**OGC GeoDCAT SWG**  
  
September 14, 2023 . 6:55 PM . ID: 791037533 **Transcript**

00:01 - 00:04 **Rob Atkinson**  
This conference will now be recorded.

00:06 - 00:07 **Byron Cochrane (OpenWork)**  
A little bit To figure out.

00:07 - 00:10 **Byron Cochrane (OpenWork)**  
Even where to find the time to download it.

00:10 - 00:10 **Byron Cochrane (OpenWork)**  
Put it here, actually.

00:11 - 00:13 **Byron Cochrane (OpenWork)**  
Wasn't that, um.

00:14 - 00:15 **Byron Cochrane (OpenWork)**  
Oh, yeah.

00:15 - 00:16 **Byron Cochrane (OpenWork)**  
I'll be putting those in.

00:17 - 00:25 **Byron Cochrane (OpenWork)**  
This folder, um, other than that, the Carters here, and we can create more folders.

00:25 - 00:28 **Byron Cochrane (OpenWork)**  
If there's other things, large items it's better to put them here.

00:30 - 00:35 **Byron Cochrane (OpenWork)**  
On GitHub limitations there and such so Well, you need to do that.

00:37 - 00:45 **Byron Cochrane (OpenWork)**  
Task, I don't know if this is where we're going to be managing tasks, that's not as visible as GitHub's.

00:45 - 00:49 **Byron Cochrane (OpenWork)**  
I'll probably do task actions and issue tracker there.

00:49 - 00:51 **Byron Cochrane (OpenWork)**  
And of course, the attendance tab you're all familiar with.

00:53 - 00:56 **Byron Cochrane (OpenWork)**  
Tc means that's really all that pellets are for.

00:57 - 00:57 **Byron Cochrane (OpenWork)**  
That's for that.

00:58 - 00:59 **Byron Cochrane (OpenWork)**  
It's first three.

01:00 - 01:02 **Byron Cochrane (OpenWork)**  
Apps are fairly useful.

01:03 - 01:06 **Byron Cochrane (OpenWork)**  
Um, so that's essentially what's there.

01:06 - 01:12 **Byron Cochrane (OpenWork)**  
If we go to the GitHub page now, that has a few things.

01:12 - 01:13 **Byron Cochrane (OpenWork)**  
Here.

01:14 - 01:15 **Byron Cochrane (OpenWork)**  
The code repository, of course.

01:15 - 01:20 **Byron Cochrane (OpenWork)**  
And some step in the Readme file and add it in.

01:20 - 01:36 **Byron Cochrane (OpenWork)**  
And if we want, uh, I also created a wiki, a few pages there, where I'll say it's just the agendas, and then the drivers work, I figured, can go here at the top level driver that I showed last time.

01:36 - 01:40 **Byron Cochrane (OpenWork)**  
And we can refer to this and check for tracking against that.

01:40 - 01:51 **Byron Cochrane (OpenWork)**  
Real needs are for, you know, my most solutions dominate the, The needs that are being the drivers the leads that are being satisfied by the driver.

01:51 - 01:55 **Byron Cochrane (OpenWork)**  
So that's just kind of a reference, thin.

01:55 - 01:57 **Byron Cochrane (OpenWork)**  
Metal will keep on doing that, Speak Out.

01:57 - 02:05 **Byron Cochrane (OpenWork)**  
And as we add, tasks will look at the drivers to say, OK, does that, but that doesn't have a driver than that.

02:05 - 02:05 **Byron Cochrane (OpenWork)**  
It lying.

02:05 - 02:10 **Byron Cochrane (OpenWork)**  
Certainly not needed, Will create the driver, to aim at Torts.

02:11 - 02:16 **Byron Cochrane (OpenWork)**  
So, just kinda keeping on track sort of thing.

02:18 - 02:19 **Byron Cochrane (OpenWork)**  
Agendas!

02:20 - 02:29 **Byron Cochrane (OpenWork)**  
I put a agenda in here for, Let's switch, uh, can, should do one for the conference, as well.

02:29 - 02:31 **Byron Cochrane (OpenWork)**  
Maybe we will do that during this meeting.

02:32 - 02:32 **Byron Cochrane (OpenWork)**  
Um.

02:35 - 02:40 **Byron Cochrane (OpenWork)**  
And then, this year, so, this is where we will track issues.

02:40 - 02:50 **Byron Cochrane (OpenWork)**  
And what I've done is, I've created a bunch of that issues that are based on the, the scope of work here, out of the charter.

02:50 - 02:55 **Byron Cochrane (OpenWork)**  
So, these essentially are epics, and that's why I'm looking at it.

02:55 - 02:58 **Byron Cochrane (OpenWork)**  
And so we can look at them separately and figure it out.

02:59 - 03:04 **Byron Cochrane (OpenWork)**  
If this really works for a way to do it, or not, I'm not really sure.

03:04 - 03:08 **Byron Cochrane (OpenWork)**  
But it's a place where we can start, because we have it.

03:08 - 03:17 **Byron Cochrane (OpenWork)**  
And so, and then, at least for addressing things are suddenly be addressing in charters, Makes it useful to do that.

03:18 - 03:19 **Byron Cochrane (OpenWork)**  
And align with that.

03:19 - 03:29 **Byron Cochrane (OpenWork)**  
Don't know if we need to look at our drivers at all, to make sure that things are something there and we have proper traffic.

03:30 - 03:31 **Byron Cochrane (OpenWork)**  
Work map.

03:31 - 03:33 **Byron Cochrane (OpenWork)**  
I will discuss that as we go.

03:34 - 03:40 **Byron Cochrane (OpenWork)**  
I think maybe we can just kind of site friendly's issues, know, at least at pace.

03:40 - 03:49 **Byron Cochrane (OpenWork)**  
Fonts are we doing, for some of them seem quite, uh, quite obvious, and they're fairly much an order.

03:50 - 04:00 **Byron Cochrane (OpenWork)**  
Describe the best new best practices, it's basically things that have emerged since the last GOD, cat AP, and what's happened between then and now?

04:01 - 04:04 **Byron Cochrane (OpenWork)**  
And so once I've done that, then, we can hit second one.

04:04 - 04:09 **Byron Cochrane (OpenWork)**  
So, they're currently, in order that says, uh, assess the need.

04:09 - 04:24 **Byron Cochrane (OpenWork)**  
Once we see these best practices, now we can really fully assess the need for an ..., and that's probably a fairly short one, I would imagine, that would fall out of that, the first issue.

04:26 - 04:30 **Byron Cochrane (OpenWork)**  
That will need to separate, and I think it's a safe assumption, separating.

04:31 - 04:36 **Byron Cochrane (OpenWork)**  
God Cat from the Kennedy: He, As a current one that's aligned with.

04:36 - 04:48 **Byron Cochrane (OpenWork)**  
And so, it can be implemented, more universally, and each of, these kind of flow, That way, that will, if they start with the first ones, then we can go from there.

04:48 - 04:50 **Byron Cochrane (OpenWork)**  
That's, that's kinda my thinking right now.

04:50 - 04:57 **Byron Cochrane (OpenWork)**  
It could be that there's some issues that we wanted to start on, uh, earlier than that.

04:57 - 05:01 **Byron Cochrane (OpenWork)**  
Uh, like, we can manage that as we go.

05:02 - 05:08 **Byron Cochrane (OpenWork)**  
So, each of these aspects will need to look at, and maybe this will be a good task to do it in a workshop format.

05:11 - 05:15 **Byron Cochrane (OpenWork)**  
Uh, Singapore is to say, OK.

05:15 - 05:18 **Byron Cochrane (OpenWork)**  
It started with the needs assessment.

05:19 - 05:30 **Byron Cochrane (OpenWork)**  
Probably a view are the prior videos for a label that first one, and then we can then say, OK, what's a task comes up and you won't satisfy that.

05:32 - 05:36 **Byron Cochrane (OpenWork)**  
Create something that discussion paper, as it suggests.

05:37 - 05:38 **Byron Cochrane (OpenWork)**  
Not what's happened there.

05:40 - 05:55 **Byron Cochrane (OpenWork)**  
That has me, I think that's kind of up to us, probably have some guidance from O P C, on what will be required on there to satisfy not really previewed current art.

05:56 - 05:58 **Byron Cochrane (OpenWork)**  
Are pregnant art my dance?

05:58 - 06:01 **Byron Cochrane (OpenWork)**  
Partner in crime nation comment made me anyway.

06:02 - 06:12 **Byron Cochrane (OpenWork)**  
So, uh, yeah, I've created a Project Board here as well, so that we can In the end.

06:15 - 06:16 **Byron Cochrane (OpenWork)**  
Come on board type style.

06:17 - 06:21 **Byron Cochrane (OpenWork)**  
I've added a, change a column name, and added another one.

06:22 - 06:33 **Byron Cochrane (OpenWork)**  
Hi, along the line, new acronym and I'm trying to make more popular, now, never liked the done column, because time slot fall and done column.

