**OGC GeoDCAT SWG**  
  
July 4, 2024 . 9:57 PM . ID: 791037533 **Transcript**

00:01 - 00:03 **Byron Cochrane (OpenWork)**  
This conference will now be recorded.

00:04 - 00:05 **Byron Cochrane (OpenWork)**  
There we go.

00:06 - 00:21 **Byron Cochrane (OpenWork)**  
So, yeah, like I said, I don't really have a whole lot to, I didn't, it's been a crazy time for me with politics here has created a situation where there was a lot of scrambling for the end of fiscal year to get a lot done.

00:22 - 00:27 **Byron Cochrane (OpenWork)**  
Which I had to get done before the end of last week, but some of it's built over to this week.

00:28 - 00:38 **Byron Cochrane (OpenWork)**  
And so I haven't been able to put the focus on this that I hoped to, but I wanted to hold the meeting, but we actually had the meeting, and I think that's kind of important to keep a regular cadence.

00:39 - 01:01 **Byron Cochrane (OpenWork)**  
And there's several elements that feel like kind of a good time to kind of reflect, particularly on the OGCTC workshop that we had, and the TC211, I'd like to get to your report on that, Peter, a little more than what you were just talking about.

01:03 - 01:12 **Byron Cochrane (OpenWork)**  
And what else, kind of going forward on that, especially about the 115-1 review on that, if you know anything, if anything.

01:12 - 01:13 **Peter Parslow**  
Was discussed.

01:13 - 01:14 **Byron Cochrane (OpenWork)**  
That way.

01:15 - 01:35 **Byron Cochrane (OpenWork)**  
The other thing coming up next week is OGC TC, Code Sprint that I'm not sure if anyone here is attending or not, but if there is, I'd like to get some feedback on that, anticipation of what's happening and such.

01:35 - 01:37 **Byron Cochrane (OpenWork)**  
I haven't had much visibility on that.

01:40 - 01:52 **Byron Cochrane (OpenWork)**  
Perhaps we start with you, Peter, on what happened to anything of interest at the ISO meeting, and how that might impact anything that we're doing in this GOP chat.

01:54 - 02:02 **Peter Parslow**  
I'm just trying to think, a lot happened in a week, and I'm not sure how much of it is particularly, I'll avoid mentioning all the things that aren't relevant to this.

02:06 - 02:07 **Peter Parslow**  
So.

02:10 - 02:17 **Peter Parslow**  
I'm just scrabbling around for my evidence about 191.15, part one.

02:19 - 02:21 **Peter Parslow**  
So, because I do remember was discussed.

02:21 - 02:25 **Peter Parslow**  
I'm trying to remember where it was discussed and what was the conclusion of that discussion.

02:27 - 02:28 **Peter Parslow**  
I think I'll get there in a minute.

02:28 - 02:31 **Peter Parslow**  
Right, I remember where it was discussed.

02:31 - 02:33 **Peter Parslow**  
That should help me find it.

02:34 - 02:43 **Peter Parslow**  
I would say obviously there was a 191.5 part four, let's say obviously, project meeting and that's translating forwards.

02:49 - 02:57 **Peter Parslow**  
And I will encourage Paul at least to stay on bit in Australia.

02:57 - 03:00 **Peter Parslow**  
I'm pretty sure he'll be funded to travel to Australia.

03:07 - 03:18 **Peter Parslow**  
So, right, so there was discussion about 19115 Part 2, which is the metadata extensions for acquisition and processing that's in the past concentrated largely on imagery and Earth observation.

03:21 - 03:44 **Peter Parslow**  
That has passed through its systematic review with a couple of countries voting to revise it but the reasons to revise it were not substantial and it was decided to postpone a revision until the JSON Schema implementation was finalized so that there's a chance to learn anything that the JSON Schema wants to feed back to that part two.

03:44 - 03:49 **Peter Parslow**  
I don't see a part one discussion in the meeting.

03:49 - 03:51 **Peter Parslow**  
I thought it was discussed it.

03:55 - 04:00 **Peter Parslow**  
That's probably, it's not as bad as an OGC meeting for the number of parallel things going on.

04:02 - 04:02 **Byron Cochrane (OpenWork)**  
But.

04:02 - 04:04 **Peter Parslow**  
Let's take a little while to get your head around.

04:05 - 04:15 **Peter Parslow**  
So yeah, I don't think part one isn't up or it is under review it says, but I haven't seen.

04:28 - 04:33 **Peter Parslow**  
So I think it would remain, it would still be under review still for a while.

04:33 - 04:47 **Peter Parslow**  
And they have a, unlike OGC, they have a fairly strict rule in ISO that when something's out for vote, countries aren't allowed to sort of talk about it in the sense that it might be seen as encouraging other countries to change the way they were going to vote.

04:47 - 04:51 **Peter Parslow**  
So which means during, at least during the formal meeting weeks, that doesn't happen.

04:51 - 04:58 **Peter Parslow**  
Of course, what people do between meetings is harder to have any control over.

04:59 - 05:02 **Peter Parslow**  
So that might be why there wouldn't have been anything.

05:02 - 05:03 **Peter Parslow**  
Where are we?

05:06 - 05:15 **Peter Parslow**  
I don't even see that the review ballot is actually open, which is so I'm getting ambiguous information from the Yeah.

05:15 - 05:16 **Byron Cochrane (OpenWork)**  
I can't remember quite.

05:16 - 05:16 **Peter Parslow**  
The.

05:16 - 05:17 **Byron Cochrane (OpenWork)**  
System.

05:17 - 05:31 **Byron Cochrane (OpenWork)**  
Yeah, as we were talking about, I was talking about it with Richard recently, and I don't think that it hasn't been confirmed that it'll be reviewed is my understanding, but it's it's a poor review.

05:33 - 05:33 **Peter Parslow**  
And I.

05:33 - 05:43 **Byron Cochrane (OpenWork)**  
Know there's a number of parties that that are kind of fairly King DigiWig was kind of supporting the review.

05:43 - 05:46 **Byron Cochrane (OpenWork)**  
It's what I've heard from Australia.

05:47 - 05:50 **Byron Cochrane (OpenWork)**  
And a few others have been.

05:50 - 05:55 **Byron Cochrane (OpenWork)**  
But how comprehensive it is, is not clear.

05:56 - 06:15 **Byron Cochrane (OpenWork)**  
And the reason I think it's kind of to discuss here is that as kind of the conceptual model for spatial metadata, do we want to feed back into that with some of the findings of where we go with this standard alignment with this to 115?

06:16 - 06:17 **Byron Cochrane (OpenWork)**  
Is there anything in that?

06:18 - 06:25 **Byron Cochrane (OpenWork)**  
So it's not something that we have to get into in detail at this moment, but it's just kind of a background.

06:27 - 06:38 **Peter Parslow**  
Yeah, so I've got ambiguous information for the ISO public website says it's currently up for review, but I can't actually see the ballot internally to know when that review is supposed to end.

06:38 - 06:39 **Peter Parslow**  
But.

06:39 - 06:39 **Byron Cochrane (OpenWork)**  
I will.

06:39 - 06:41 **Peter Parslow**  
Separate between review and revision.

