeah, so anyway.

18:48 - 18:48 **Chris Little**  
Thanks.

18:53 - 18:53 **Byron Cochrane (OpenWork)**  
Okay.

18:54 - 18:55 **Byron Cochrane (OpenWork)**  
Shall I move on?

18:59 - 19:00 **Byron Cochrane (OpenWork)**  
Hearing no objection.

19:01 - 19:06 **Byron Cochrane (OpenWork)**  
So the next thing is just a brief comments about the November metadata code sprint.

19:07 - 19:08 **Byron Cochrane (OpenWork)**  
This is still progressing.

19:09 - 19:20 **Byron Cochrane (OpenWork)**  
We have a tentative date that's fairly solid, which not sure how many days, two or three days, but it'd be the 18th and 19th or maybe the 18th, 19th, 20th.

19:20 - 19:24 **Byron Cochrane (OpenWork)**  
And that would have an in-person part is our plan in Sydney.

19:25 - 19:28 **Byron Cochrane (OpenWork)**  
So that's the week after the ISOTC meeting in Sydney.

19:30 - 19:34 **Byron Cochrane (OpenWork)**  
And trying to line up a venue for that as well.

19:34 - 19:39 **Byron Cochrane (OpenWork)**  
And the online portion, we'll have been promised OGC support on that.

19:39 - 19:44 **Byron Cochrane (OpenWork)**  
So we'll be able to use all the mechanisms there and have support to make sure everything's going.

19:46 - 19:52 **Byron Cochrane (OpenWork)**  
And yeah, as I say, the agenda, I think will fall out of the metadata workshop in Montreal.

19:53 - 20:04 **Byron Cochrane (OpenWork)**  
This week, it's a Locate24 conference in Sydney And Chris Boddy is the one who's kind of been my contact for ISO and lining this up to work with it and such.

20:05 - 20:13 **Byron Cochrane (OpenWork)**  
And he's also one of the co-chairs of Australia and New Zealand OGC groups.

20:14 - 20:18 **Byron Cochrane (OpenWork)**  
So he's kind of the guy I'm trying to work with to get something happening on this.

20:20 - 20:24 **Byron Cochrane (OpenWork)**  
So I'll plan on catching up with him next week and seeing where we're at.

20:24 - 20:39 **Rob Atkinson**  
So I've been at Locate, I've only just got back home in fact, and I spent a fair bit of time with Sissy Zlatanova from the Union of New South Wales who's involved in groups like Oren.

20:41 - 21:02 **Rob Atkinson**  
But we have been discussing the potential involvement of Australian groups in the Open Science Persistent Demonstrator predicated potentially on doing some work around a provenance enabled profile of geodecat.

21:02 - 21:03 **Byron Cochrane (OpenWork)**  
Capturing.

21:03 - 21:07 **Rob Atkinson**  
Transparency in scientific workloads.

21:08 - 21:08 **Rob Atkinson**  
So that's an area.

21:08 - 21:18 **Rob Atkinson**  
So I think there's a good chance that we might be able to find a Union of New South Wales venue support from CC if we wanted to.

21:19 - 21:30 **Rob Atkinson**  
She's asked me to give them a seminar for them in July, so I think there's a good chance we could probably get that working.

21:35 - 21:42 **Byron Cochrane (OpenWork)**  
That brings another interest that I've in another area was working, but talking about provenance and metadata.

21:42 - 21:47 **Byron Cochrane (OpenWork)**  
Have you worked with the IEEE provenance model at all?

21:48 - 21:49 **Rob Atkinson**  
No, I haven't.

21:50 - 21:57 **Rob Atkinson**  
I'm mainly familiar with the W3C one, but I'm certainly happy to look at the IEEE.

21:58 - 22:07 **Byron Cochrane (OpenWork)**  
The reason I ask in conjunction with this is one of the, I've been doing some stuff with indigenous data sovereignty and metadata and cataloging.

22:07 - 22:21 **Byron Cochrane (OpenWork)**  
And it seems like that community has landed on the IEEE provenance model for and that's where they've run their particular provenance standard through.

22:21 - 22:41 **Byron Cochrane (OpenWork)**  
So that's a seem like an interesting place to run it through rather than some of the more typical locations but nonetheless if we bring like a stream in November on indigenous data sovereignty which would be really nice to do in this context and in part of the world since so much is happening.

22:42 - 22:46 **Byron Cochrane (OpenWork)**  
It might be another standard we want to line with.

22:48 - 22:54 **Rob Atkinson**  
I'm just searching for IEEE and there's lots of sort of specialized ones for modeling and simulation.

22:57 - 22:59 **Rob Atkinson**  
And blockchain for IoT.

22:59 - 23:03 **Rob Atkinson**  
There's all sorts of weird stuff but nothing is coming up as canonical model, the obvious.

23:07 - 23:11 **Byron Cochrane (OpenWork)**  
Let me see if I can find it here.

23:11 - 23:13 **Byron Cochrane (OpenWork)**  
Why is it not coming up?

23:15 - 23:16 **Rob Atkinson**  
But I'll drop it.

23:16 - 23:17 **Byron Cochrane (OpenWork)**  
To the providence building.

23:17 - 23:17 **Rob Atkinson**  
Block.

23:19 - 23:21 **Byron Cochrane (OpenWork)**  
Let me do that.

23:23 - 23:25 **Byron Cochrane (OpenWork)**  
Let's see if I can find it really quick.

23:34 - 23:36 **Rob Atkinson**  
But anyway, anyway, I can, I can set.