06:33 - 06:37 **Byron Cochrane (OpenWork)**  
And whether they're really done or not, doesn't matter, they disappear.

06:38 - 06:39 **Byron Cochrane (OpenWork)**  
Jan said, it's from.

06:41 - 06:42 **Byron Cochrane (OpenWork)**  
Let's not miss the S three idea.

06:43 - 06:48 **Byron Cochrane (OpenWork)**  
And basically, instead of done, you have the idea that it's good enough for now, safe enough to try.

06:48 - 06:56 **Byron Cochrane (OpenWork)**  
It's essentially a decision consent that, yes, we think this, we've satisfied this by the group.

06:57 - 07:03 **Byron Cochrane (OpenWork)**  
That's kind of a no touch sort of decision that says it's done, But it's done.

07:03 - 07:11 **Byron Cochrane (OpenWork)**  
When you say it's done, It's done with the review that will be conducted later, so it's not a final, final, final, nothing's.

07:11 - 07:14 **Byron Cochrane (OpenWork)**  
Ever, final, final, final in the stuff anyway.

07:14 - 07:16 **Byron Cochrane (OpenWork)**  
You'll get a view that sometime later.

07:16 - 07:25 **Byron Cochrane (OpenWork)**  
And so, once we have it in the done column and the genset column, rather than you can say, all right now, need to review date.

07:26 - 07:28 **Byron Cochrane (OpenWork)**  
Because there will be a columnar.

07:28 - 07:30 **Byron Cochrane (OpenWork)**  
Yes, hesitate.

07:31 - 07:36 **Byron Cochrane (OpenWork)**  
So, that's the way that I've gotta start moving over some task against them.

07:37 - 07:39 **Byron Cochrane (OpenWork)**  
So that's how I see that being used.

07:39 - 07:41 **Byron Cochrane (OpenWork)**  
Was there anything else on this?

07:43 - 07:43 **Byron Cochrane (OpenWork)**  
Oops.

07:45 - 07:45 **Byron Cochrane (OpenWork)**  
Yeah.

07:47 - 07:48 **Byron Cochrane (OpenWork)**  
Ok.

07:49 - 07:55 **Byron Cochrane (OpenWork)**  
Ok, so Actions, Wiki, I think that I'm not using the Actions tab.

07:57 - 07:59 **Byron Cochrane (OpenWork)**  
Pull Requests will happen as we go.

07:59 - 08:04 **Byron Cochrane (OpenWork)**  
So that's essentially what we have, court tools currently.

08:04 - 08:09 **Byron Cochrane (OpenWork)**  
And I guess the question next question is really.

08:10 - 08:10 **Danny Vandenbroucke (KU Leuven)**  
Inspiring.

08:12 - 08:16 **Danny Vandenbroucke (KU Leuven)**  
Either maybe a suggestion but also question me.

08:19 - 08:36 **Danny Vandenbroucke (KU Leuven)**  
For the first bullets, under the tasks of the this this week is to go eventually from this engineering, no not engineering discussion paper to this practice document.

08:37 - 08:44 **Danny Vandenbroucke (KU Leuven)**  
I remembered that they were quite strict rules of O G C to speak about this practice document.

08:45 - 08:51 **Danny Vandenbroucke (KU Leuven)**  
I should still look into examples of best practice documents.

08:51 - 09:09 **Danny Vandenbroucke (KU Leuven)**  
Maybe also discuss with Scott on that because he initiated the discussion that if we want to make a best practice document, we should follow some rules slash template as well to describe these best practices.

09:10 - 09:22 **Danny Vandenbroucke (KU Leuven)**  
And I think it's still useful to to develop some of these and to collect these and then go in several steps towards the best practices document because many things happened.

09:23 - 09:30 **Danny Vandenbroucke (KU Leuven)**  
So I will try but probably it's only when I will travel to to the meeting that I will have more time to.

09:31 - 09:32 **Danny Vandenbroucke (KU Leuven)**  
Scrutinize a little bit.

09:32 - 09:33 **Danny Vandenbroucke (KU Leuven)**  
What this is about.

09:35 - 09:37 **Danny Vandenbroucke (KU Leuven)**  
That that's the suggestion.

09:37 - 09:40 **Danny Vandenbroucke (KU Leuven)**  
And then we can put it somewhere on GitHub.

09:41 - 09:42 **Danny Vandenbroucke (KU Leuven)**  
So that's, OK.

09:42 - 09:54 **Danny Vandenbroucke (KU Leuven)**  
We will have, maybe, presentations in the meetings and collect, but also collect from members of the GC, how they applied the standard so far.

09:55 - 09:58 **Danny Vandenbroucke (KU Leuven)**  
Well, to best practice, template, document, or something.

10:00 - 10:01 **Danny Vandenbroucke (KU Leuven)**  
So that's one thing.

10:01 - 10:05 **Danny Vandenbroucke (KU Leuven)**  
And then, I, but I don't know exactly how it goes because it's an existing standards.

10:06 - 10:08 **Danny Vandenbroucke (KU Leuven)**  
We might say, OK.

10:08 - 10:11 **Danny Vandenbroucke (KU Leuven)**  
We want to, we have quality issues now might think.

10:11 - 10:23 **Danny Vandenbroucke (KU Leuven)**  
Or is it also not the template for change requests or something, if you have an existing standard of what you see.

10:23 - 10:28 **Danny Vandenbroucke (KU Leuven)**  
How do you introduce a potential change?

10:28 - 10:31 **Danny Vandenbroucke (KU Leuven)**  
I'm not sure about this, because I've not done that.

10:31 - 10:34 **Danny Vandenbroucke (KU Leuven)**  
So that maybe some of you have done that in the past.

10:34 - 10:35 **Danny Vandenbroucke (KU Leuven)**  
Yeah.

10:35 - 10:35 **Danny Vandenbroucke (KU Leuven)**  
I.

10:35 - 10:37 **Rob Atkinson**  
Put my hand up here.

10:37 - 10:37 **Rob Atkinson**  
Is it obvious?

10:39 - 10:40 **Byron Cochrane (OpenWork)**  
No, I don't see.

10:40 - 10:41 **Danny Vandenbroucke (KU Leuven)**  
It doesn't have one.

10:44 - 10:48 **Rob Atkinson**  
I think there's a couple of, um, couple of issues to unpack and separate there.

10:49 - 10:49 **Rob Atkinson**  
One.

10:49 - 10:50 **Danny Vandenbroucke (KU Leuven)**  
Is that.

10:50 - 10:55 **Rob Atkinson**  
The existing best practice was based on a previous version of ...

10:55 - 10:59 **Rob Atkinson**  
Was scoped to Duke, had IEP, which is a European.

10:59 - 11:08 **Rob Atkinson**  
So, I wouldn't necessarily say in this particular case, we have an existing one we're doing an update to, I think we're moving it from one site to another site.

11:09 - 11:11 **Rob Atkinson**  
So I think we gotta, we gotta whatever.

11:11 - 11:18 **Rob Atkinson**  
Refactoring out and how much work we do will depend whether we do that in one chunk or whether we start blocking off phases of the problem.

11:19 - 11:32 **Rob Atkinson**  
I'm building it up, So, that's the first thing, is, um, the second thing is, I think that, we also have a special case here, and that's one of the reasons why I'm putting my hand up to help drive the process and support it.

11:33 - 11:41 **Rob Atkinson**  
Is that the process of profiling a standard is potentially A, slightly different than developing something from scratch.

11:42 - 11:48 **Rob Atkinson**  
And one of the things we've struggled with, is the way profiles are described has been a bit ad hoc.

11:49 - 11:54 **Rob Atkinson**  
Now, often, it's a big, long mission, human, readable document, some way of describing what the constraints are.

11:54 - 11:57 **Rob Atkinson**  
They're not directly usable, testable.

11:57 - 12:00 **Rob Atkinson**  
You can't say you had two profiles relate to each other or not.

12:00 - 12:08 **Rob Atkinson**  
Isn't there's no, there's no huge gain in interoperability for a lot of those profiles.

12:08 - 12:11 **Rob Atkinson**  
Because the why now, it's a human readable.

12:11 - 12:15 **Rob Atkinson**  
So we've got issues that we want to make this machine readable.

12:15 - 12:16 **Rob Atkinson**  
Try to actually describe the profile.

12:17 - 12:18 **Rob Atkinson**  
We know that Dick had IP flavors.

12:18 - 12:20 **Rob Atkinson**  
I've started doing that.

12:20 - 12:22 **Rob Atkinson**  
I've started creating here's the Shackle rules, et cetera.

12:22 - 12:28 **Rob Atkinson**  
So I think we are in the process of doing a first cab off the rank.

12:29 - 12:31 **Rob Atkinson**  
Think about the.

12:33 - 12:43 **Rob Atkinson**  
Machine readable profiling mechanisms, and the one of the reasons we're the first cab off the rank is because we're starting with an ontology, it has identifiable targets for every concept.

12:43 - 12:47 **Rob Atkinson**  
We can write constraints directly against the base standard.