06:41 - 06:51 **Peter Parslow**  
So review is every five years you're just reminded to have to check the things still valid, whereas revisions can be initiated if there's enough desire to do one.

06:54 - 06:58 **Peter Parslow**  
So in June, the position would be the same then.

06:59 - 07:05 **Peter Parslow**  
So I said at that point, there are sufficient comments already known that the revision seems appropriate.

07:06 - 07:10 **Peter Parslow**  
So the national standards bodies have to put someone up to lead the revision.

07:12 - 07:27 **Peter Parslow**  
Although it has to be a national standards body who proposes the revision, but people like DigiWeek and so on and OGC as liaison partners can then get engaged in that revision, just so that slight difference between the sort of voting and non-voting members.

07:31 - 07:39 **Peter Parslow**  
So, in a sense, there's no time scale for, you know, that you have to propose a revision by this time or it won't happen for five years.

07:39 - 07:42 **Peter Parslow**  
I mean, that's a bit of a myth that goes around.

07:42 - 07:46 **Peter Parslow**  
As I put it in that email, the five-year review is just a nudge to the committee to think about it.

07:48 - 07:53 **Peter Parslow**  
The question now is, who would lead such review?

07:53 - 07:54 **Peter Parslow**  
And.

07:54 - 07:54 **Byron Cochrane (OpenWork)**  
If.

07:54 - 08:02 **Peter Parslow**  
There's a desire from someone in OGC or DigiWeek to lead the review, then we can probably arrange that through their national standards body.

08:04 - 08:13 **Peter Parslow**  
Byron, hypothetically, if you wanted to lead the revision project, I'm sure that Standards Australia would be able to propose the project and nominate you as the leader.

08:13 - 08:22 **Peter Parslow**  
I'm not saying you do, but the same would apply to someone from Digiwig or European Commission or whoever, who are liaison bodies with this.

08:22 - 08:26 **Peter Parslow**  
So it's in that we think it should be revised, but we haven't got a volunteer yet at this stage.

08:28 - 08:45 **Peter Parslow**  
And the comments saying, you know, why it should be revised or on our public standards tracker, which has got an awful lot of things on it.

08:45 - 08:56 **Peter Parslow**  
But I'll put a link in which should filter them to just being the 19115 part 1 comments, as opposed to every other standard and comments on it.

09:02 - 09:05 **Peter Parslow**  
I need to get better at using GitHub to filter that properly.

09:06 - 09:06 **Peter Parslow**  
Let's try that.

09:10 - 09:19 **Peter Parslow**  
So if people are interested or if you want to add to them, this is putting a thing in the chat is where you can put in.

09:22 - 09:22 **Peter Parslow**  
Comments.

09:22 - 09:27 **Peter Parslow**  
So there's 16 comments in there of things people would like to have changed in 191.15.

09:28 - 09:35 **Peter Parslow**  
Although one of them is saying, make a decap profile of it so that it's not changing so much as publish something else alongside it.

09:37 - 09:37 **Peter Parslow**  
Yeah.

09:37 - 09:38 **Byron Cochrane (OpenWork)**  
Yeah.

09:38 - 09:40 **Byron Cochrane (OpenWork)**  
Well, that's interesting comment on the...

09:40 - 09:52 **Peter Parslow**  
Yeah, that was brought up a couple of years ago saying, you know, I so should actually publish a decap profile of 19115 part one, but we haven't got around to it.

09:52 - 09:52 **Byron Cochrane (OpenWork)**  
Yeah.

09:52 - 09:53 **Peter Parslow**  
That's a good idea.

09:53 - 09:54 **Peter Parslow**  
Who would like to lead that?

09:56 - 09:58 **Byron Cochrane (OpenWork)**  
It's fallen on the OGC to come up with that.

09:58 - 09:59 **Byron Cochrane (OpenWork)**  
That's what we're doing.

10:01 - 10:02 **Byron Cochrane (OpenWork)**  
Or could be.

10:02 - 10:03 **Byron Cochrane (OpenWork)**  
We're not necessarily doing.

10:03 - 10:04 **Peter Parslow**  
That now.

10:04 - 10:04 **Peter Parslow**  
Yes.

10:04 - 10:05 **Byron Cochrane (OpenWork)**  
The question.

10:05 - 10:05 **Peter Parslow**  
Is.

10:06 - 10:10 **Byron Cochrane (OpenWork)**  
Would that something that we want to begin to address in this group?

10:10 - 10:13 **Alexandra Kokkinaki**  
Yeah, can I add something on that?

10:15 - 10:18 **Alexandra Kokkinaki**  
So, I'll introduce myself first.

10:19 - 10:20 **Alexandra Kokkinaki**  
So, my name is Alexandra Kokinaki.

10:20 - 10:22 **Alexandra Kokkinaki**  
I had some emails with Byron.

10:23 - 10:26 **Alexandra Kokkinaki**  
I work in the National Oceanography Centre in the UK.

10:27 - 10:32 **Alexandra Kokkinaki**  
And I participate in a Blue Cloud European project.

10:32 - 10:39 **Alexandra Kokkinaki**  
So, we are on the marine domain mainly, but we do a lot of cross-discipline interoperability projects.

10:42 - 10:53 **Alexandra Kokkinaki**  
The main infrastructure we are working with is cDataNet, and all of the data in cDataNet are ISO19105 and 139.

10:54 - 11:08 **Alexandra Kokkinaki**  
And currently we are working in a project where we use GeoDAB, which is a broker that harmonizes different formats to ISO19105.

11:08 - 11:10 **Alexandra Kokkinaki**  
And we have converted it to DCAT.

11:12 - 11:25 **Alexandra Kokkinaki**  
So we already have done the mappings from 19115 to DCAT to a profile that is useful to our scientists.

11:26 - 11:34 **Alexandra Kokkinaki**  
So this is done in the context of another EU project called Fairies, which is cross-disciplinary.

11:34 - 11:37 **Alexandra Kokkinaki**  
I can put the links in the chat about the projects.

11:38 - 11:43 **Alexandra Kokkinaki**  
We have a GitHub repo where we have the Decat profile that we use.

11:44 - 11:57 **Alexandra Kokkinaki**  
And at the same time, the GeoDAB, this broker, uses a mapping that currently is ingrained in the code.

11:58 - 12:10 **Alexandra Kokkinaki**  
But we want to get the mapping out of there and actually submit it in this new registry repository that is being created by EOSC.

12:11 - 12:28 **Alexandra Kokkinaki**  
So there is an EOSC project, Faircore for EOSC, that is creating this mapping repository, where you can actually submit crosswalks between different schemas, like DCAT and ISO 19105.

12:29 - 12:34 **Alexandra Kokkinaki**  
We participated in a meeting, the Fair Impact Project.

12:36 - 12:44 **Alexandra Kokkinaki**  
That is really interested in this cross collaborations and all about semantics, metadata and all of that.

12:45 - 12:59 **Alexandra Kokkinaki**  
So we will be as part of this project, we will be submitting this mapping into this repository so that anybody that wants to actually leverage it can start from there.

13:01 - 13:02 **Peter Parslow**  
Interesting.