23:36 - 23:36 **Byron Cochrane (OpenWork)**  
Up a.

23:36 - 23:40 **Rob Atkinson**  
Profile for geodecat for both IEEE and W3C provenance.

23:41 - 23:44 **Rob Atkinson**  
And then we can, you know, put examples of both of them and see what they look like.

23:45 - 23:47 **Byron Cochrane (OpenWork)**  
Yeah, it is particular to indigenous.

23:49 - 23:51 **Byron Cochrane (OpenWork)**  
Anyway, I'll say I've never.

23:51 - 23:53 **Rob Atkinson**  
Heard of a general purpose one.

23:59 - 24:01 **Byron Cochrane (OpenWork)**  
I'm going to be looking that one too, probably tomorrow.

24:02 - 24:03 **Byron Cochrane (OpenWork)**  
But anyway.

24:07 - 24:16 **Peter Parslow**  
Margie's put in a link to someone that Byron's found, which is the indigenous specific one.

24:17 - 24:19 **Byron Cochrane (OpenWork)**  
So did Margie.

24:21 - 24:22 **Peter Parslow**  
Moments before you.

24:23 - 24:24 **Rob Atkinson**  
Is anyone aware of a general.

24:24 - 24:25 **Peter Parslow**  
Purpose.

24:25 - 24:25 **Rob Atkinson**  
One?

24:26 - 24:33 **Chris Little**  
Well, the first two hits I got on my search, one was for service-orientated provenance model.

24:34 - 24:36 **Chris Little**  
Another one was for big data.

24:37 - 24:47 **Rob Atkinson**  
Yeah, so I mean we could possibly run examples and see whether they can know whether, you know, how they relate.

24:48 - 24:55 **Rob Atkinson**  
Yeah, there's a few different ways we could look at modeling those as potential profiles or something against a general model as well.

24:55 - 24:59 **Rob Atkinson**  
So basically putting some examples in and playing with it.

25:02 - 25:03 **Byron Cochrane (OpenWork)**  
It looks.

25:03 - 25:07 **Peter Parslow**  
Like it's built on this, one related to machine learning.

25:07 - 25:12 **Peter Parslow**  
So there is an IEEE machine learning provenance model rather than a generic one.

25:13 - 25:13 **Byron Cochrane (OpenWork)**  
I think that was a.

25:13 - 25:14 **Peter Parslow**  
Concern.

25:14 - 25:22 **Byron Cochrane (OpenWork)**  
They were trying to address for data being assumed and using in machine learning and how.

25:22 - 25:23 **Chris Little**  
To.

25:23 - 25:25 **Byron Cochrane (OpenWork)**  
Protect the provenance in that case.

25:30 - 25:30 **Rob Atkinson**  
Okay.

25:36 - 25:40 **Byron Cochrane (OpenWork)**  
So I jumped ahead here a little bit, I think.

25:42 - 25:43 **Byron Cochrane (OpenWork)**  
Thought I had another slide here.

25:44 - 25:45 **Byron Cochrane (OpenWork)**  
So anyway.

25:47 - 25:48 **Byron Cochrane (OpenWork)**  
I thought I had another slide in there.

25:49 - 25:55 **Byron Cochrane (OpenWork)**  
Now jumping ahead to the Geo DCAT work and I guess we're, yeah, it's fine.

25:57 - 26:04 **Byron Cochrane (OpenWork)**  
What I wanted to do from the last meeting I went there, there was a lot of talk about the use case and the decisions they were making.

26:04 - 26:15 **Byron Cochrane (OpenWork)**  
Aligning with the use case and it had me left with wondering how does their basic use case align with ours and it's an open question I think.

26:16 - 26:25 **Byron Cochrane (OpenWork)**  
So their basic use case is what and the demonstrations that happened at that to illustrated it.

26:33 - 26:44 **Byron Cochrane (OpenWork)**  
It so it can be consumed by more general purpose portals, and particularly so it can be consumed by CCAN national catalog instances.

26:45 - 27:04 **Byron Cochrane (OpenWork)**  
So it's not entirely a replacement for the 19115139 as a case is and inspire, but it's just essentially a way of exposing that metadata.

27:04 - 27:07 **Byron Cochrane (OpenWork)**  
So it has most of the properties from it's.

27:07 - 27:07 **Danny Vandenbroucke**  
Inspired.

27:11 - 27:24 **Rob Atkinson**  
So I'd kind of like to make a point here and this has been reflected in the conversations I've been having around metadata to support reusable analytics, which is that discovery metadata is the lowest common denominator.

27:24 - 27:30 **Rob Atkinson**  
And in many ways you could choose any old schema and throw stuff in it in plain text and you could probably do discovery.

27:31 - 27:38 **Rob Atkinson**  
Whereas extensible metadata like the DCAT and ontology allows us to have fine-grained metadata, which actually allows us to support.

27:41 - 27:48 **Rob Atkinson**  
Finer-grained discovery related to the relevance of the data, what needs to be done to the data, potentially machine actionable metadata.

27:49 - 27:54 **Rob Atkinson**  
So if you're going to have an ontology-based metadata model, we should not be limited to discovery.

27:55 - 27:59 **Rob Atkinson**  
We should include the evaluation and reuse use cases.

28:00 - 28:03 **Byron Cochrane (OpenWork)**  
Yeah, I'm very much in my long line with that too.

28:08 - 28:16 **Uwe Voges**  
Here's Uwe, I have also one remark on this discussion and this relates also to the question from Chris at the beginning of the meeting.