12:48 - 12:57 **Rob Atkinson**  
Whereas, most of the other, if it's an XML schema or something like that, it's actually fairly hard to write a profile that describes it.

12:57 - 13:07 **Rob Atkinson**  
You can do a certain amount with something like Schema Tron for XML, but we do actually have an opportunity to have a I highly expressive machine readable profile.

13:07 - 13:15 **Rob Atkinson**  
So my feeling is in terms of the mechanisms here, we should probably just look at functionally, what, what does our specification we want to achieve look like?

13:17 - 13:19 **Rob Atkinson**  
And then I think we can ...

13:20 - 13:22 **Rob Atkinson**  
With the process.

13:22 - 13:24 **Rob Atkinson**  
I'm not necessarily convinced me.

13:24 - 13:30 **Rob Atkinson**  
For best practice, I think we would possibly aiming for a specification and the specification is a profile.

13:30 - 13:35 **Rob Atkinson**  
And we will probably want to put an arguments downfall why.

13:36 - 13:41 **Rob Atkinson**  
The process we adopt is an appropriate repeatable process that the IGC should adopt.

13:42 - 13:53 **Rob Atkinson**  
I think we will be making it up as we go along to a certain extent by some pragmatically what works for us And feeding that into future IGC policies and procedures.

13:54 - 13:56 **Rob Atkinson**  
That's that's my gut feeling.

13:56 - 13:58 **Rob Atkinson**  
So I don't think we need to be too constrained.

13:58 - 14:02 **Rob Atkinson**  
We should just focus on what we feel we need to do to get a good results.

14:03 - 14:10 **Rob Atkinson**  
And then, we can have conversations about how to know how to repeat that process.

14:10 - 14:16 **Rob Atkinson**  
Because we wanted to develop a profile, which is itself profile Level four specific application areas.

14:17 - 14:20 **Rob Atkinson**  
So it's important for us to get this mechanism right and scalable.

14:32 - 14:33 **Byron Cochrane (OpenWork)**  
Yeah, sounds like the data.

14:34 - 14:40 **Byron Cochrane (OpenWork)**  
Some things that, uh, already in mind for the discussions in Singapore.

14:42 - 14:44 **Byron Cochrane (OpenWork)**  
Certainly some outreach to them.

14:45 - 14:48 **Byron Cochrane (OpenWork)**  
I'll just say personal support on some of these questions.

14:49 - 14:56 **Byron Cochrane (OpenWork)**  
Mean, the review of the current novos, all right, art stuff, and so on.

14:56 - 15:02 **Byron Cochrane (OpenWork)**  
What, what form that would be to satisfy any requirements that might be there?

15:04 - 15:09 **Byron Cochrane (OpenWork)**  
It will be useful to have some, some discussions on as well.

15:10 - 15:16 **Byron Cochrane (OpenWork)**  
So, back to our tool set we're using, are there, is there anything that we're missing?

15:16 - 15:23 **Byron Cochrane (OpenWork)**  
One of the things I kind of wonder, is communication channels or discussing things through the issue tracker.

15:24 - 15:30 **Byron Cochrane (OpenWork)**  
I kind of like that, myself, or most of the day-to-day work that has or other aspects of it that we need.

15:32 - 15:40 **Byron Cochrane (OpenWork)**  
More robust communication channel, E-mail, more instantaneous for anything like that, for conversations to go.

15:40 - 15:45 **Byron Cochrane (OpenWork)**  
That's one thing that came up to my mind that we don't really have a good tool for.

15:45 - 15:50 **Byron Cochrane (OpenWork)**  
I'm wondering if anyone else, I'm not convinced of the need, But anyway, that was fun.

15:51 - 15:57 **Byron Cochrane (OpenWork)**  
One thought I had, and I'm wondering if anyone else has any ideas, any other tools, we should be?

15:57 - 16:07 **Byron Cochrane (OpenWork)**  
Uh, I'm throwing into our kit here so everyone knows where to go in order to communicate, what needs to be communicated and get work done.

16:07 - 16:13 **Rob Atkinson**  
Can you talk about your expectations regarding use of Git Hub in terms of pull requests and reviews?

16:13 - 16:23 **Rob Atkinson**  
We're going through this with the sys or review at the moment where we're now develop a little bit of a hybrid of the W three C practices.

16:24 - 16:32 **Rob Atkinson**  
And, T.c.a.t., being a W three C thing, having some relationship to those will make it easier for that community to engage with it.

16:32 - 16:33 **Rob Atkinson**  
Hmm, hmm.

16:34 - 16:41 **Rob Atkinson**  
But it's not the only one, I mean, most of us probably involved with other standards processes, and have our own feelings about what works and what doesn't.

16:42 - 16:42 **Byron Cochrane (OpenWork)**  
I mean, I can.

16:42 - 16:52 **Rob Atkinson**  
Quickly outline some of the W three C processes, the main bit of what we might be outlined some of the ISO stuff, and write this well, if he thinks, and if it's relevant.

16:53 - 17:03 **Rob Atkinson**  
But for W three C, generally speaking, what would happen is we would, to have a situation where we have a pull request that's generated for substantive changes.

17:05 - 17:19 **Rob Atkinson**  
And the, sorry, anything, which changes, the normative part of the machine readable components, or the normative parts of the specification, in terms of their meaning, would go through a pull request.

17:19 - 17:20 **Rob Atkinson**  
And there would be a set of reviews.

17:21 - 17:22 **Rob Atkinson**  
I see your request reviews.

17:24 - 17:36 **Rob Atkinson**  
We would, we would layer on top of that, some of the IGC practices, where we would expect that any substantial changes, actually go through the automated validation scripts, which I'll show you later.

17:36 - 17:43 **Rob Atkinson**  
Um, so you probably make sure that before you accept it, it has to validate, the examples have to validate, that sort of thing.

17:43 - 17:46 **Rob Atkinson**  
So that would be a modification of the W three C process.

17:46 - 17:48 **Rob Atkinson**  
And it's a weakness of theirs.

17:48 - 17:52 **Rob Atkinson**  
They don't do that There is no tooling support for the review process.

17:54 - 17:56 **Rob Atkinson**  
So I think we can improve on that.

17:57 - 18:05 **Rob Atkinson**  
But I do think that the idea of creating pull requests and asking for reviews and pull requests should reference the issues they're solving.

18:05 - 18:06 **Rob Atkinson**  
And the issues.

18:06 - 18:06 **Byron Cochrane (OpenWork)**  
Should.

18:06 - 18:16 **Rob Atkinson**  
Generally be discussed, and be resolved with a decision before pull requests is sort of generated.

18:17 - 18:20 **Rob Atkinson**  
Occasionally, a pull request can be generated on a branch.

18:21 - 18:25 **Rob Atkinson**  
Generally speaking, you create another branch, credit and new credit pull requests from that to the master.

18:26 - 18:31 **Rob Atkinson**  
But, other branches can, you could exist for discussing things and testing them when.

18:32 - 18:37 **Rob Atkinson**  
But, yeah, there's just a process by which you say, all right, it's now working on that branch.

18:37 - 18:58 **Rob Atkinson**  
No, press the button two to promote the, the result up to the group, then the group would make a decision about whether substantive changes are in line and then if that's the case, then someone would review the pull request to make sure it's It's complete on a tablet.

18:58 - 19:02 **Rob Atkinson**  
It's well formed and then it's sent accepted into the M.

19:02 - 19:07 **Rob Atkinson**  
So, there's a few additional layers of checking, we get this why.

19:07 - 19:13 **Rob Atkinson**  
But, it doesn't actually mean when new mechanisms you just using get in a disciplined way.

19:14 - 19:15 **Byron Cochrane (OpenWork)**  
Yeah, yeah, Yeah.

19:15 - 19:16 **Byron Cochrane (OpenWork)**  
Well, there's a few things.

19:16 - 19:23 **Byron Cochrane (OpenWork)**  
One is that some of this depends on the nature of sudden being worked on at its documentation.

19:23 - 19:33 **Byron Cochrane (OpenWork)**  
Then, it's kind of a little different process going on at the same automated testing, and those sorts of things put on it, but it's still have approval process that I see happening.

19:34 - 19:39 **Byron Cochrane (OpenWork)**  
And that's, that's why having a board it's not not wedded to GitHub.

19:39 - 19:45 **Byron Cochrane (OpenWork)**  
Other tools do the same thing and but it's what LGC has supplied.

19:45 - 19:48 **Byron Cochrane (OpenWork)**  
It's about people kind of expect, and kind of like that.

19:49 - 19:59 **Byron Cochrane (OpenWork)**  
It's somewhat standardized in the group, and months are some really strong drivers for using the different tools, that, But that.

19:59 - 20:07 **Byron Cochrane (OpenWork)**  
So, I see that the, the general work could be done asynchronously, you know.

20:07 - 20:07 **Byron Cochrane (OpenWork)**  
You can.