13:03 - 13:08 **Byron Cochrane (OpenWork)**  
So is this aligned with the Geo DCAT AP from CEMEC?

13:08 - 13:09 **Byron Cochrane (OpenWork)**  
That was.

13:09 - 13:10 **Alexandra Kokkinaki**  
The...

13:10 - 13:19 **Alexandra Kokkinaki**  
Yeah, so that's a good point, because unfortunately, when we created our profile, this wasn't there already.

13:20 - 13:23 **Alexandra Kokkinaki**  
So I may need to go back and...

13:23 - 13:31 **Alexandra Kokkinaki**  
I mean, it is aligned with the AP, not the Geo Decat API, I.

13:31 - 13:31 **Byron Cochrane (OpenWork)**  
Think.

13:32 - 13:33 **Byron Cochrane (OpenWork)**  
Oh, okay.

13:34 - 13:34 **Alexandra Kokkinaki**  
Yeah.

13:36 - 13:43 **Alexandra Kokkinaki**  
So we may need to go back and align it a little bit, so it still undergoes changes.

13:46 - 13:48 **Alexandra Kokkinaki**  
And I think that's the next thing that we need to be doing.

13:50 - 13:56 **Alexandra Kokkinaki**  
We'll also map to schema.org, as it's already like Decat is already mapped to schema.org.

13:58 - 14:02 **Peter Parslow**  
Alexander, sorry Byron, hijacking your meeting a bit, the UK thing.

14:02 - 14:13 **Peter Parslow**  
So, Alexander, in the UK, the UK has a profile of 191.15.2003, which is the one with the 191.39 encoding that Inspire is still using.

14:14 - 14:31 **Peter Parslow**  
And we've got an open task to map from that to DCAT, which we're basing on the mapping from the W3C did from 191.15.2003 to DCAP version 2, which is not too hard to update to version 3.

14:31 - 14:39 **Peter Parslow**  
And also on the one that the European do, Andreo Parrego in the European Commission did.

14:40 - 14:41 **Peter Parslow**  
But they're broadly the same.

14:41 - 14:54 **Peter Parslow**  
The only sticking point seems to be how to handle something that in DCAP would be expressed as multiple distributions of a data set and 191.5 has to be kind of a couple of two metadata records about the data set or something.

14:55 - 15:09 **Peter Parslow**  
So it would be helpful to see what the National Otoronarvic Centre has done in order to make sure that we fit with that as well as far as possible on behalf of the UK metadata profile.

15:10 - 15:31 **Peter Parslow**  
We're all in this sort of, so in Europe Byron would know that we're still in this, you know, do we move forward from the old version of 191.5 to the new version or do we actually head off to the world of DCAT instead and actually the current one I'm on at all except for the difficulty about expressing data quality stuff very well in DCAT.

15:33 - 15:48 **Alexandra Kokkinaki**  
I mean data quality is a different issue that we are all facing but there is the they have the DQV ontology so the DQV vocabulary where you can actually associate quality measurements with data sets.

15:49 - 16:00 **Alexandra Kokkinaki**  
We have been talking for a while with several other disciplines about creating a quality framework.

16:00 - 16:04 **Alexandra Kokkinaki**  
And I don't know if you, that is similar to the iAdopt framework.

16:05 - 16:07 **Alexandra Kokkinaki**  
I don't know if you have heard of the iAdopt.

16:08 - 16:09 **Peter Parslow**  
So.

16:09 - 16:14 **Alexandra Kokkinaki**  
This is a framework to describe observable properties.

16:15 - 16:22 **Alexandra Kokkinaki**  
So for us, it is very, very important in every data set to describe what it observes.

16:24 - 16:28 **Alexandra Kokkinaki**  
And these observable properties can be very, very detailed.

16:31 - 16:36 **Alexandra Kokkinaki**  
So each scientist and its domain can express them very differently.

16:37 - 16:53 **Alexandra Kokkinaki**  
So through the iAdopt framework, we express like, for every observable property has a property, an object of interest, and a matrix, and you can get these terms from other vocabularies.

16:53 - 17:16 **Alexandra Kokkinaki**  
I can share the link with you, but it helps a lot in interoperability, especially when you want to go up and down the granularity level of sensing for that just observe oxygen and then oxygen in the blood or oxygen in the air or oxygen in the water that would be dissolved or several of these stuff.

17:17 - 17:29 **Alexandra Kokkinaki**  
So the idea was to create a framework for quality as well so that good in your domain is maps to something else in my domain.

17:30 - 17:53 **Alexandra Kokkinaki**  
And that we know that this data is like good or bad or whatever the quality flag is, we know how to map it between each other, especially nowadays that citizen science is going up a lot and we would like to be able to include this data but also be able to know how much you can trust them.

17:54 - 17:56 **Alexandra Kokkinaki**  
So there is work that is happening there.

17:59 - 18:14 **Alexandra Kokkinaki**  
My suggestion is to go to DCAT and use RDF, which is much more modular and it's part of the knowledge graphs that are being created rather than XML.

18:16 - 18:23 **Peter Parslow**  
Rdf rather than XML is, if you like, a separate, well, even that's two very different things.

18:23 - 18:23 **Peter Parslow**  
But.

18:25 - 18:43 **Peter Parslow**  
So as a largely government organization, we are partially bound by or encouraged to use a thing called the UK Government Data Quality Framework, which is based on the Data Management Association, which is an international data management thing that has a quality framework.

18:43 - 18:51 **Peter Parslow**  
So we've got to look at mapping the geospatial data quality standards, standard, really, 19157.

18:51 - 19:05 **Peter Parslow**  
So with, which gives a whole lot of measures And then you state your measurement against those measures so you've observed, in that sense, what the quality is via a mechanism that relates to the kind of data you're sharing.

19:06 - 19:12 **Peter Parslow**  
And the 191.15 metadata embeds that 191.57 quality quite well.

19:13 - 19:22 **Peter Parslow**  
We haven't yet worked out how to do that within the W3C data quality tags in DCAT.

19:22 - 19:31 **Peter Parslow**  
So that's to my bigger missing piece, unless people are spending their time instead on machine readable licensing and things like that.

19:31 - 19:34 **Peter Parslow**  
There's a whole lot of questions in this metadata space.

19:36 - 19:47 **Peter Parslow**  
So the mapping of the core things in the metadata seems to me, a lot of people are doing it, but they generally come up with the same answer because it's reasonably obvious.

19:48 - 19:51 **Peter Parslow**  
In fact, one thing calls it an abstract and the other calls it a description.

19:51 - 19:53 **Peter Parslow**  
It's not too hard to work out.

19:53 - 19:58 **Peter Parslow**  
Whereas, yeah, what to do with some of these other things seems to be more of a challenge.

20:00 - 20:02 **Peter Parslow**  
And, but yeah, it was interesting.

20:02 - 20:09 **Peter Parslow**  
It'll be interesting to have a look at what the National Oceanographic Center's done for the marine community.

20:09 - 20:15 **Peter Parslow**  
Because the marine environment, the median in the UK, the Marine Environment Data and Information Network.

20:17 - 20:26 **Peter Parslow**  
Is that same sort of moving from 191.1.5 towards DCAT, and they may be making up their own mappings again, I don't know.