28:17 - 28:45 **Uwe Voges**  
I guess the general things, the conceptual model, this should be discussed more on the layer of the ISO 9105 because they define the semantic of these different classes and and so on and because otherwise if we do this in GeoDecat AP then we would need something like I guess a kind of conceptual model with all these definitions of the semantic and so on.

28:45 - 29:00 **Uwe Voges**  
What a coordinate reference system is, what is spatial resolution, all these things which is already discussed and done in the ISO groups I guess and also the granularity goes in the same direction.

29:00 - 29:10 **Uwe Voges**  
There were lots of discussions in the ISO group, and there's also lots of description in the ISO 9105 document on this theme.

29:11 - 29:24 **Uwe Voges**  
And I guess it makes maybe more sense to leave it to the ISO group to define these things and see geodecade AP more as a kind of RDF model of the ISO 9105.

29:24 - 29:25 **Uwe Voges**  
Wouldn't this make sense?

29:26 - 29:28 **Byron Cochrane (OpenWork)**  
Yeah, it does to me.

29:28 - 29:29 **Byron Cochrane (OpenWork)**  
I'm very much in that camp.

29:30 - 29:43 **Byron Cochrane (OpenWork)**  
The question is, if we go that way, how does it align with other standards that we might want to be compatible with, as the mappings between them may or may not be that easy?

29:43 - 30:00 **Byron Cochrane (OpenWork)**  
That the idea in going with a simpler models in the GODCAD AP group was to better, more easily be adaptable other styles of metadata catalogs?

30:01 - 30:19 **Rob Atkinson**  
Yeah, I personally don't see there's too much conflict in that whatever definitions we choose, the methodology proposed is to start lifting them out of established standards and accepting those elements and definitions that the community decide is valuable.

30:19 - 30:37 **Rob Atkinson**  
So I see no reason why we can't, if you like, lift the ISO definitions up into a relevant piece of a geodecat extended ontology, extending the decat ontology.

30:37 - 30:43 **Rob Atkinson**  
And then when we have additional requirements from other metadata standards, we can bring those up.

30:43 - 30:48 **Rob Atkinson**  
And when we have more general, more specializable ones, we can bring those up relate them to the ISO one.

30:48 - 30:55 **Rob Atkinson**  
So my feeling is we can build the ontology out of the evidence base and the semantic grounding of those existing definitions.

30:57 - 30:57 **Rob Atkinson**  
But.

30:57 - 31:15 **Uwe Voges**  
I guess the problem is that currently already lots of organizations are managing their geospatial metadata in ISO 9115 conceptual model and they I guess they are not willing to replace this and to bring it to or to port it to another conceptual model.

31:15 - 31:46 **Uwe Voges**  
I guess they only want to have a GeoDKAT more as an.

31:46 - 31:49 **Rob Atkinson**  
Requirements, then the question is, why would you change?

31:49 - 31:53 **Rob Atkinson**  
And the answer is you would change is because you have a desire to change your technology base.

31:53 - 31:54 **Rob Atkinson**  
You want to stop using XML.

31:54 - 32:15 **Rob Atkinson**  
You want to use JSON, in which case, having an OGC API records JSON schema approach aligned to DCAT, which is also aligned to the ISO definitions explicitly because the ontology can make those alignments.

32:15 - 32:19 **Rob Atkinson**  
So that's one reason you want to change your technology.

32:19 - 32:26 **Rob Atkinson**  
And the other reason you might want to change is because you need much more metadata than you get out of the box with the ISO standard.

32:27 - 32:29 **Rob Atkinson**  
You need usable metadata, not discovery metadata.

32:30 - 32:32 **Rob Atkinson**  
And that's another reason why you might update.

32:33 - 32:40 **Rob Atkinson**  
But neither of those, I don't think are remotely require us to throw away the ISO conceptual model.

32:41 - 32:56 **Rob Atkinson**  
I just think we're engineering an ontology solution, not just an RDF encoding solution, because it gives us the ability to extend it for use cases that need more information than you get out of that model.

32:57 - 33:15 **Uwe Voges**  
Yes, but for example, if you have already defined this granularity, for example, what Chris asked for in the ISO model, then why do you want to the wheel in the geodecade AP model when it is already discussed and described and solved there?

33:18 - 33:23 **Rob Atkinson**  
Yeah, I guess my point is why wouldn't we just lift it from the ISO model and describe it?

33:23 - 33:39 **Rob Atkinson**  
Why would we just basically translate that to the ontology encoding of those with reference to the definitions and put the examples of this is what it looks like encoded in RDF and JSON, but it's still the same ISO model.

33:39 - 33:43 **Rob Atkinson**  
So I don't think we need to throw away the ISO models.

33:44 - 33:44 **Rob Atkinson**  
Yeah.

33:44 - 33:45 **Uwe Voges**  
There's lots of my.

33:45 - 33:48 **Rob Atkinson**  
Models as a sort of a semantic grounding for us.

33:49 - 33:50 **Byron Cochrane (OpenWork)**  
I think you guys are agreeing.

33:55 - 33:56 **Byron Cochrane (OpenWork)**  
Violent agreement there.

33:58 - 34:01 **Byron Cochrane (OpenWork)**  
All right, yeah, I like all that myself too.

34:01 - 34:26 **Byron Cochrane (OpenWork)**  
That's the way I envision it as being something that the beauty of using the RDF and DCAT in this case is that the extensibility and the idea of doing actually a 115 metadata record that has RDF encoding sounds really nice just for normalization of the data.