20:07 - 20:18 **Byron Cochrane (OpenWork)**  
So you can work on a chunk COPPA document, or code, or the standard itself, whatever, and then do a pull request on that.

20:18 - 20:22 **Byron Cochrane (OpenWork)**  
And we, and we accepted or not, and are meetings.

20:22 - 20:31 **Byron Cochrane (OpenWork)**  
So the meetings are, are generally to go through the issues and some nations, and then move them across the board, essentially.

20:32 - 20:35 **Byron Cochrane (OpenWork)**  
And to the good enough for now, safe enough to try column.

20:35 - 20:37 **Byron Cochrane (OpenWork)**  
That's how I see it happening.

20:37 - 20:47 **Byron Cochrane (OpenWork)**  
And then also, looking at what's in there and saying, OK, we move this into this column, we got a review date, what needs to be reviewed so we can kind of shifts that stuff around.

20:47 - 20:55 **Byron Cochrane (OpenWork)**  
So, right now, we're on every other week cycle, so that would be kinda what I see maintaining for awhile as we go through it.

20:56 - 21:03 **Byron Cochrane (OpenWork)**  
Unless other people have any objections to that, or any better ideas that might help improve it, or?

21:14 - 21:19 **Byron Cochrane (OpenWork)**  
Ok, All right, well, it sounds like there isn't any big me that anyone sees right now.

21:19 - 21:21 **Byron Cochrane (OpenWork)**  
We can revisit the tools as we go.

21:21 - 21:23 **Byron Cochrane (OpenWork)**  
And that's the reality of things.

21:23 - 21:32 **Byron Cochrane (OpenWork)**  
Usually merge as we find that are, not, don't have adequate tooling and Minneapolis throw something in but like bringing it up early.

21:32 - 21:37 **Byron Cochrane (OpenWork)**  
So, if anyone has some thoughts that way we can start aligning things up.

21:39 - 21:40 **Byron Cochrane (OpenWork)**  
Um.

21:42 - 21:43 **Byron Cochrane (OpenWork)**  
So.

21:45 - 21:48 **Byron Cochrane (OpenWork)**  
I think I'm gonna move on to the Skip.

21:48 - 21:51 **Byron Cochrane (OpenWork)**  
The drivers thing didn't really have any work happen that we can do.

21:51 - 22:08 **Byron Cochrane (OpenWork)**  
There's some time and in that Singapore, may, we can look at those there, but I think we can leave that, too, kind of go on, unless anyone's done anything that they feel like they want to raise the drivers based on the previous discussions.

22:13 - 22:29 **Byron Cochrane (OpenWork)**  
Otherwise, I kind of like to move on to this third item, the assumptions to address, and it's kind of, I don't know what to title this section, but it's basically about our starting point on what, what we see.

22:30 - 22:30 **Byron Cochrane (OpenWork)**  
Um.

22:33 - 22:48 **Byron Cochrane (OpenWork)**  
The basic underlying assumptions that we have, I guess, as somebody came back to that word, and one of it is, and I've run into a lot, has been running into, recently with trying to describe some metadata across formats.

22:49 - 23:00 **Byron Cochrane (OpenWork)**  
And that is that often metadata is, well, the example I like is in the library, you have, all the resources are cataloged.

23:00 - 23:07 **Byron Cochrane (OpenWork)**  
Bye there, package there, the, you'll have a many plays by Shakespeare.

23:07 - 23:07 **Byron Cochrane (OpenWork)**  
For instance.

23:07 - 23:09 **Byron Cochrane (OpenWork)**  
The movie will have a catalog entry.

23:09 - 23:12 **Byron Cochrane (OpenWork)**  
The book will have a catalog entry.

23:12 - 23:19 **Byron Cochrane (OpenWork)**  
And whatever else he has an audio recording on the catalog entry that you don't really have a catalog entry for.

23:19 - 23:26 **Byron Cochrane (OpenWork)**  
Hamlet, that encompasses all of us and that sort of and that sort of model.

23:26 - 23:31 **Byron Cochrane (OpenWork)**  
It's just separate entries, and the spatial space, we kind of do it differently.

23:31 - 23:35 **Byron Cochrane (OpenWork)**  
Certainly ISO 1915 doesn't really take that in.

23:36 - 23:53 **Byron Cochrane (OpenWork)**  
They have a deal as a resource, but multiple distributions that are under it, and it becomes a little bit of a problem, might need to think about, um, how you relate things like licenses and the metadata record.

23:54 - 24:03 **Byron Cochrane (OpenWork)**  
Like one issue, come up with it against a fair amount, is that the license are separate from the distributions in the ISO standard.

24:03 - 24:04 **Byron Cochrane (OpenWork)**  
So it's an ISO standard.

24:05 - 24:07 **Byron Cochrane (OpenWork)**  
I mean, yeah.

24:07 - 24:13 **Byron Cochrane (OpenWork)**  
Kind of becomes more about, what's our pace model for thinking about our resources?

24:13 - 24:14 **Byron Cochrane (OpenWork)**  
That for documenting?

24:15 - 24:26 **Byron Cochrane (OpenWork)**  
Because, in that case, you have license, age, distribution of resources can have its own license, That's not the way you really can track it very well through eisler.

24:26 - 24:34 **Byron Cochrane (OpenWork)**  
Yeah, so it's just, what's our mental constructs on how we're addressing these things, they have different strengths and different applications.

24:34 - 24:50 **Byron Cochrane (OpenWork)**  
That I think, that's, I don't, we don't have to answer that now, and hopefully we can come up with a model that lets us do it, anyway, we want to have, hopefully, it's flexible enough that we can say, OK, yeah, we can put that link into the distributions or capture.

24:54 - 25:04 **Byron Cochrane (OpenWork)**  
The license, the licensing for this distribution, which is different than another license, for the same material, it may have an in different circumstance.

25:04 - 25:18 **Byron Cochrane (OpenWork)**  
That sort of thing, maybe easier, But it's just something like to think of up front, because, it's, in other groups, stumbled over this, and other projects have stumbled over that thing.

25:19 - 25:19 **Byron Cochrane (OpenWork)**  
That's fair.

25:20 - 25:24 **Byron Cochrane (OpenWork)**  
So, those assumptions, I'd like to kind of start.

25:24 - 25:25 **Byron Cochrane (OpenWork)**  
Maybe, I should start.

25:26 - 25:44 **Byron Cochrane (OpenWork)**  
Page Atlanta, um, assumptions that we have about it, if they, and then discuss whether they need to be resolved or they can get around them with the technical model that says, Hey, we can do it, and, for all of them are, maybe we don't, maybe we have some things, and the assumptions.

25:46 - 25:46 **Byron Cochrane (OpenWork)**  
Good.

25:48 - 25:48 **Byron Cochrane (OpenWork)**  
Ok.

25:48 - 25:57 **Rob Atkinson**  
Which is: Git Hub, we actually put a little Markdown, which is a basically a statement about the assumptions and the scope.

25:57 - 26:02 **Rob Atkinson**  
That will eventually get pulled up into the final document as now.

26:02 - 26:05 **Rob Atkinson**  
So, when we write the final document, we'll just pull that section up.

26:05 - 26:13 **Rob Atkinson**  
In the meantime, we can just work on that section, just to make sure we've documented what are starting, and our endpoints are in this.

26:13 - 26:29 **Rob Atkinson**  
And it just, it just, I guess it comes out Vietnamese, any of the resources, which we can actually just create fragments to the final documents, which are describing the assumptions, and, and scope.

26:30 - 26:37 **Rob Atkinson**  
And then we can just work on tuning those as a, as a discreet activity.

26:38 - 26:39 **Byron Cochrane (OpenWork)**  
Suddenly, we can.

26:39 - 26:39 **Rob Atkinson**  
Revisit.

26:39 - 26:40 **Byron Cochrane (OpenWork)**  
Them one way.

26:40 - 26:40 **Byron Cochrane (OpenWork)**  
We.

26:40 - 26:42 **Rob Atkinson**  
Learned something.

26:43 - 26:43 **Byron Cochrane (OpenWork)**  
Yeah.

26:44 - 26:44 **Byron Cochrane (OpenWork)**  
Cool.

26:45 - 26:46 **Byron Cochrane (OpenWork)**  
Like that.

26:47 - 26:59 **Byron Cochrane (OpenWork)**  
And yeah, the backwards compatibility issue, I don't know if I have to say too much about that right now, But that's something that will be, it gets into testing and the discussion of when it's OK to break backwards compatibility, and what's not.

26:59 - 27:05 **Rob Atkinson**  
I have, I have something very specific there, which is, we talked before, about examples, and so forth.

27:05 - 27:14 **Rob Atkinson**  
My feeling is, if we have an expectation of backwards compatibility than we should identify and put it in the Git hub repository, some test cases.

27:14 - 27:14 **Rob Atkinson**  
Here's some things.

27:14 - 27:19 **Rob Atkinson**  
Which we wanted to test backwards compatibility against.

27:19 - 27:29 **Rob Atkinson**  
So if people have a stake in backwards compatibility for which in this case will with GOD had IP, we should put some ...