20:26 - 20:27 **Peter Parslow**  
Anyway, Byron, sorry, we're.

20:27 - 20:28 **Alexandra Kokkinaki**  
Having a way to.

20:28 - 20:29 **Peter Parslow**  
Just go.

20:30 - 20:31 **Alexandra Kokkinaki**  
Yeah.

20:41 - 21:02 **Byron Cochrane (OpenWork)**  
The basic conceptualization of the metadata is what it seems to me, especially in the geospatial realm, of course, where we're living here, is what a revision of 115-1 would be the focus on.

21:02 - 21:22 **Byron Cochrane (OpenWork)**  
Something that could be encoded in many different ways and get away from the encodings of the standards themselves, so that we can have a better handle on how the crosswalks would work if they follow a similar conceptual model.

21:23 - 21:25 **Byron Cochrane (OpenWork)**  
And outside the geospatial realm, they may not.

21:26 - 21:35 **Byron Cochrane (OpenWork)**  
The problem, one of the core problems that I've run into a lot is like you were talking about the multiplicity of distributions to a resource.

21:36 - 21:39 **Byron Cochrane (OpenWork)**  
Most of the standards look at it as a one-to-one.

21:39 - 21:51 **Byron Cochrane (OpenWork)**  
A distribution is what your metadata is about but ISO 115 you can have multiple distributions for one resource and it creates a lot of confusion.

21:51 - 22:06 **Byron Cochrane (OpenWork)**  
I think it creates a lot of confusion on the licensing and such too and where that belongs because you can have talked about this last time I think the problem where you have that distribution with multiple licenses.

22:06 - 22:08 **Byron Cochrane (OpenWork)**  
I mean, a data.

22:08 - 22:09 **Peter Parslow**  
Set with multiple.

22:09 - 22:11 **Byron Cochrane (OpenWork)**  
Distributions having a.

22:11 - 22:11 **Peter Parslow**  
License.

22:12 - 22:13 **Byron Cochrane (OpenWork)**  
Yeah.

22:13 - 22:17 **Byron Cochrane (OpenWork)**  
And that's really difficult to track in the current structure.

22:17 - 22:19 **Byron Cochrane (OpenWork)**  
So that's one thing I'd like to make more explicit and.

22:19 - 22:20 **Peter Parslow**  
Easier to.

22:20 - 22:21 **Byron Cochrane (OpenWork)**  
Do if we did.

22:21 - 22:21 **Peter Parslow**  
A revision.

22:23 - 22:26 **Byron Cochrane (OpenWork)**  
Easy to replicate in other spaces.

22:26 - 22:47 **Byron Cochrane (OpenWork)**  
The other issue that, and this kind of comes back to the revision of 115-1 is that here where it doesn't help us a whole lot anymore to be doing mappings from 139 because we're using 115-3 in Australia and New Zealand pretty heavily.

22:48 - 22:53 **Byron Cochrane (OpenWork)**  
It's been pretty mandated across Australia and everyone is very much doing that.

22:53 - 23:07 **Byron Cochrane (OpenWork)**  
New Zealand's a little slower about it, but that's where we're working as ICSM the metadata working group is pretty much exclusively on the 115-3 and provide guidance and two links for doing that.

23:08 - 23:14 **Byron Cochrane (OpenWork)**  
So moving to another one yet with a revision is a blessing and a curse in that way, but yeah.

23:15 - 23:15 **Peter Parslow**  
Blame over.

23:15 - 23:22 **Byron Cochrane (OpenWork)**  
And the idea of moving directly to DCAT, to a Geo DCAT, well, still that has to have a model behind it.

23:22 - 23:32 **Byron Cochrane (OpenWork)**  
And that's kind of what a point it was gained to it is how aligned is that going to be to the 115 standard or not.

23:32 - 23:35 **Byron Cochrane (OpenWork)**  
That's kind of yet to be determined, I guess.

23:35 - 23:59 **Byron Cochrane (OpenWork)**  
The main use cases that I heard and sitting in on all the GeoDKAT AP meetings was to take 115 metadata and export it out from us, especially from like a GeoNetwork install and 115.139 and to a national catalog and CCAN and there's something that consumes a DCAT much easier.

23:59 - 24:01 **Byron Cochrane (OpenWork)**  
And that's the primary use case they were supporting.

24:02 - 24:04 **Byron Cochrane (OpenWork)**  
So kind of low-hanging fruit, really, I think.

24:05 - 24:14 **Byron Cochrane (OpenWork)**  
But that's not the way that they really, the DCAT that they've developed isn't really.

24:16 - 24:24 **Byron Cochrane (OpenWork)**  
The canonical version of the metadata for most of the 115 or the 139 metadata is.

24:24 - 24:30 **Byron Cochrane (OpenWork)**  
And it's just kind of essentially a transfer into the national catalogs.

24:30 - 24:40 **Byron Cochrane (OpenWork)**  
This is abbreviated metadata for search and discovery, not full data, metadata for all the other uses of metadata, data management, and everything else.

24:41 - 24:47 **Byron Cochrane (OpenWork)**  
So that kind of leaves a little bit of a question in my mind of how far do we want to take this.

24:47 - 24:52 **Byron Cochrane (OpenWork)**  
I think that use case that they addressed is minimal to.

24:52 - 24:52 **Peter Parslow**  
Me.

24:52 - 24:59 **Byron Cochrane (OpenWork)**  
And the maximal would be something that can fully replace the 115 and being extensible enough.

25:00 - 25:14 **Byron Cochrane (OpenWork)**  
So I was really intrigued with the presentation that Rob did at the workshop, because that was the first time I finally got my feel felt like I really got my head around what his building blocks approach is about.

25:14 - 25:30 **Byron Cochrane (OpenWork)**  
And I thought that was could be a really, really useful so you know, when we do this, We don't rely on a new model for whichever it is, a CRS, contact information or sensors.

25:31 - 25:42 **Byron Cochrane (OpenWork)**  
The social observations and measurements, we pull from all of those and use those models as building blocks to build up a metadata record that addresses all those various issues.

25:45 - 26:06 **Byron Cochrane (OpenWork)**  
Yeah, then that kind of gives a little bit different angle on what we're building in this, but in the triple store RDF sort of environment that feels like the right way to do it is by reusing the other models that are out there that are well established and well defined wherever possible.

26:09 - 26:20 **Byron Cochrane (OpenWork)**  
So that's where I kind of see it, you know, the way of the land, how much of that we really want to cover in this or not, I'm not really sure at this point.

26:22 - 26:25 **Byron Cochrane (OpenWork)**  
And I'd like to be more sure about that.

26:34 - 26:36 **Byron Cochrane (OpenWork)**  
Next, are there any thoughts on any people or?

26:45 - 26:50 **Peter Parslow**  
So Byron, I'd agree that from the point of view of the current projects, they should concentrate.

26:50 - 26:57 **Peter Parslow**  
If they're looking at mapping, then that should be from the newer ISO 1.9.1.1.5, the current one, not the old one we're stuck on in Europe for the moment.