34:26 - 34:29 **Byron Cochrane (OpenWork)**  
Where you can repeat a lot of fields, and you can just reference.

34:29 - 34:29 **Uwe Voges**  
The same.

34:29 - 34:38 **Byron Cochrane (OpenWork)**  
Existing vocabularies and much more easily than you can in a standard XML or even Jason for that matter.

34:39 - 34:44 **Byron Cochrane (OpenWork)**  
So yeah, I don't see too much disagreement there on where we're at.

34:45 - 34:51 **Byron Cochrane (OpenWork)**  
So our basic use cases, theirs is largely on the discovery use case a bit more.

34:51 - 34:53 **Byron Cochrane (OpenWork)**  
I think we're a little bit more than that.

34:53 - 35:03 **Byron Cochrane (OpenWork)**  
There are a couple of issues and even with the, that second bullet point actually applies anyway.

35:03 - 35:12 **Byron Cochrane (OpenWork)**  
If we align it with the 115 standard, a decision of where our starting point on 115 is kind of important.

35:12 - 35:33 **Byron Cochrane (OpenWork)**  
In Europe, they haven't really moved beyond the 139 encoding, but in Australia and New Zealand, especially in Australia, we're only on 5-3-2023 to take advantage of things like Core.Depox and to support drifting continents and all that.

35:33 - 35:35 **Byron Cochrane (OpenWork)**  
And the better data quality measures.

35:37 - 35:38 **Byron Cochrane (OpenWork)**  
So that's.

35:38 - 35:39 **Peter Parslow**  
Some.

35:39 - 35:41 **Byron Cochrane (OpenWork)**  
Raise that as an issue, I.

35:41 - 35:41 **Peter Parslow**  
Think.

35:42 - 35:45 **Byron Cochrane (OpenWork)**  
After this discussion is, what do we align it with?

35:47 - 36:15 **Peter Parslow**  
Peter here, I'd say definitely the new, I say 1.9.1.1.5, but I'd align the aspect of that that we're starting from that and then building out as Simon said, but align it with the conceptual model 1.9.1.1.5 part one, not with the XML encoding specifically, because it's much easier to my mind to do that conceptual mapping and then you can sort out an encoding or not.

36:16 - 36:23 **Peter Parslow**  
It could be the discovery core of it, if you like, is aligned then with Geo DCAT AP because they're discovery-focused.

36:24 - 36:41 **Peter Parslow**  
We could start with the discovery core, but in 1.9.1.5-1, where it isn't defined as a discovery core, so in that sense, Geo DCAT AP gives us, okay, well, that's what they're thinking of as discovery, and then we build out from that to cover.

36:41 - 36:53 **Peter Parslow**  
Now, the point is, as we've discovered with 191.15 part four, if you say you want to cover the whole of 191.15, that pulls in nearly every other TC2.11 standard, and that becomes quite tricky.

36:54 - 36:56 **Peter Parslow**  
So that's where it gets use case driven.

36:57 - 37:12 **Peter Parslow**  
So for example, data quality is pretty much essential in people's metadata, and therefore you have to pull in most of 191.57, and therefore we may as well actually jump the gun and pull the new edition of 19157 and so on.

37:12 - 37:22 **Peter Parslow**  
So that's where it always gets a bit complicated as all standards move through life cycles.

37:22 - 37:23 **Byron Cochrane (OpenWork)**  
But I wouldn't.

37:23 - 37:28 **Peter Parslow**  
Recommend even for Europe's sake going with the old one.

37:28 - 37:38 **Peter Parslow**  
I think that doesn't help anybody particularly and the mapping from the old to new is quite well defined in the ISO side, so.

37:38 - 37:39 **Byron Cochrane (OpenWork)**  
If people.

37:39 - 37:58 **Peter Parslow**  
Want to know how to relate their old 19139 metadata to the new DCAT that's been grown out of the newer ISO standard, then a little supplementary document on making that old to new ISO version would be quite possible, but I don't think it needs to be this group's problem to sort out.

37:58 - 38:12 **Byron Cochrane (OpenWork)**  
Where they may end up with problems as if metadata is captured in the 115-3 and then they want to publish it back to the older standard, there can be some.

38:12 - 38:12 **Peter Parslow**  
Issues.

38:12 - 38:13 **Byron Cochrane (OpenWork)**  
There not in.

38:13 - 38:14 **Peter Parslow**  
General.

38:14 - 38:14 **Byron Cochrane (OpenWork)**  
Yes.

38:14 - 38:16 **Peter Parslow**  
There can be, but they're not.

38:16 - 38:17 **Peter Parslow**  
Yeah, that's true.

38:18 - 38:28 **Peter Parslow**  
But again, I'd say capture at the conceptual level, okay, the actual examples you would have would all be encoded presumably, or they could be sitting in a relational database and we're not encoded in anything.

38:29 - 38:34 **Peter Parslow**  
If you argue that, they're obviously encoded in a relational database, but.

38:35 - 38:35 **Peter Parslow**  
Yes.

38:36 - 38:36 **Byron Cochrane (OpenWork)**  
You've got to.

38:36 - 38:36 **Rob Atkinson**  
Say.

38:38 - 38:40 **Peter Parslow**  
Yeah, but encoded in some obscure.

38:40 - 38:40 **Rob Atkinson**  
Relational.