27:29 - 27:33 **Rob Atkinson**  
At IP resources as test cases into the repository.

27:36 - 27:39 **Byron Cochrane (OpenWork)**  
Ok, Task here, right now.

27:42 - 27:49 **Rob Atkinson**  
Who has, who can volunteer to provide some, which I think will give us a reasonable set of test cases backwards compatibility.

27:49 - 28:02 **Rob Atkinson**  
The other thing we can do is we can actually, um, the running test cases for ..., a pay as in terms of their shackle and so forth, will be a problem.

28:02 - 28:03 **Rob Atkinson**  
Because it will basically cover a lot of things.

28:03 - 28:14 **Rob Atkinson**  
And we would have so now we could chew and examples to be compatible with both apps and GIZ had IP, but it's easiest to get a Jira ticket IP results.

28:14 - 28:18 **Rob Atkinson**  
Then just check the smaller set of it, can some assumptions that are GOD cache.

28:20 - 28:27 **Rob Atkinson**  
God can IP, has got a lot of IP, European portable, specific stuff in it, The ...

28:27 - 28:28 **Rob Atkinson**  
Probably doesn't need.

28:32 - 28:32 **Byron Cochrane (OpenWork)**  
Yeah.

28:32 - 28:36 **Byron Cochrane (OpenWork)**  
So then my decision is kind of profiling issue.

28:37 - 28:46 **Rob Atkinson**  
And, in fact, we could actually look at a version of GOD Catch, which is a VIP, which is a profile of GOD cache, and, for and a profile of Duke had, I pay.

28:47 - 28:51 **Rob Atkinson**  
And we can put test cases, or we can test, for example, these resources validated against both.

28:54 - 29:00 **Byron Cochrane (OpenWork)**  
Mac could be, so that would have that task, but applied to probably a few of the techniques.

29:00 - 29:05 **Byron Cochrane (OpenWork)**  
Actually, there is one ethnic about separating ...

29:05 - 29:06 **Byron Cochrane (OpenWork)**  
From the ...

29:06 - 29:08 **Byron Cochrane (OpenWork)**  
A specific task on that.

29:10 - 29:11 **Byron Cochrane (OpenWork)**  
Perhaps that will allow alignment.

29:14 - 29:19 **Byron Cochrane (OpenWork)**  
Alright, last thing, I have a solid agenda item.

29:20 - 29:21 **Byron Cochrane (OpenWork)**  
Back here.

29:23 - 29:34 **Byron Cochrane (OpenWork)**  
Is, uh, I'm hoping Rob can talk about this problem on the building blocks thing and how it applies to ....

29:34 - 29:38 **Byron Cochrane (OpenWork)**  
I kind of assume you've probably submitted that Simba M.

29:40 - 29:44 **Byron Cochrane (OpenWork)**  
The document itself for a charter, So on, OK.

29:44 - 29:45 **Byron Cochrane (OpenWork)**  
It's my guest.

29:45 - 29:45 **Byron Cochrane (OpenWork)**  
Yeah.

29:46 - 29:52 **Rob Atkinson**  
Yeah, during the charter, they found that the building block stuff was not as will advance.

29:52 - 29:55 **Rob Atkinson**  
So there's not very much out there.

29:55 - 30:00 **Rob Atkinson**  
But what I'll do is I'll show you what we're doing in the OTC API building blocks and.

30:00 - 30:01 **Byron Cochrane (OpenWork)**  
Then we can.

30:01 - 30:15 **Rob Atkinson**  
Discuss with a, we can make a decision about whether that's something we, um, well, I'll let let's just, let's just show you a quick outline of what we're talking about.

30:15 - 30:23 **Rob Atkinson**  
And then we can talk about whether we feel this is an appropriate as a place to start and build out from, or whether it's something which.

30:26 - 30:34 **Rob Atkinson**  
Maybe it can be looked at later in the context of creating a API records implementation of GOD cache.

30:35 - 30:36 **Rob Atkinson**  
So let me share my screen.

30:37 - 30:37 **Byron Cochrane (OpenWork)**  
I.

30:37 - 30:43 **Rob Atkinson**  
Will refer some of the I think you need to make me a present to the right this work.

30:44 - 30:47 **Byron Cochrane (OpenWork)**  
Hmm, hmm, hmm, OK, I'll do that.

30:53 - 30:58 **Rob Atkinson**  
Um, Well, who's the organizer of this meeting intention?

30:59 - 31:00 **Rob Atkinson**  
I mean, I thought you were.

31:01 - 31:01 **Byron Cochrane (OpenWork)**  
Does.

31:01 - 31:02 **Rob Atkinson**  
Somebody have.

31:02 - 31:03 **Byron Cochrane (OpenWork)**  
Permission to start at night?

31:03 - 31:07 **Byron Cochrane (OpenWork)**  
I don't know how I, control is screen sharing.

31:11 - 31:13 **Byron Cochrane (OpenWork)**  
Um.

31:14 - 31:15 **Rob Atkinson**  
Um.

31:18 - 31:21 **Rob Atkinson**  
I would suggest, maybe look at the gray dots at the top.

31:22 - 31:27 **Rob Atkinson**  
It's not something, I mean, I don't have access to those controls, so I can't.

31:27 - 31:34 **Byron Cochrane (OpenWork)**  
Just takes me about screen sharing, go here.

31:34 - 31:35 **Byron Cochrane (OpenWork)**  
Maybe something.

31:38 - 31:38 **Byron Cochrane (OpenWork)**  
Yes?

31:41 - 31:41 **Rob Atkinson**  
To.

31:42 - 31:47 **Byron Cochrane (OpenWork)**  
Share my screen, I don't seem that Permissioned, but others, that's kind of odd.

31:49 - 31:51 **Byron Cochrane (OpenWork)**  
Someone else smells, habit, do this.

31:55 - 31:58 **Byron Cochrane (OpenWork)**  
Yeah, Changes, things way too fast.

31:59 - 32:00 **Byron Cochrane (OpenWork)**  
Just for me.

32:01 - 32:05 **Christin Henzen**  
In Zoom, you have to check the attendance list.

32:06 - 32:07 **Byron Cochrane (OpenWork)**  
Oh, let's look at there.

32:09 - 32:10 **Christin Henzen**  
Yeah, and you look up.

32:10 - 32:11 **Christin Henzen**  
Just look.

32:11 - 32:12 **Christin Henzen**  
Follow up.

32:12 - 32:16 **Christin Henzen**  
And then make him an organizer presenter, maybe that.

32:16 - 32:16 **Byron Cochrane (OpenWork)**  
Way.

32:17 - 32:18 **Byron Cochrane (OpenWork)**  
Thank you.

32:19 - 32:19 **Christin Henzen**  
Ok.

32:27 - 32:30 **Rob Atkinson**  
Christian, Europe, star, OK, Excellent.

32:30 - 32:36 **Rob Atkinson**  
That seems to work, OK, so, with a bit of luck, We'll get a screen coming up now.

32:37 - 32:43 **Rob Atkinson**  
Um, and I guess the question is, um, kind of where to start on this thing.

32:43 - 32:59 **Rob Atkinson**  
But, um, OK, so what I might do is I might, I'll just pull this one across, I'll show you just how a building block looks like from the perspective of a repository.

32:59 - 33:03 **Rob Atkinson**  
So, building block, far as you say, ...

33:03 - 33:10 **Rob Atkinson**  
Has a bunch of sources which are machine readable resources, and we've been breaking this thing down, an intro.

33:11 - 33:18 **Rob Atkinson**  
Some areas for describing, So, in this particular case, we're looking at observations and measurements, and this is the properties of an observation.

33:19 - 33:22 **Rob Atkinson**  
And in this, there's a schema, and that base, and it has things like results.

33:22 - 33:26 **Rob Atkinson**  
Time is a string, which is a date time, and a phenomena type.

33:29 - 33:44 **Rob Atkinson**  
Possibly, also, what would be that feature of interest, which is a string, but it might actually there's some, there's a few nuances for how we might do that, which I can talk about in terms of building blocks.

33:44 - 33:48 **Rob Atkinson**  
So, so, the building block is a is a schema.

33:49 - 33:54 **Rob Atkinson**  
And it has a set of examples.

33:54 - 34:02 **Rob Atkinson**  
Um, and, if I Look at one of these, I show this example here.

34:02 - 34:05 **Rob Atkinson**  
Examples can be JSON files.

34:07 - 34:12 **Rob Atkinson**  
We also have a facility for examples to be any other language.

34:12 - 34:15 **Rob Atkinson**  
You can have examples in Turtle, or XML, or whatever it is that we need.

34:16 - 34:21 **Rob Atkinson**  
But the main goal is, we would have examples in, in a JSON file.

34:21 - 34:41 **Rob Atkinson**  
So this is an example of an observation based on a profile of the you see API features, Geo JSON view of the world, and, and it basically is defining the properties that I said a observation needs to have.