26:59 - 27:15 **Peter Parslow**  
But a mapping from the old one can be a useful source inspiration for creating a mapping from the new one, because on the ISO side, the old to the new has only a few, and they used to be well understood mappings from the old to the new, but they were done five, six years ago by Tate Haberman mostly.

27:16 - 27:30 **Peter Parslow**  
So they are encapsulated in a XSL transform, which is not the easiest thing to read, but I think they're also in an appendix in the document saying, yeah, this is the backward compatibility clause in the back of the 19115.

27:30 - 27:33 **Byron Cochrane (OpenWork)**  
They're not wholly backwards compatible, but.

27:33 - 27:35 **Peter Parslow**  
Mostly not so.

27:38 - 27:40 **Byron Cochrane (OpenWork)**  
Sorry to interrupt there, go ahead.

27:42 - 27:48 **Peter Parslow**  
The backward compatibility clause can contain sentences saying, yeah, tough, this bit's not backward compatible.

27:50 - 27:58 **Peter Parslow**  
I don't think those would deliberately not include anything that we found many people had used.

27:58 - 28:05 **Peter Parslow**  
But we always miss someone, so there'll be a case somewhere where someone used to be able to express something and they can't anymore.

28:05 - 28:08 **Peter Parslow**  
And that would be the same when you switch from any standard to any other standard.

28:09 - 28:10 **Byron Cochrane (OpenWork)**  
You'll gain.

28:10 - 28:18 **Peter Parslow**  
Some express express ability like which license applies to which distribution will be handled much better in DCAD than in 191.5 at present.

28:20 - 28:35 **Peter Parslow**  
And it says that for TC2.11 to raise that as an issue and whether TC2.11 wants to fix that in a next edition of 1.9.1.5 part one is something that that project would have to grapple with.

28:37 - 28:52 **Peter Parslow**  
But some of those things are more easily linked and fixed in a graph linked data type approach rather than a hierarchical approach, just because making cross references between branches of a tree is always a bit of a pain.

28:52 - 28:58 **Peter Parslow**  
And you can't rely on implementations actually paying attention to them, even if you know how to do it.

28:59 - 29:06 **Peter Parslow**  
In theory, you can rely on the implementations in a graph world, but yeah, I'm sure in practice they will, but.

29:09 - 29:19 **Alexandra Kokkinaki**  
Can I add that for the crosswalk that we have done between ISO19115 to DCAT.

29:21 - 29:27 **Alexandra Kokkinaki**  
Which currently is informal and it's ingrained in the code.

29:29 - 29:31 **Alexandra Kokkinaki**  
The idea is to formalize it.

29:32 - 29:44 **Alexandra Kokkinaki**  
And like currently all of these crosswalks, even like DCAT to schema.org or, you know, so to prove and all of that are actually in tables.

29:46 - 29:52 **Alexandra Kokkinaki**  
The idea is to formalize them through the SESOM ontology.

29:53 - 30:10 **Alexandra Kokkinaki**  
So SESOM, and I'll post that in the link there, is a, I can't really remember what it means, but it has the properties and the is that you need to actually identify or define a mapping.

30:15 - 30:22 **Alexandra Kokkinaki**  
So this is the idea that the mappings will be formalized using the Sessom ontology.

30:22 - 30:24 **Alexandra Kokkinaki**  
There is a new RDA.

30:24 - 30:25 **Alexandra Kokkinaki**  
Do you know RDA?

30:25 - 30:26 **Alexandra Kokkinaki**  
There is a state alliance.

30:29 - 30:38 **Alexandra Kokkinaki**  
There is a new RDA group that is being formed that we are part of, of call the mappings, it's all about mappings or something like that.

30:38 - 30:47 **Alexandra Kokkinaki**  
And this is where we will be doing the work of formalizing mappings and crosswalks.

30:48 - 30:56 **Alexandra Kokkinaki**  
We are the, like we also have the NERC vocabulary server which is the Natural Environmental Resets Council vocabulary server.

30:56 - 31:07 **Alexandra Kokkinaki**  
We provide marine related and wider collections and concepts from the Scos, all Scos-like ones.

31:09 - 31:12 **Alexandra Kokkinaki**  
So we do have a lot of experience in mappings.

31:13 - 31:21 **Alexandra Kokkinaki**  
I think it is an important thing to come out of the group, this mapping between ISO and DCAT.

31:21 - 31:35 **Alexandra Kokkinaki**  
And one of my wishes for DCAT, that I haven't seen yet, to be straightforward, is to actually, How do you reference parameters that the dataset observes.

31:35 - 31:36 **Byron Cochrane (OpenWork)**  
Through.

31:36 - 31:36 **Alexandra Kokkinaki**  
Dcat?

31:40 - 31:42 **Alexandra Kokkinaki**  
So in DCAT, apart from the theme.

31:45 - 31:51 **Alexandra Kokkinaki**  
There is no specific property that says that this dataset observes that thing.

31:52 - 32:05 **Alexandra Kokkinaki**  
It has to go through the sensor maybe, or like I've seen Simon \*\*\* doing some through activity and then through the activity that uses this sensor and then the sensor observes something.

32:07 - 32:13 **Alexandra Kokkinaki**  
It becomes a little bit complicated and you may not always have a sensor.

32:16 - 32:18 **Alejandro Villar (OGC)**  
Sorry about that.

32:18 - 32:29 **Alejandro Villar (OGC)**  
I have done some examples for that by using the QB, the RDF data cube vocabulary, since you can define structure, right?

32:29 - 32:36 **Alejandro Villar (OGC)**  
You can define measures and such, and you combine those two observable properties.

32:37 - 32:53 **Alejandro Villar (OGC)**  
So, therefore, some of the ECU projects that were involved in the OGC, I've been, you know, toying with that idea of using Quby in a DCAT dataset description.

32:54 - 32:56 **Alexandra Kokkinaki**  
Okay, that's interesting.

32:57 - 33:00 **Alexandra Kokkinaki**  
Would you mind sharing a link with me for that?

33:01 - 33:16 **Alexandra Kokkinaki**  
Because yeah, our approach has been to either go through the sensor and then publish the property and like so say that the sensor observes that so and the sensor is what produces this data set and that's how it.

33:16 - 33:17 **Alejandro Villar (OGC)**  
Goes through.

33:17 - 33:17 **Alexandra Kokkinaki**  
The sensor.

33:18 - 33:36 **Alexandra Kokkinaki**  
And the other way is to actually name your a data set as a schema.org data set and then use just this immediate SDO variable and you know be straightforward and define your variable as a schema.org variable, variable measured.

33:40 - 34:07 **Alejandro Villar (OGC)**  
Okay so this is I'm gonna paste the link this is just one of the experiments right it's a more to showcase the possibilities that using the dcat slash your dcat slash semantic stuff in general to non-semantic people right so that's it's a very simple but this is.

34:07 - 34:08 **Peter Parslow**  
One.

34:08 - 34:14 **Alejandro Villar (OGC)**  
Of the ways although not a hundred percent normally probably.

34:16 - 34:29 **Alexandra Kokkinaki**  
You know because we are all doing that for interoperability, it's great to be connected because it's about agreements, how to do things together so that interoperability actually works.

34:31 - 34:32 **Alejandro Villar (OGC)**  
Yes, definitely.