38:40 - 38:47 **Peter Parslow**  
Database, bits on a disk pro thing that you ignore, but yeah, they're conceptual rather than XML, let's say.

38:49 - 38:54 **Peter Parslow**  
So I would say don't constrain yourself to anything that's just a product with being an XML.

38:57 - 39:08 **Rob Atkinson**  
I mean, you could potentially also create profiles of GeoDecat for the two versions of the ISO standard, according to the required level of expressivity.

39:09 - 39:11 **Peter Parslow**  
Yeah, if we find a use case for that.

39:11 - 39:12 **Rob Atkinson**  
If we need to, yeah.

39:13 - 39:14 **Peter Parslow**  
Let's focus.

39:14 - 39:16 **Rob Atkinson**  
On the new one and move on, yeah.

39:18 - 39:18 **[speaker unknown]**  
Yes.

39:18 - 39:28 **Peter Parslow**  
And by that, when I say use case, I mean actual demand from people or influential organizations, let's say, rather than just imagining a use case that someone might find it useful.

39:31 - 39:34 **Peter Parslow**  
That's my thoughts on that second bullet point.

39:34 - 39:34 **Peter Parslow**  
Anyway.

39:36 - 39:38 **Uwe Voges**  
What about the dash two part?

39:38 - 39:43 **Uwe Voges**  
For example, I guess this relates to the Earth's observation beta data, right?

39:43 - 39:44 **Uwe Voges**  
This is, for.

39:44 - 39:44 **Peter Parslow**  
My.

39:44 - 39:46 **Uwe Voges**  
Work area, very important.

39:47 - 39:54 **Uwe Voges**  
And does it require another profile of geodecats, something like GeoDecade EO or so?

39:54 - 39:55 **Byron Cochrane (OpenWork)**  
Or.

39:55 - 39:57 **Uwe Voges**  
Would it be integrated into.

39:57 - 39:57 **Byron Cochrane (OpenWork)**  
Geodecade?

39:58 - 40:02 **Byron Cochrane (OpenWork)**  
If we align it with 115-3, it includes.

40:02 - 40:03 **Peter Parslow**  
The dash.

40:03 - 40:04 **Byron Cochrane (OpenWork)**  
Two as well.

40:04 - 40:06 **Byron Cochrane (OpenWork)**  
That's kind of the difference when they went to.

40:06 - 40:07 **Peter Parslow**  
That.

40:09 - 40:10 **Byron Cochrane (OpenWork)**  
In.

40:10 - 40:11 **Peter Parslow**  
2014, they.

40:11 - 40:19 **Byron Cochrane (OpenWork)**  
Changed the 115-1 and then encoded it in the dash three.

40:19 - 40:27 **Byron Cochrane (OpenWork)**  
That did include 1.9.1.1.9, 1.9.1.1.5-2.

40:28 - 40:29 **Uwe Voges**  
What was the Earth's observation part?

40:29 - 40:31 **Uwe Voges**  
Was it dash 2 or dash 3?

40:31 - 40:32 **Uwe Voges**  
Dash 2.

40:32 - 40:32 **Peter Parslow**  
Right?

40:33 - 40:34 **Byron Cochrane (OpenWork)**  
Dash 2, yes.

40:35 - 40:36 **Byron Cochrane (OpenWork)**  
So if.

40:36 - 40:50 **Peter Parslow**  
I'm lobbying for us focusing on the conceptual model, that means we're focusing on the conceptual models 1.9.1.1.5-1 and 1.9.1.1.5-2, which are both encoded in the XML implementation 191.15-3.

40:52 - 40:54 **Byron Cochrane (OpenWork)**  
Along with some.

40:54 - 41:02 **Peter Parslow**  
Other things which actually belong to 191.03, 191.1, 191.2, 191.3, and so on.

41:04 - 41:06 **Peter Parslow**  
Because what's a character string?

41:06 - 41:12 **Peter Parslow**  
It isn't defined in 191.5 part one, it's defined in another standard, but it's fairly obvious.

41:12 - 41:14 **Peter Parslow**  
You could argue what a character string is.

41:16 - 41:20 **Peter Parslow**  
But yeah, so that means that we.

41:20 - 41:28 **Uwe Voges**  
Would need something like classes for, for example, for sensors, for satellites and instruments and so on.

41:29 - 41:29 **Byron Cochrane (OpenWork)**  
So this.

41:29 - 41:52 **Peter Parslow**  
Is the first bullet point, so do we start with the GeoDecat AP scope, which doesn't include those things, and then which aspects of the rest of the 19115 family do we add and this observation area has probably got quite a strong contender.

41:52 - 42:01 **Peter Parslow**  
There's a certain amount of data quality in the Inspire scope but only a very specific bit, if you like, or a subset.

42:02 - 42:12 **Rob Atkinson**  
This could emerge as we sort of get examples and evidence of requirements from examples and existing metadata specifications but.

42:12 - 42:13 **Peter Parslow**  
I.

42:13 - 42:38 **Rob Atkinson**  
Strongly suspect that there is an opportunity to be much more aggressively modular about the approach because we see that trend in OGC specs in general as we move towards more granular conformance classes in the specs as we iterate generations of them and I would see probably no reason not to look at implementing a core.

42:39 - 42:45 **Rob Atkinson**  
A part of the 91.5-1 or 2.

42:45 - 42:57 **Rob Atkinson**  
If we basically have a set of things which can be encapsulated as a conformance class, which you could choose to implement or not, we shouldn't bundle it all in together unnecessarily.