34:41 - 34:43 **Rob Atkinson**  
So, you actually look at the schema.

34:46 - 34:52 **Rob Atkinson**  
So, particularly interesting, let's look at the schema for a feature instead of the, Um.

34:54 - 35:06 **Rob Atkinson**  
Uh, that's an example, if we look at the, um, the, the base observation picture here, what we will see is actually references.

35:06 - 35:21 **Rob Atkinson**  
I, another thing, this other thing is a generalized schema for a geo JSON, this forms part of our officer, Master Building Block Registry.

35:22 - 35:24 **Rob Atkinson**  
And we've got quite a few.

35:24 - 35:31 **Rob Atkinson**  
Um, we've got quite a few building blocks already built which allow us to standardize the implementation patterns.

35:31 - 35:34 **Rob Atkinson**  
So we have a set we have a building block for a Geo JSON schema.

35:34 - 35:42 **Rob Atkinson**  
We have a building block for things like Bounding Box that we're building blocks from features or feature collections.

35:42 - 35:53 **Rob Atkinson**  
Jason FG is an extended version of this that allows us to define CRA says and we have another interesting things, like I mentioned before, about whether it's a URI.

35:53 - 36:03 **Rob Atkinson**  
So we have a little schema, which allows us define a value that can be turned into a URL, which is an object property, and a ontology.

36:03 - 36:05 **Rob Atkinson**  
And it could either be a string.

36:05 - 36:11 **Rob Atkinson**  
Or it could be a Curie and if I look at the examples, you can sort of see we've got a couple of different days off.

36:11 - 36:13 **Rob Atkinson**  
There's a full URI.

36:13 - 36:16 **Rob Atkinson**  
There's a Curie which is a compact URI form.

36:18 - 36:21 **Rob Atkinson**  
And there's also other forms, which are possible.

36:22 - 36:28 **Rob Atkinson**  
And it's possible to say, OK, I've got an Unadorned value, and I'm going to use a base URI, and turn that into a URI.

36:28 - 36:31 **Rob Atkinson**  
So some of these things are a little bit tricky unkind.

36:33 - 36:36 **Rob Atkinson**  
That's pretty trivial examples that can be very useful.

36:37 - 36:47 **Rob Atkinson**  
But the idea of the building block structure is that these patterns which are a little bit tricky to get right and to be general enough, we don't want everybody re-inventing those whales.

36:48 - 36:53 **Rob Atkinson**  
So we're generating rebuild the building blocks, re-usable building blocks.

36:54 - 37:06 **Rob Atkinson**  
And so, this one is part of the JSON FG and it basically describes, again, it's this, actually, this needs an example in it, doesn't have one versus, I should eat my own dog food.

37:06 - 37:11 **Rob Atkinson**  
And there's a couple of other things, which are, I'm still in the experimental phase.

37:11 - 37:13 **Rob Atkinson**  
And, we've got suffered.

37:13 - 37:14 **Rob Atkinson**  
Gao pose.

37:16 - 37:26 **Rob Atkinson**  
Version of the link with a with a conformance statement, this, this object conforms to something and then we've got, now, we can sort of see the, the size of the things in here.

37:26 - 37:29 **Rob Atkinson**  
So, these, are, these are some building blocks.

37:29 - 37:35 **Rob Atkinson**  
Um, so, if we look at the building blocks, a little bit more detail, sort of, what happens, Sorry.

37:36 - 37:37 **Rob Atkinson**  
Correct, the right one.

37:37 - 37:50 **Rob Atkinson**  
Um, here, the building block, basically, has a set of, um, schemer issues determine the structure.

37:50 - 37:54 **Rob Atkinson**  
Then, it has this linked data part of it, which is a JSON LD context.

37:54 - 37:58 **Rob Atkinson**  
This is the thing that links us, the schema elements to the ontology.

37:58 - 38:03 **Rob Atkinson**  
So, this is where we say, if we have this schema, this is how it links to ...

38:03 - 38:06 **Rob Atkinson**  
Dth Extensions of TCAS.

38:06 - 38:15 **Rob Atkinson**  
So, the building blocks are about joining the, the, the, the data model to the implementation schema.

38:15 - 38:26 **Rob Atkinson**  
So, when we want to have looked at Duke hat for I input as an implementation of agency API records, how do we use the IPR records using and and methods to ...?

38:26 - 38:29 **Rob Atkinson**  
We can create this, this sum, this context document.

38:29 - 38:35 **Rob Atkinson**  
Again, these context documents get horribly complicated, which is why the tooling is really, really important.

38:36 - 38:50 **Rob Atkinson**  
So, when we do a, when we put something in here, we have this little workflow, So, what happens, which is some re-usable code that we use for all our building blocks, which basically post processes, all these sources.

38:50 - 38:53 **Rob Atkinson**  
What it does, this is where it gets a little bit more interesting.

38:53 - 38:58 **Rob Atkinson**  
Maybe the rest it's a little bit abstract, is it actually builds?

38:59 - 39:00 **Rob Atkinson**  
Aye.

39:00 - 39:15 **Rob Atkinson**  
Um, uh, finally, one of the things, it actually builds the context document in the correct nested form that's required to turn the nested JSON into the RDF graph.

39:15 - 39:17 **Rob Atkinson**  
This stuff actually turns out to be quite tricky.

39:17 - 39:23 **Rob Atkinson**  
I started trying to do this manually and it became impossible very quickly when you have re-usable pieces.

39:24 - 39:31 **Rob Atkinson**  
But so, but we have this toolkit, which will compose the target context to match, that's how I get schemas.

39:32 - 39:35 **Rob Atkinson**  
And that means that we can do validations.

39:36 - 39:44 **Rob Atkinson**  
So if we look at the tests, which happen automatically, all the examples get foot truth, gets hurt through tests.

39:45 - 39:47 **Rob Atkinson**  
And so there's the tests.

39:48 - 39:57 **Rob Atkinson**  
I'm actually still, there's actually a life issue I'm working with, which is, how to get the custom results schema, for the example, working in a generic building block.

39:57 - 40:03 **Rob Atkinson**  
But I'm still working on how to, how to inject the custom results schemer, because it's not part of the building block.

40:03 - 40:04 **Rob Atkinson**  
It's part of the example.

40:06 - 40:08 **Rob Atkinson**  
But we also also have a validation report.

40:08 - 40:14 **Rob Atkinson**  
And what happens is we do a, an uplift to using JSON LD.

40:15 - 40:16 **Rob Atkinson**  
We create the turtle.

40:16 - 40:19 **Rob Atkinson**  
We test that, then, we run schema validations.

40:20 - 40:26 **Rob Atkinson**  
Then, we run shukla validations, weekend, there could be any number of shukla validations for a building block.

40:26 - 40:36 **Rob Atkinson**  
And, if I look at the observation collection here, um, you'll see a couple of things.

40:36 - 40:53 **Rob Atkinson**  
So, one, if I look at looker's observation collection example, um, here, this is, say, observation collection, and it has an observed property at the collection level, which means the individual observations don't need it.

40:53 - 41:01 **Rob Atkinson**  
So there's some tricky logic about where things might need to be that you can't really do with schemas.

41:02 - 41:22 **Rob Atkinson**  
Or we may have that issue with rules, the ..., which is that if we have A we may have rules saying that if you have a a full expression of the bounding box in a particular CRS, that you wouldn't populate the global bounding box.

41:23 - 41:27 **Rob Atkinson**  
The Standard GOD catch, we something, because that's kind of meaningless.

41:27 - 41:33 **Rob Atkinson**  
They say, if you want these rules about content and combinations of content, you can't do that in schema.

41:33 - 41:37 **Rob Atkinson**  
You can do it in shackles, which are the shapes constraint language.

41:38 - 41:38 **Rob Atkinson**  
Anyway.

41:38 - 41:53 **Rob Atkinson**  
So, so we can validate, for example, that the ops, that every observation has, either an observed property, or it belongs to a collection, has observed property, and that's, that's what one of these rules does.

41:54 - 42:00 **Rob Atkinson**  
But we can also have examples where it's designed to file neither of these hazards.

42:00 - 42:10 **Rob Atkinson**  
What we'll see in here is we get a validation report, saying, OK, that files tests failed as expected, and therefore, the file passed, if that makes sense.

42:10 - 42:20 **Rob Atkinson**  
But, basically, testing both positive and negative cases in terms of compliance allows us to test to make sure our specification are rules that are old complaints on working.

42:20 - 42:30 **Rob Atkinson**  
So, all this happens automatically on a git hub commit, We actually build all these work examples, we build that, then we build this documentation package.

42:32 - 42:35 **Rob Atkinson**  
So, this is an example and it has, that, has a link to the validation.

42:36 - 42:43 **Rob Atkinson**  
Great resource is the moment we're working on a machine readable summary of that so that we can come not pop up cool.

42:44 - 42:48 **Rob Atkinson**  
Now, and so we will in a process of continual improvement of this.

42:48 - 42:52 **Rob Atkinson**  
So, you've got the worked examples in here, examples are available.