34:33 - 34:52 **Alejandro Villar (OGC)**  
This is kind of, I think you're right when you said, well, we've had discussions in these SOSA meetings as well, precisely because, for example, in SOSA, the that units of measure are represented is not normative, right?

34:53 - 35:02 **Alejandro Villar (OGC)**  
There's some recommendations on the spec, at least on the current version, and on the new version, but there's nothing set in stone, right?

35:02 - 35:11 **Alejandro Villar (OGC)**  
Anyone can do units of measure their own way, and that is actually an interoperability issue.

35:11 - 35:22 **Alejandro Villar (OGC)**  
Because what do I need to, do I need to tailor my, for example, my Sparkle queries depending on the data set that I'm querying?

35:22 - 35:24 **Alejandro Villar (OGC)**  
I mean, it breaks down, right?

35:24 - 35:28 **Alejandro Villar (OGC)**  
So I think the same principle applies here, right?

35:29 - 35:41 **Alejandro Villar (OGC)**  
I guess we should have a way to represent not only descriptive metadata, but also structural metadata about the format of the data itself.

35:42 - 35:44 **Byron Cochrane (OpenWork)**  
Yeah, that's.

35:44 - 35:45 **Alexandra Kokkinaki**  
True, yeah.

35:47 - 35:53 **Alexandra Kokkinaki**  
Alejandro, I don't know if you are familiar with the iAdopt, but I know OTC will be adopting iAdopt.

35:54 - 35:59 **Alexandra Kokkinaki**  
So that's again the framework for the observable properties and how to describe them.

35:59 - 36:09 **Alexandra Kokkinaki**  
And we are also now expanding to see how we can include a method on the observable property.

36:10 - 36:10 **Alexandra Kokkinaki**  
So.

36:10 - 36:10 **Alejandro Villar (OGC)**  
A.

36:10 - 36:19 **Alexandra Kokkinaki**  
Data set, you know, observed something, but it used this method to actually make the observation, which is very important to the scientists to trust the data.

36:20 - 36:34 **Alexandra Kokkinaki**  
And then, of course, the unit of measure, We tend, like in NVS, the Nerd Vocabulary Server, we do have a control vocabulary for unit of measure that CDataNet and our community uses, but we map them all to QUDT.

36:35 - 36:36 **Alejandro Villar (OGC)**  
And through.

36:36 - 36:54 **Alexandra Kokkinaki**  
That, from jumping, so when we needed to do unit conversions, it was so easy because for each unit that we had, we mapped to the QUDT unit, and then from the QUDT, we got all the unit conversions that we wanted and did the unit conversions on the fly.

36:58 - 36:58 **Alejandro Villar (OGC)**  
So.

36:58 - 37:02 **Alexandra Kokkinaki**  
That's something we did in the EOSC future project.

37:03 - 37:04 **Alexandra Kokkinaki**  
Eosc is the European Open Science Cloud.

37:06 - 37:08 **Alexandra Kokkinaki**  
I guess if you are in European projects you do.

37:08 - 37:08 **Alejandro Villar (OGC)**  
Work with them.

37:10 - 37:11 **Alexandra Kokkinaki**  
Yeah, you have to.

37:13 - 37:14 **Alejandro Villar (OGC)**  
Absolutely, yeah.

37:14 - 37:30 **Alejandro Villar (OGC)**  
So yeah, but again, the main issue with, for example, units of mission case of social or structural metadata in case of ticket is that there's no normative way to go about it.

37:30 - 37:32 **Alejandro Villar (OGC)**  
It's okay, you may have the tools, right?

37:32 - 37:47 **Alejandro Villar (OGC)**  
You may have, but there's no specific layout where you can say, okay, these are my observations and how do I attach units of measurement to the results?

37:48 - 38:13 **Alejandro Villar (OGC)**  
And I guess we've had, as I mentioned, some chats about this in the SOSA meetings for the new, for the upcoming SOSA version or revision, but yeah, and I guess this is something, I don't know if this is something that actually falls the scope of DCAT.

38:13 - 38:16 **Alejandro Villar (OGC)**  
Or maybe it should be an extension profile, or whatever.

38:17 - 38:36 **Alejandro Villar (OGC)**  
But I feel that, especially in the context of, for example, data spaces where you may end up with a lot of different providers, and you may be interested as a consumer, for example, and that's, for example, what the Jupyter Notebook, the link that I posted in the chat is about.

38:36 - 38:41 **Alejandro Villar (OGC)**  
How do I locate those data sets that I'm interested in?

38:42 - 39:01 **Alejandro Villar (OGC)**  
If I'm interested, if I'm studying air quality, for example, and I need data from BM 10 and I data from ozone, and I have a huge federated catalog, how do I find, how do I locate the specific data sets that I'm interested in?

39:01 - 39:08 **Alejandro Villar (OGC)**  
And that is something that researchers are really keen on being able to do?

39:08 - 39:15 **Alejandro Villar (OGC)**  
Because that is something that traditional tools don't really offer the functionality for them.

39:16 - 39:22 **Alexandra Kokkinaki**  
You know, like we did, so we have different research infrastructures that we work with in the marine domain.

39:24 - 39:30 **Alexandra Kokkinaki**  
And we make sure that we have annotated our datasets with controlled vocabularies.

39:31 - 39:48 **Alexandra Kokkinaki**  
And then if you do have that as a base, Because we establish mappings, so for example, in EOSC Future Project, we wanted to find datasets that observe essential ocean variable parameters, which is very important.

39:49 - 39:56 **Alexandra Kokkinaki**  
They are very important for all these SDG objectives and the UN Decade objectives.

39:56 - 39:59 **Alexandra Kokkinaki**  
So they want to find essential variables.

39:59 - 40:02 **Alexandra Kokkinaki**  
These are kind of like lower in the granularity.

40:02 - 40:04 **Alexandra Kokkinaki**  
Don't have a lot of detail.

40:04 - 40:09 **Alexandra Kokkinaki**  
So we mapped these parameters to the iAdapt framework.

40:10 - 40:27 **Alexandra Kokkinaki**  
We had mapped our parameters to the iAdapt framework and then we just made Sparkle queries to actually say give me everything that has as property resolved as object of interest oxygen and forget about the rest and then you could get exactly what you needed.

40:29 - 40:36 **Alexandra Kokkinaki**  
And we had mapped all of our units to that and into QUDT, and that worked really well.

40:37 - 40:44 **Alexandra Kokkinaki**  
Iadopt is very, very useful to do not manual mappings, but dynamic mappings.

40:44 - 40:45 **Alexandra Kokkinaki**  
We call them smart mappings.

40:45 - 40:48 **Alexandra Kokkinaki**  
We just use Sparkle queries to actually do them.

40:51 - 40:59 **Alexandra Kokkinaki**  
It does require some effort initially though, to map your parameters, to break them down to properties.

41:01 - 41:05 **Alexandra Kokkinaki**  
Object of interest and matrices and then maybe constraints.

41:07 - 41:16 **Alejandro Villar (OGC)**  
But is there a standard way to bind, once you have all of those descriptions, how do you embed those into a DCAT catalog?

41:16 - 41:19 **Alejandro Villar (OGC)**  
How do you bind those to the datasets?