42:59 - 43:02 **Rob Atkinson**  
We should try to optimise the modularity.

43:03 - 43:12 **Rob Atkinson**  
But whichever way we do it, let's start putting examples on the table and start running them through, and then work out where the natural packaging lines occur.

43:14 - 43:16 **Rob Atkinson**  
Because if you find you always need a MB together, you package them together.

43:17 - 43:25 **Rob Atkinson**  
But if C is something which you often don't need, and it's quite complicated, like data quality or something, okay, right, well, let's put that as an extra extension module.

43:28 - 43:28 **Uwe Voges**  
In.

43:28 - 43:47 **Peter Parslow**  
The 1.1.5 world, there is a strong attempt at that using UML packages, which are then expressed as XML namespaces, but whether they've got that partitioned into different parts right or not is still, I guess, up for discussion.

43:49 - 43:52 **Peter Parslow**  
And it isn't done in terms of conformance classes in there.

43:52 - 43:53 **Peter Parslow**  
It's just done in here.

43:53 - 43:59 **Peter Parslow**  
A UML package but the idea was you might say okay I only want these three packages I don't want that earth observation package or I don't want.

43:59 - 44:05 **Peter Parslow**  
That later quality package because I'm just going to give you a one summary sentence or something.

44:06 - 44:06 **Peter Parslow**  
Yeah.

44:06 - 44:15 **Rob Atkinson**  
So let's assume that we will follow a similar sort of packaging design philosophy for geodecatch by creating core and extension profiles.

44:17 - 44:31 **Rob Atkinson**  
That'll be the way I would suggest it's going to be easiest to do it because we can then develop it more and test it more incrementally with specific scopes with specific sub communities are interested in a particular part.

44:38 - 45:00 **Glenn Laughlin**  
So Rob if I could ask a question on that then what is the role of some of the other OTC standards like the developing connected systems or sensor things what role did they play in this because we need metadata for the connected systems framework or OMS so do they become application profiles of DoDKAT specific to their subject matter?

45:01 - 45:01 **Glenn Laughlin**  
They can.

45:01 - 45:01 **Rob Atkinson**  
Work.

45:01 - 45:01 **Glenn Laughlin**  
Backwards.

45:02 - 45:11 **Rob Atkinson**  
That's what the RMS working group plan is my understanding.

45:13 - 45:16 **Glenn Laughlin**  
Only because I've tabled it there, but we haven't made any progress on it.

45:17 - 45:20 **Rob Atkinson**  
Well, I've heard it from at least three different sources.

45:20 - 45:21 **Glenn Laughlin**  
Okay.

45:21 - 45:27 **Rob Atkinson**  
Basically that's the, so now you may have tabled, but it's certainly been picked up if that's the case.

45:28 - 45:30 **Rob Atkinson**  
That makes perfect sense to me.

45:31 - 45:42 **Rob Atkinson**  
I'm currently actually working, looking at trying to work on the alignment between connected systems, sensor things API, observations and measurements.

45:43 - 46:01 **Rob Atkinson**  
I'm actually currently doing some work on that, and it's all made more complicated by the fact that connected systems want to go to OpenAPI 3.0 and everybody else is still stuck on 3.1, sorry, they want to move to 3.1, which has more elegant schema definition mechanisms.

46:02 - 46:08 **Rob Atkinson**  
So we're currently working on down compiling so they can have their cake and eat it too, which is another whole bunch of issues.

46:09 - 46:19 **Rob Atkinson**  
But yeah, my feeling is that we start the process of building our test cases.

46:19 - 46:41 **Rob Atkinson**  
So, let's actually have a look at what happens if you take a record where you describe a bunch of concepts, and then we may find that those concepts are described in three or four different, no, we have an ISO standard, we have a, you know, we potentially have a stack extension which defines the same sort of thing.

46:42 - 46:45 **Rob Atkinson**  
We find the connector systems have described those things.

46:46 - 46:54 **Rob Atkinson**  
If they've all done it slightly differently, then we have to work out how we do that in GRDCAT.

46:55 - 47:01 **Rob Atkinson**  
And the answer may be we look at those things and choose, okay, well, we'll follow the ISO stuff and create a mapping to the other ones.

47:01 - 47:05 **Rob Atkinson**  
I mean, it might be a perfectly reasonable way of approaching it.

47:05 - 47:10 **Rob Atkinson**  
Or we might say these are subtly different and what we'll do is we'll model both of them and the relationship between them.

47:10 - 47:26 **Rob Atkinson**  
I mean, I, I'm, by personal feeling, it's having done an awful lot of data modeling is it's complicated enough that I'd rather just have examples in my hand and start working through them, rather than try to second guess the best solution.

47:29 - 47:37 **Rob Atkinson**  
I think being systematic about trying to develop and test ideas out with examples.

47:39 - 47:46 **Rob Atkinson**  
And it seems to be a much easier pathway to reaching agreement.

47:47 - 47:51 **Rob Atkinson**  
We know what we're talking about, then kind of try to do it theoretically.

47:52 - 47:53 **Glenn Laughlin**  
No, agreed, agreed.

47:54 - 47:56 **Glenn Laughlin**  
I think we're coming up the same problem from a different angle.

47:57 - 48:01 **Glenn Laughlin**  
So if I can be involved with that conversation, I'd be happy to.

48:02 - 48:11 **Rob Atkinson**  
Well, absolutely, and the work I've started in terms of a test harness for GeoDKat as building blocks is there to play with.