42:53 - 42:56 **Rob Atkinson**  
Now, there's the JSON version of example, that's what the example looks like.

42:56 - 42:58 **Rob Atkinson**  
And Turtle can have as many of these.

42:58 - 43:01 **Rob Atkinson**  
So, for example, for ..., let's say, what does it look like and stack?

43:02 - 43:18 **Rob Atkinson**  
What does it look like in listen Only mode, five, we can generate transformations to different flavors and validate each of those flavors and we all that is automated on the GitHub commits of the source code, the source example, regenerate all the rest of this stuff.

43:20 - 43:24 **Rob Atkinson**  
Now, we've got metadata about, now the references where stuff comes from.

43:24 - 43:33 **Rob Atkinson**  
So, so, we can build this documentation package and we said, this is, this is really an alpha version of it.

43:33 - 43:35 **Rob Atkinson**  
We will be improving this.

43:36 - 43:41 **Rob Atkinson**  
As we go, we've got a few things like now you can look at the JSON LD.

43:42 - 43:47 **Rob Atkinson**  
This is a JSON LD playground for saying, OK, doesn't know, does my, I'm just by JSON LD work?

43:48 - 43:48 **Rob Atkinson**  
Um.

43:49 - 43:53 **Rob Atkinson**  
Uh, not 100% Sure why that doesn't work.

43:57 - 44:02 **Rob Atkinson**  
That's because it's just the context without the, without the data, so you'd have to put your own data into that make it work.

44:04 - 44:04 **Rob Atkinson**  
Uh.

44:08 - 44:15 **Rob Atkinson**  
We've got links to the GitHub repository, and this is the particular object here inside GitHub repository, which is being shown here.

44:16 - 44:20 **Rob Atkinson**  
The repository may have a bunch of different building blocks.

44:21 - 44:28 **Rob Atkinson**  
At the moment, we're still a bit crude in that all we do is generate a very simple, um, list at the moment.

44:28 - 44:33 **Rob Atkinson**  
But again, we will, we will be doing continual improvement.

44:35 - 44:43 **Rob Atkinson**  
So progress, that's enough, but the idea is that we can do this automation testing all the examples of multiple layers.

44:44 - 44:48 **Rob Atkinson**  
And we can do we can run just hurtful examples.

44:49 - 44:52 **Rob Atkinson**  
Well of RDF examples to validation.

44:52 - 44:53 **Rob Atkinson**  
We don't need to have the JSON.

44:54 - 45:03 **Rob Atkinson**  
But this would allow us to create a OTC API records implementation of GOD catch and test that building up as we go.

45:03 - 45:10 **Rob Atkinson**  
So, we can start with the ..., the records a schema, and say, What would it look like if we added these ...

45:10 - 45:11 **Rob Atkinson**  
Elements to it?

45:11 - 45:13 **Rob Atkinson**  
Well, how would we standardize it?

45:14 - 45:18 **Rob Atkinson**  
So, my proposal would be that we can implement this.

45:18 - 45:21 **Rob Atkinson**  
We can basically put, we have this template that we have.

45:22 - 45:22 **Rob Atkinson**  
Yeah.

45:24 - 45:47 **Rob Atkinson**  
For one of these, uh, So it's not the work, that's all the templates, the template is, we have a template, which has the documentation, I'll just give you the link to that, sort of explaining how it all works, and we can, we could add that to the GTA's swig repository.

45:48 - 45:52 **Rob Atkinson**  
As a sort of hello world example of a geo Jacob might look like.

45:53 - 46:00 **Rob Atkinson**  
It might basically implements nothing in the short term, in terms of no constraints.

46:00 - 46:06 **Rob Atkinson**  
And then, as constraints are added to the J can take out specification, examples are added.

46:06 - 46:20 **Rob Atkinson**  
It would automatically validate the examples against our emerging specification every time we commit, um, a change to either examples or the spec itself.

46:21 - 46:24 **Rob Atkinson**  
So, maybe that made some sense.

46:26 - 46:29 **Rob Atkinson**  
There's another example of where we, sort of how we profile things.

46:29 - 46:38 **Rob Atkinson**  
This is one for project to earlier Digital Twins of the Ocean, where we have profiles for we have the ....

46:38 - 46:46 **Rob Atkinson**  
So, I tried to the building block, we have a profile for oceans use in general, where we define the metadata requirements that community requires.

46:46 - 46:59 **Rob Atkinson**  
Then we have a citizen science profile, which will define rules for describing what the project is and who's involved, and then we have individual projects, which describe exactly what is being observed, exact results schema.

46:59 - 47:05 **Rob Atkinson**  
So, we've got some work examples we're currently building up of layered profiles.

47:06 - 47:27 **Rob Atkinson**  
So I think the profiling mechanism, um, this seems to be the really the only option, other than sort of ad hoc profiling, but this is a machine readable profiling approach that we could, we could experiment with that and see if everybody's happy with.

47:28 - 47:40 **Rob Atkinson**  
Um, we could always back it out, but if people wish, I can, I can commit this so create a pull request to commit this to the repository as a sub that can then be fleshed out.

47:42 - 47:47 **Rob Atkinson**  
So I know there's a lot of drinking from the fire hose, but there's a lot of, there's a lot of material in that.

47:48 - 48:03 **Rob Atkinson**  
But, yeah, you know, in a nutshell, we think we can we can do a degree of continuous testing and integration and deployment of examples and documentation and build-up bit by bit.

48:05 - 48:05 **Byron Cochrane (OpenWork)**  
Cool.

48:05 - 48:11 **Byron Cochrane (OpenWork)**  
Yeah, I just created a page and the Wiki on GitHub of opiates links.

48:11 - 48:14 **Byron Cochrane (OpenWork)**  
Start with you can put enabling sitemap there.

48:15 - 48:19 **Byron Cochrane (OpenWork)**  
I also created a page for the agenda for Singapore.

48:20 - 48:21 **Byron Cochrane (OpenWork)**  
Got some stuff in there.

48:21 - 48:28 **Byron Cochrane (OpenWork)**  
I just, We ran a couple of weeks ago, so, and that's for people to add to modify.

48:28 - 48:35 **Byron Cochrane (OpenWork)**  
Particularly if they have something they want to talk to or would like to hear from a particular person that they might have on there.

48:35 - 48:39 **Byron Cochrane (OpenWork)**  
That I think will probably be able to fill our time and quite easily.

48:39 - 48:44 **Byron Cochrane (OpenWork)**  
Just, uh, planning picker's steps and such.

48:46 - 48:47 **Byron Cochrane (OpenWork)**  
Yeah, playgrounds.

48:49 - 48:51 **Rob Atkinson**  
So I guess the question is, is that right now?

48:51 - 48:53 **Rob Atkinson**  
Is there any immediate feedback on?

48:55 - 48:59 **Rob Atkinson**  
There's somebody might be people who need more time to digest and no more iterations.

48:59 - 49:05 **Rob Atkinson**  
There's a lot of material, or maybe I just want to see, start to see it worked.

49:05 - 49:07 **Rob Atkinson**  
Examples Being built up.

49:08 - 49:10 **Rob Atkinson**  
Um, so, yeah.

49:11 - 49:13 **Rob Atkinson**  
Is there any feedback on weather?

49:14 - 49:16 **Rob Atkinson**  
If this is something, we say, No.

49:16 - 49:17 **Rob Atkinson**  
We don't want to go there.

49:17 - 49:24 **Rob Atkinson**  
Or we want to, that we're, we're happy to see how it starts Or we'll think about it.

49:26 - 49:27 **Rob Atkinson**  
What would you like me to do?

49:30 - 49:33 **Christin Henzen**  
I will be interested to see how this works.

49:33 - 49:38 **Christin Henzen**  
So I like the idea and we use similar mechanisms like Shackle and our project.

49:39 - 49:50 **Christin Henzen**  
And I think it would be helpful to, to get this ready to use examples that can be copied to others that can be copied by others for their own purposes and adapted.

49:52 - 49:55 **Christin Henzen**  
I see that there is lots of work to do.

49:57 - 50:09 **Christin Henzen**  
But, if you could help with setting up at least the main structure, and give us some advice, how we can provide our examples, that would be a good chance to learn more about that.

50:12 - 50:14 **Rob Atkinson**  
Ok, I can do that if that's the consensus.

50:18 - 50:18 **Byron Cochrane (OpenWork)**  
Yeah, I'm good with that.

50:23 - 50:25 **Byron Cochrane (OpenWork)**  
So, it's something that we want to go into more in Singapore.

50:28 - 50:29 **Rob Atkinson**  
Well, I guess why.

50:29 - 50:31 **Rob Atkinson**  
If we do that, I could buy C for Singapore.

50:31 - 50:34 **Rob Atkinson**  
I could have the first iteration of the ....

50:38 - 50:40 **Rob Atkinson**  
Specification.

50:42 - 50:48 **Rob Atkinson**  
Example, evaluation, The first, and I guess we could create a stub for ...