41:20 - 41:21 **Alejandro Villar (OGC)**  
That's because that's- You have to embed the.

41:21 - 41:24 **Alexandra Kokkinaki**  
Datasets in your DCAT, in.

41:24 - 41:25 **Alejandro Villar (OGC)**  
Your.

41:25 - 41:25 **Alexandra Kokkinaki**  
Rdf.

41:26 - 41:28 **Alejandro Villar (OGC)**  
But that's what I mean, there's no, right?

41:28 - 41:39 **Alejandro Villar (OGC)**  
There's no standard way to say, okay, my dataset uses this structure because I'm proposing, you know, my Jupyter Notebook proposes one way to do this.

41:40 - 41:44 **Alejandro Villar (OGC)**  
You guys have done it a different way.

41:44 - 41:49 **Alejandro Villar (OGC)**  
So we, I guess we should have like, I mean- Yeah.

41:50 - 41:51 **Alejandro Villar (OGC)**  
Right?

41:51 - 42:07 **Alejandro Villar (OGC)**  
Even in the legacy, in the legacy or the current Sosa version, there are some strategies that are laid out in this, even if they're non-normative, they're proposed solutions to the units of measurement issue, right?

42:08 - 42:10 **Alejandro Villar (OGC)**  
So maybe something, maybe we have a.

42:13 - 42:23 **Alejandro Villar (OGC)**  
Even if it's just a note, not really a recommendation, but a note on, you know, strategies to precisely, to bind those two things.

42:23 - 42:27 **Alejandro Villar (OGC)**  
How do I include structural metadata in Dicat?

42:27 - 42:28 **Alejandro Villar (OGC)**  
Because that's the thing.

42:28 - 42:39 **Alejandro Villar (OGC)**  
If I wanted to query your RDF graph, your Dicat catalog, I'd have to study it beforehand, right?

42:39 - 42:48 **Alejandro Villar (OGC)**  
And you'd have the same problem if I published a Dicat catalog according to my way of structuring.

42:48 - 42:48 **Alejandro Villar (OGC)**  
Right.

42:48 - 42:49 **Alexandra Kokkinaki**  
Absolutely.

42:50 - 42:50 **Alexandra Kokkinaki**  
Right?

42:50 - 42:50 **Alexandra Kokkinaki**  
Yeah, yeah.

42:50 - 42:50 **Alexandra Kokkinaki**  
So.

42:50 - 42:55 **Alejandro Villar (OGC)**  
That's where I see the disconnect in this.

42:56 - 43:00 **Alexandra Kokkinaki**  
So for us, what we do, we have NetCDF files for our data.

43:00 - 43:10 **Alexandra Kokkinaki**  
So you now drop on the data level and you actually see what each parameter is associated with in the NetCDF file.

43:11 - 43:16 **Alexandra Kokkinaki**  
And in the NetCDF, there is a special place called unit of measure, UOM.

43:16 - 43:16 **Alejandro Villar (OGC)**  
You.

43:16 - 43:23 **Alexandra Kokkinaki**  
Have to identify your unit of measure parameter and unit of measure URL, where they come from.

43:24 - 43:25 **Alexandra Kokkinaki**  
And that's how we do it.

43:26 - 43:28 **Alexandra Kokkinaki**  
But in the D-card, you're very right.

43:28 - 43:29 **Alexandra Kokkinaki**  
It's not there.

43:30 - 43:37 **Alexandra Kokkinaki**  
So that would be my next question about how do you reference the parameter, and then how do you reference the unit of measure.

43:38 - 43:54 **Alexandra Kokkinaki**  
And in a lot of, can I share my screen just to show you what we observed by analyzing lots and lots and lots of XML ISO 19115 data sets that they didn't, they took terms from control vocabularies, but they just put the strings in.

43:54 - 43:56 **Alexandra Kokkinaki**  
So you have no idea where the string come from.

43:58 - 44:05 **Alexandra Kokkinaki**  
And we, after all this work that we've done, I think I can't see on my screen.

44:06 - 44:08 **Byron Cochrane (OpenWork)**  
I just made you a presenter.

44:09 - 44:10 **Alexandra Kokkinaki**  
Okay, yeah, thank you.

44:13 - 44:14 **[speaker unknown]**  
Let me just see how to do.

44:18 - 44:19 **Alexandra Kokkinaki**  
Should be this one.

44:22 - 44:24 **Alexandra Kokkinaki**  
Can you see it?

44:28 - 44:28 **Alejandro Villar (OGC)**  
So this is.

44:28 - 44:30 **Alexandra Kokkinaki**  
Just, yeah.

44:30 - 44:51 **Alexandra Kokkinaki**  
So just because we analyzed lots and lots of datasets that we found all these strings in, we then came up with, it is important to reference semantic artifacts or control vocabularies, terms, all of that, with both the URL and the preferred label.

44:51 - 45:19 **Alexandra Kokkinaki**  
And that would be in the ISO19005, but this also would be for example schema.org has a very good way of defining defined terms where you can this is the largest of the references but it tells you you know what kind of persistent identifier that is because we are in an era of persistent identifiers and you know You know what?

45:20 - 45:30 **Alexandra Kokkinaki**  
I am I'm tagging my person that comes from an orchid or I'm tagging my organization that comes from error and it is important to state that somewhere too.

45:31 - 45:56 **Alexandra Kokkinaki**  
So For us, it is very very important to have two things the URL and the preferred label and we developed also a tool to actually analyze these strings, analyze all these records, get the strings out of them and map them to terms that actually are coming from vocabularies.

45:58 - 46:02 **Alexandra Kokkinaki**  
I don't know if it is going to be helpful to you.

46:03 - 46:05 **Alexandra Kokkinaki**  
This is the semantic analyzer.

46:05 - 46:06 **Alexandra Kokkinaki**  
Am I still sharing?

46:09 - 46:10 **Alejandro Villar (OGC)**  
Yes, yes.

46:11 - 46:11 **Alexandra Kokkinaki**  
Okay.

46:12 - 46:21 **Alexandra Kokkinaki**  
So you can analyze data sets, XML data sets, or you can actually, so I'm picking a research infrastructure like the Argo or the data net.

46:21 - 46:41 **Alexandra Kokkinaki**  
And then I'm saying, give me either all the data sets that they have and then analyze them or give me a report of all the terms that they are using and then analyze and try to match them to control vocabularies that we have in our knowledge base, where you can see what are their exact matches.

46:42 - 46:44 **Alexandra Kokkinaki**  
With what vocabularies they matched with.

46:46 - 46:51 **Alexandra Kokkinaki**  
So for example, these are from the European vocabularies, KB.

46:53 - 46:54 **Alexandra Kokkinaki**  
And different others.

46:54 - 46:56 **Alexandra Kokkinaki**  
And then several others are from our vocabularies.

46:58 - 47:00 **Alexandra Kokkinaki**  
So this is how we tackle that.

47:00 - 47:04 **Alexandra Kokkinaki**  
And now we're trying to get back the URIs into these research infrastructures.

47:08 - 47:16 **Alexandra Kokkinaki**  
But it would be worth maybe having these discussions with the properties and unit of measure.