48:12 - 48:23 **Rob Atkinson**  
So if you want some help, if anybody wants help getting engaged with starting playing with examples, I'm more than happy to do screen shares and hold people's hands as they get involved or whatever.

48:24 - 48:28 **Rob Atkinson**  
In the meantime, I'll just keep chipping away at various examples as they emerge in the conversations.

48:29 - 48:29 **Rob Atkinson**  
Okay.

48:29 - 48:35 **Glenn Laughlin**  
I'll chase you on that thing, because it is, again, something I want to talk to at the Marine Dewey session.

48:36 - 48:37 **Rob Atkinson**  
Yeah.

48:38 - 48:38 **Glenn Laughlin**  
So, okay, great.

48:39 - 48:39 **Glenn Laughlin**  
Thank you.

48:44 - 48:45 **Danny Vandenbroucke**  
Glenn, a question.

48:45 - 48:49 **Danny Vandenbroucke**  
Will you be also there on Friday to contribute?

48:50 - 48:52 **Glenn Laughlin**  
Unfortunately, no, my flight comes back on the Thursday.

48:53 - 48:54 **Danny Vandenbroucke**  
I.

48:54 - 49:00 **Glenn Laughlin**  
Didn't realize there was any overflow on the Friday, because it looked like everything was ending on Thursday at noon.

49:01 - 49:02 **Danny Vandenbroucke**  
Okay, okay.

49:04 - 49:04 **Danny Vandenbroucke**  
I'm.

49:04 - 49:10 **Glenn Laughlin**  
Quite available any evening, any night, anytime you want to head out and we can do this offline.

49:11 - 49:12 **Danny Vandenbroucke**  
Yeah, okay.

49:13 - 49:13 **Danny Vandenbroucke**  
Good to know.

49:14 - 49:14 **Danny Vandenbroucke**  
Thanks.

49:23 - 49:23 **Byron Cochrane (OpenWork)**  
Okay.

49:23 - 49:25 **Byron Cochrane (OpenWork)**  
I think I'll skip over this a little bit.

49:25 - 49:33 **Byron Cochrane (OpenWork)**  
I just had this in if we wanted to look at some of the Geo DCAT AP work and how it compares.

49:33 - 49:43 **Byron Cochrane (OpenWork)**  
But we've talked about a lot of the issues that are there and stepping through the GitHub of issues is what I thought we might do, but they haven't resolved many of those anyways.

49:44 - 49:50 **Byron Cochrane (OpenWork)**  
So I don't know if it's that useful to say which ones, which direction will take them or not.

49:51 - 49:58 **Byron Cochrane (OpenWork)**  
Kind of following on to say, if there's a core, then how do we, do we have to change the way they've done it?

49:58 - 50:08 **Byron Cochrane (OpenWork)**  
There could be a few spots, I think, that if we want ours to be a little more extensible and beyond the discovery and map a little better.

50:08 - 50:11 **Byron Cochrane (OpenWork)**  
I think there's a few different approaches we may take.

50:11 - 50:15 **Byron Cochrane (OpenWork)**  
That's something we can look at a little more since we're just about on the top of the hour.

50:16 - 50:17 **Byron Cochrane (OpenWork)**  
We can look at that another time.

50:20 - 50:29 **Byron Cochrane (OpenWork)**  
Yeah, so any other business, the different granularity of metadata and data was a topic that Chris Little brought up.

50:29 - 50:35 **Byron Cochrane (OpenWork)**  
Did you want to, would you like to have further discussion on that for the last couple of minutes?

50:43 - 50:44 **Chris Little**  
I was going to say no.

50:47 - 50:48 **Byron Cochrane (OpenWork)**  
All right, that's fine.

50:48 - 50:48 **Byron Cochrane (OpenWork)**  
We can.

50:48 - 50:49 **Chris Little**  
Add.

50:49 - 50:51 **Chris Little**  
Because their recommendations are very generic.

50:52 - 50:54 **Chris Little**  
They're aimed at kind of the academic community in a way.

50:56 - 51:04 **Chris Little**  
And what I've done is kind of occasionally inject use cases other than academic archives in the university.

51:06 - 51:12 **Chris Little**  
But yeah, it gives you some dimensions to look at, that's all.

51:12 - 51:13 **Byron Cochrane (OpenWork)**  
All right.

51:13 - 51:17 **Byron Cochrane (OpenWork)**  
Would you like that thrown into the discussion for the next metadata meeting?

51:17 - 51:18 **Byron Cochrane (OpenWork)**  
Or for our next meeting?

51:20 - 51:25 **Chris Little**  
I think I'd rather wait until they finalize their recommendations, right?

51:25 - 51:25 **Byron Cochrane (OpenWork)**  
They're just.

51:25 - 51:26 **Chris Little**  
Drafting them out.

51:27 - 51:32 **Chris Little**  
There's an RDA plenary coming up somewhere in the world, and that's when they get endorsed.

51:33 - 51:39 **Chris Little**  
So perhaps wait till that's finished and they are endorsed as formal recommendations, then.

51:39 - 51:40 **Byron Cochrane (OpenWork)**  
I think it's.

51:40 - 51:44 **Chris Little**  
A bit late to influence them, but I did try and influence them a while ago.

51:46 - 51:47 **Byron Cochrane (OpenWork)**  
All right, sounds good.

51:48 - 51:54 **Byron Cochrane (OpenWork)**  
So our next meeting is scheduled for the 23rd of May, back on a Thursday again.