50:48 - 50:52 **Rob Atkinson**  
Records implementation as well.

50:53 - 51:12 **Rob Atkinson**  
Um, I'm just wondering about whether, I've got some think you did address how to separate the, when the schemer and the and the pure profile part of it, um, mean, we're sort of set up for the hard problem of mapping schemas to profiles.

51:13 - 51:22 **Rob Atkinson**  
So if we don't want to do the schemas, I need to do a little bit of double checking to make sure that all look everything works without the JSON schema at the starting point.

51:23 - 51:24 **Rob Atkinson**  
Just with Turtle examples.

51:25 - 51:34 **Rob Atkinson**  
But if it doesn't, then we can certainly fixed address that next week, and have a work example, ready for Singapore.

51:37 - 51:38 **Peter Parslow**  
Sad to say.

51:39 - 51:42 **Peter Parslow**  
Big thumbs up for having examples, available, lakes.

51:43 - 51:45 **Peter Parslow**  
People are much more likely to use a standard.

51:45 - 51:49 **Peter Parslow**  
It's a very big thumbs up for having those examples actually validated.

51:49 - 51:52 **Peter Parslow**  
So automating That sounds cool.

51:52 - 51:57 **Peter Parslow**  
So then the bit to get its route is how to go from.

51:57 - 52:06 **Peter Parslow**  
An example created your own favorite JSON RDF Turtle Editor into something that works in this system, so that's, that's the bit raw Protractor.

52:06 - 52:07 **Peter Parslow**  
Walk us through.

52:07 - 52:12 **Peter Parslow**  
As it says, if we've got we've already separate like so backwards compatibility example.

52:12 - 52:21 **Peter Parslow**  
So if we've got, there's just a couple of, existing, kind of, get was known, valid, perhaps yet to be proved ...

52:22 - 52:33 **Peter Parslow**  
Files, then Rob can show how to how those have to be tweaked in order to lead them into this system, so that kidney an example in this OTC.

52:34 - 52:35 **Rob Atkinson**  
Yeah.

52:36 - 52:47 **Rob Atkinson**  
Like loading them up is really as simple as if we have, if we have a test environment, which this one doesn't, anything and tests get run as an example invalidated, and any other thing.

52:47 - 52:58 **Rob Atkinson**  
And then, the examples file here can ref note is basically just a little place where you can provide some documentation about each example and point to a file.

52:58 - 53:06 **Rob Atkinson**  
So, it's as simple as just ..., putting some JSON files into the GitHub repository in the right spot, and it will automatically run through the validation process.

53:07 - 53:15 **Rob Atkinson**  
That's all you have to do, is basically, you've registered the example, if you wanted the documentation, or you drop it into the tests, um, ah.

53:18 - 53:23 **Rob Atkinson**  
If all, if you want it just to be validated, and not included in the documentation.

53:24 - 53:29 **Rob Atkinson**  
So, I'll make sure there's a quick read me Unalaska stuff, when it's set up.

53:29 - 53:31 **Rob Atkinson**  
But it is, should be as simple as that.

53:32 - 53:34 **Rob Atkinson**  
And you can actually run all this stuff locally.

53:34 - 53:43 **Rob Atkinson**  
There's a Docker build, Um, uh, so, if you wish, you can actually, there's instructions for how to run it all on your desktop as well.

53:49 - 53:55 **Byron Cochrane (OpenWork)**  
All right, well, our hour is up, I'm not practice that a little bit.

53:57 - 54:02 **Byron Cochrane (OpenWork)**  
So, anyone have any last comments on anything before we close?

54:05 - 54:07 **Byron Cochrane (OpenWork)**  
Questions or topics that we've missed?

54:11 - 54:22 **Rob Atkinson**  
Do we need a minute, this decision, that we're going to trial a building block structure for the, for the development process then to feel we need a minute that Formerly anywhere.

54:24 - 54:26 **Byron Cochrane (OpenWork)**  
Um, yeah, I'm not quite sure.

54:31 - 54:49 **Peter Parslow**  
So, that's actually a place where I think that's the, the, the wiki and the GitHub repository can contain, if you like, minutes of meetings, but just a decisions login that said So, if somebody, It wasn't in this session, so it says, why are we doing that, But we did discuss it.

54:50 - 54:55 **Peter Parslow**  
Obviously, it doesn't mean Unchallengeable, just because we've discussed this in a great addition to meeting where somebody wasn't.

54:57 - 54:59 **Rob Atkinson**  
Yeah, but I believe we should have a log of decisions, which we.

55:01 - 55:06 **Peter Parslow**  
Have which is sufficient unless there's some form of how would you say formality?

55:07 - 55:15 **Peter Parslow**  
At the point, when this week has to vote to say, whether this is a document go forward, we may need to produce the evidence that there was consensus process involved.

55:15 - 55:17 **Peter Parslow**  
Generally, I haven't seen ...

55:17 - 55:20 **Peter Parslow**  
Get to legalistic about that, in my experience.

55:22 - 55:22 **Peter Parslow**  
Guess.

55:22 - 55:23 **Peter Parslow**  
It depends.

55:23 - 55:23 **Peter Parslow**  
How radical.

55:23 - 55:24 **Peter Parslow**  
The decision is, I suppose.

55:28 - 55:32 **Rob Atkinson**  
Maybe as a, as it emerges, people will get more nuances.

55:32 - 55:33 **Rob Atkinson**  
Now, do we do things this way or that way?

55:33 - 55:37 **Rob Atkinson**  
Right, now, I think it's just, however, this sum.

55:39 - 55:42 **Rob Atkinson**  
The decision to, um.

55:44 - 55:48 **Rob Atkinson**  
I'm a bit sensitive now, as agency staff fight, and I don't want a railroad you into doing something.

55:48 - 56:01 **Rob Atkinson**  
But hopefully this is his usefulness then If you're agree to try it in I think it's worth five minutes saying that it's a non irrevocable decision to give it a go.

56:01 - 56:03 **Rob Atkinson**  
And then, we'll see where we go.

56:04 - 56:04 **Margie Smith (GA)**  
Not.

56:04 - 56:05 **Byron Cochrane (OpenWork)**  
Pronounced open up to try.

56:08 - 56:10 **Peter Parslow**  
Decisions, is that what was that acronym?

56:10 - 56:11 **Peter Parslow**  
Byron introduced, is.

56:14 - 56:15 **Byron Cochrane (OpenWork)**  
Safe enough to try?

56:16 - 56:17 **Margie Smith (GA)**  
Exactly.

56:17 - 56:17 **Margie Smith (GA)**  
Yeah.

56:17 - 56:22 **Peter Parslow**  
Yeah, We don't need to re code all the JSON into some obscure language that Robin invented.

56:22 - 56:25 **Peter Parslow**  
It says, Just upload your JSON example here, and then the.

56:25 - 56:26 **Rob Atkinson**  
Total which.

56:26 - 56:30 **Peter Parslow**  
Which I expected all settled, but it's not that those turtles have to be turned into Markdown or.

56:30 - 56:31 **Margie Smith (GA)**  
Something like.

56:32 - 56:32 **Rob Atkinson**  
That.

56:32 - 56:32 **Peter Parslow**  
Sort of thing.

56:34 - 56:34 **Peter Parslow**  
Which I.

56:36 - 56:39 **Byron Cochrane (OpenWork)**  
Just created a page of Decision launce very formal along the way.

56:39 - 56:49 **Byron Cochrane (OpenWork)**  
It's just a note about the building blocks approach to create a wrap of progressive building products approach down, demonstrate and discuss what's important.

56:50 - 56:53 **Rob Atkinson**  
Find the borrower, and I think you need to make me.

56:53 - 56:56 **Rob Atkinson**  
It'll give me contribute access to be able to.

56:57 - 57:04 **Rob Atkinson**  
I install this otherwise I will be happy to create pull requests for every single thing as I build and test it and that'll be applying for everybody.

57:05 - 57:05 **Byron Cochrane (OpenWork)**  
Ok?

57:06 - 57:07 **Byron Cochrane (OpenWork)**  
All right.

57:07 - 57:20 **Byron Cochrane (OpenWork)**  
I'll have like myself a task for that picture what permissions I have here I should Hmm, yeah, send me an e-mail on that so I can kind of follow it up, OK?

57:24 - 57:24 **Rob Atkinson**  
Ok.

57:28 - 57:36 **Byron Cochrane (OpenWork)**  
Ok All right, well, Thank you everyone, have a good day, evening night, Whichever it is.

57:38 - 57:40 **Byron Cochrane (OpenWork)**  
See, many of you in Singapore.

57:43 - 57:43 **Byron Cochrane (OpenWork)**  
Thank.

57:44 - 57:44 **Rob Atkinson**  
You.

57:45 - 57:45 **Antje Kügeler - con terra GmbH**  
All right.

57:49 - 57:49 **Christin Henzen**  
Hi.

57:50 - 57:50 **Fabio Vinci (Epsilon Italia)**  
Right.