47:16 - 47:22 **Alexandra Kokkinaki**  
So structured metadata in DCAT that would make it very useful and more interoperable to all of us.

47:27 - 47:44 **Peter Parslow**  
I would say I think that the encoding with the X-Link HREFs has long been the preferred encoding or the recommended encoding for Inspire and Gemini metadata but yeah people don't always do it and.

47:44 - 47:44 **Alexandra Kokkinaki**  
Yeah I.

47:44 - 47:55 **Peter Parslow**  
Think even even the business of using xlink title as well as the xlink href is encouraged by example in Inspire say rather than being just.

47:55 - 47:55 **Alexandra Kokkinaki**  
A string.

47:55 - 48:07 **Peter Parslow**  
Yeah being more strongly So you should have both an x-link href to the entry in the control vocabulary and then the string as the value of the element.

48:07 - 48:10 **Peter Parslow**  
But having it also in the title is.

48:10 - 48:10 **Alexandra Kokkinaki**  
Only mentioned.

48:10 - 48:14 **Peter Parslow**  
In parsing, let's say, rather than as being encouraged.

48:14 - 48:26 **Peter Parslow**  
And so we haven't picked that up in the UK profile, but we certainly say put in where the term you're talking about is in a control vocabulary use an x-link href.

48:26 - 48:34 **Peter Parslow**  
If it's the nearest thing we've got, if you'd like to do a linked data approach, which is sort of pushing the XML towards linked data where we can.

48:35 - 48:37 **Peter Parslow**  
But yeah, not everybody does that.

48:37 - 48:38 **Peter Parslow**  
I mean, it's difficult to.

48:39 - 48:40 **Peter Parslow**  
So that gives you a problem.

48:41 - 48:53 **Peter Parslow**  
If you've got to map actual examples rather than ideal examples encoded according to the best practice, the actual examples often fall well short of what people think they should be.

48:53 - 48:57 **Peter Parslow**  
Even when you've written them yourself, occasionally have pointed out to me, yeah.

48:57 - 49:05 **Alexandra Kokkinaki**  
I think some guidance will actually, like, yeah, and some money to help them do it.

49:08 - 49:14 **Peter Parslow**  
Guidance with teeth is when does something become a requirement or when is it guidance?

49:15 - 49:19 **Peter Parslow**  
And guidance that really makes your thing far more useful sometimes should be made a requirement.

49:21 - 49:26 **Peter Parslow**  
But then money is required to get people to obey the when you're dealing with actual implementations.

49:26 - 49:34 **Peter Parslow**  
Back in the world of writing the standard, of course, you could say, do this, whether people do it or not becomes compliance issue.

49:35 - 49:41 **Peter Parslow**  
So those seem like good things to put into GODCAT.

49:41 - 49:43 **Peter Parslow**  
Bring us back to Byron's this week.

49:47 - 49:56 **Peter Parslow**  
But they become, this is the best practice statement for whether they actually become a requirement in order to, this is something to discuss, I guess.

50:02 - 50:08 **Byron Cochrane (OpenWork)**  
All right, well, we're coming up on our hour and I'm gonna have to close it off.

50:09 - 50:12 **Byron Cochrane (OpenWork)**  
But I've been really enjoying this conversation.

50:13 - 50:32 **Byron Cochrane (OpenWork)**  
It's getting into some real topics that I think are really instrumental about, what do we really need to do from that end user point of view to, I think we felt perhaps we've been too much the weeds of the technical aspects of it rather than the the uses of it.

50:33 - 50:36 **Byron Cochrane (OpenWork)**  
So this conversation is really, really good in my mind.

50:37 - 50:40 **Byron Cochrane (OpenWork)**  
I'll take a lot of this and go through it.

50:40 - 50:44 **Byron Cochrane (OpenWork)**  
I unfortunately wasn't able to see the screen through the whole thing here.

50:44 - 50:49 **Byron Cochrane (OpenWork)**  
I don't know what's going on with O2Meeting, but probably need an update or something.

50:50 - 50:53 **Byron Cochrane (OpenWork)**  
But hopefully the recording will have it all and trusting that it will.

50:53 - 51:00 **Byron Cochrane (OpenWork)**  
And I'll be able to follow those links through and see all the good things people were talking about there.

51:02 - 51:10 **Byron Cochrane (OpenWork)**  
Get that into the Git repository and everything else so that's available to people.

51:10 - 51:14 **Byron Cochrane (OpenWork)**  
I have some work to do there on cleaning that area up and making it more useful.

51:14 - 51:20 **Byron Cochrane (OpenWork)**  
So next couple of weeks, now that my plate has been cleared a little bit, I hope to get back to that.

51:21 - 51:26 **Byron Cochrane (OpenWork)**  
And maybe next time we'll have some reports back from OGC Codesprint in London.

51:28 - 51:33 **Byron Cochrane (OpenWork)**  
I think Rob might be there, so that would be a really good one, and a few others.

51:34 - 51:37 **Byron Cochrane (OpenWork)**  
And there is some stuff on data quality, mentioning data quality.

51:37 - 51:41 **Byron Cochrane (OpenWork)**  
I know there is some stuff going on with that at that Codesprint.

51:41 - 51:50 **Byron Cochrane (OpenWork)**  
So a topic that Ivana Ivanova from Curtin University in Perth worked with a fair amount on these topics.

51:50 - 52:08 **Byron Cochrane (OpenWork)**  
She was leading a good chunk of the data quality work at ISO earlier and she was gonna be there to try to see how she could be of use on making that more available beyond just the 157 applied and more in more areas.

52:09 - 52:19 **Byron Cochrane (OpenWork)**  
So hopefully I'll ask her, she may not be available for the next meeting, but I would, if there is something worth reporting that would tie into this.

52:20 - 52:22 **Byron Cochrane (OpenWork)**  
I'll ask her if she would like to present on that.

52:24 - 52:34 **Byron Cochrane (OpenWork)**  
So if anyone else has any other closing thoughts, happy to hear them and then we'll meet again in two weeks.

52:38 - 52:39 **Alexandra Kokkinaki**  
Lovely to meet you all.

52:43 - 52:45 **Byron Cochrane (OpenWork)**  
All right, well, we'll see you in two weeks.

52:47 - 52:48 **Alexandra Kokkinaki**  
Have a good Tuesday.

52:48 - 52:49 **Byron Cochrane (OpenWork)**  
Sorry.

52:49 - 52:50 **Alexandra Kokkinaki**  
Thursday.

52:52 - 52:55 **Alejandro Villar (OGC)**  
Don't send me back to Tuesday, please.

52:55 - 52:55 **Alexandra Kokkinaki**  
No.

52:56 - 52:58 **Byron Cochrane (OpenWork)**  
Good luck with your election there.

53:00 - 53:01 **Alexandra Kokkinaki**  
Thank.

53:01 - 53:01 **Alejandro Villar (OGC)**  
You.

53:02 - 53:03 **Alejandro Villar (OGC)**  
Okay, bye-bye.

53:03 - 53:04 **Alexandra Kokkinaki**  
Bye-bye.

53:04 - 53:04 **Byron Cochrane (OpenWork)**  
Bye-bye.