51:56 - 52:03 **Byron Cochrane (OpenWork)**  
And so noon time and Central European, uh it should be daylight time right not standard time.

52:05 - 52:10 **Byron Cochrane (OpenWork)**  
Is that how it's called not sure anyway and.

52:10 - 52:14 **Chris Little**  
Yes it's called cst in europe summer.

52:17 - 52:38 **Byron Cochrane (OpenWork)**  
Summer time right yes summer and uh i don't have any proposed agenda items yet, but if anyone would like to email and send them through.

52:40 - 52:49 **Byron Cochrane (OpenWork)**  
There is another, one of the things coming up is next week there's another Geo DCAT AP meeting, working meeting that I'll try to sit in on.

52:49 - 53:02 **Byron Cochrane (OpenWork)**  
I'm not going to be able to be there at the beginning of it, but I hope to make the majority of it and get all the notes and slides and everything so I can of the pullouts, whatever might be of interest.

53:04 - 53:24 **Byron Cochrane (OpenWork)**  
And my takeaway is I want to work on summarizing a bit of what we were discussing today into some kind of that's use case drivers and such so we have those kind of clear on what our role is and how we see this going forward.

53:25 - 53:28 **Byron Cochrane (OpenWork)**  
And Danny, if you could do.

53:28 - 53:33 **Byron Cochrane (OpenWork)**  
The advertisement for people to attend.

53:33 - 53:34 **Danny Vandenbroucke**  
The.

53:34 - 53:38 **Byron Cochrane (OpenWork)**  
Outreach and attend the metadata workshop.

53:40 - 53:40 **Byron Cochrane (OpenWork)**  
Yep.

53:40 - 53:40 **Byron Cochrane (OpenWork)**  
We'll do.

53:40 - 53:41 **Danny Vandenbroucke**  
That.

53:42 - 53:42 **Byron Cochrane (OpenWork)**  
Excellent.

53:43 - 53:46 **Margie Smith**  
One other thing, is Rob going to chase up with the University of New South Wales for.

53:46 - 53:47 **Byron Cochrane (OpenWork)**  
The code.

53:47 - 53:48 **Margie Smith**  
Sprint?

53:49 - 53:51 **Rob Atkinson**  
Yep, I can do that.

53:54 - 53:55 **Byron Cochrane (OpenWork)**  
Excellent.

53:56 - 53:56 **Byron Cochrane (OpenWork)**  
Thank you.

53:59 - 53:59 **Byron Cochrane (OpenWork)**  
All right.

53:59 - 54:02 **Byron Cochrane (OpenWork)**  
Well, if anyone have anything else?

54:03 - 54:08 **Rob Atkinson**  
Just for next agenda, I'll definitely have had a chance to do a little bit more.

54:08 - 54:08 **Uwe Voges**  
Work.

54:08 - 54:14 **Rob Atkinson**  
Progressing some testing and mapping various things through DECAT.

54:14 - 54:17 **Rob Atkinson**  
And then the leftovers candidates for GeoDECAT.

54:28 - 54:32 **Rob Atkinson**  
And as always, if people have examples, throw them in the repository.

54:35 - 54:39 **Rob Atkinson**  
Of any other standards that.

54:39 - 54:41 **Rob Atkinson**  
They want to test against.

54:42 - 54:51 **Rob Atkinson**  
For examples of various profiles of ISO data or anything else.

54:58 - 55:03 **Margie Smith**  
Can I just clarify, Chris, you mentioned about the RDA.

55:06 - 55:12 **Margie Smith**  
What was the actual recommendation or the working group to do with that?

55:13 - 55:16 **Chris Little**  
The working group is called the working group on data granularity.

55:17 - 55:26 **Chris Little**  
There were several other parallel working groups on data citation, citation for dynamic data and.

55:29 - 55:31 **Chris Little**  
Let me just give you.

55:34 - 55:38 **Chris Little**  
Well I put a link in the chat that should point you to the draft document in Google.

55:43 - 55:48 **Chris Little**  
And that, I think, has some links to other places.

55:48 - 55:52 **Chris Little**  
Basically, there's seven recommendations, very generic.

55:59 - 56:00 **Byron Cochrane (OpenWork)**  
Ok.

56:02 - 56:02 **Byron Cochrane (OpenWork)**  
And.

56:02 - 56:14 **Chris Little**  
In a sense, they're best taken in the context of their other recommendations from a while ago about citation of data, how to cite it, please use a permanent reference, and all that stuff.

56:17 - 56:18 **Chris Little**  
Persistent, I mean.

56:19 - 56:19 **Chris Little**  
If.

56:26 - 56:31 **Chris Little**  
I remember correctly, the groups they had were.

56:38 - 56:41 **Chris Little**  
Data citation, data discovery, data granularity.

56:56 - 56:56 **Margie Smith**  
All right.

56:56 - 56:57 **Danny Vandenbroucke**  
Well.

56:58 - 57:03 **Byron Cochrane (OpenWork)**  
Sensing we can call this meeting to a close unless anyone else, anyone has any last-minute business?

57:07 - 57:07 **Danny Vandenbroucke**  
No.

57:08 - 57:13 **Byron Cochrane (OpenWork)**  
All right, well, thank you everyone for your time, and we'll see you next time.

57:13 - 57:16 **Margie Smith**  
Thank you very much.

57:16 - 57:16 **Margie Smith**  
Thank.

57:16 - 57:16 **Uwe Voges**  
You.

57:17 - 57:18 **Fabio Vinci (Epsilon Italia)**  
Bye.