WEBVTT

306da4a8-d55d-4205-b571-91c892cf2a12/346-0

00:00:04.364 --> 00:00:04.824

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/358-0

00:00:05.474 --> 00:00:11.944

Well, at least for me it's done

and the anyhow.

306da4a8-d55d-4205-b571-91c892cf2a12/368-0

00:00:11.954 --> 00:00:16.694

So if well, I suppose that you

more or less remember the.

306da4a8-d55d-4205-b571-91c892cf2a12/372-0

00:00:17.414 --> 00:00:18.784

Uh, what?

306da4a8-d55d-4205-b571-91c892cf2a12/382-0

00:00:18.794 --> 00:00:23.004

We spoke about few, umm, weeks

ago.

306da4a8-d55d-4205-b571-91c892cf2a12/384-0

00:00:23.864 --> 00:00:24.054

Yep.

306da4a8-d55d-4205-b571-91c892cf2a12/387-0

00:00:24.994 --> 00:00:27.234

So and.

306da4a8-d55d-4205-b571-91c892cf2a12/408-0

00:00:30.344 --> 00:00:34.710

The so basically today what we

wanted you what we wanted to

306da4a8-d55d-4205-b571-91c892cf2a12/408-1

00:00:34.710 --> 00:00:35.074

show.

306da4a8-d55d-4205-b571-91c892cf2a12/420-0

00:00:35.594 --> 00:00:42.204

I was just that and need to open

the the lights here was.

306da4a8-d55d-4205-b571-91c892cf2a12/440-0

00:00:43.004 --> 00:00:47.865

Yeah, we have some videos and

showcasing the like the the the

306da4a8-d55d-4205-b571-91c892cf2a12/440-1

00:00:47.865 --> 00:00:50.374

workflow of of the tool and the.

306da4a8-d55d-4205-b571-91c892cf2a12/451-0

00:00:53.994 --> 00:00:57.244

We would like, yeah, to show it

to you.

306da4a8-d55d-4205-b571-91c892cf2a12/458-0

00:00:57.254 --> 00:01:00.134

And so we could collect some

some feedback.

306da4a8-d55d-4205-b571-91c892cf2a12/466-0

00:01:04.554 --> 00:01:06.644

And then of course, we will

explain.

306da4a8-d55d-4205-b571-91c892cf2a12/480-0

00:01:09.814 --> 00:01:13.644

Let's see if I can light show

now.

306da4a8-d55d-4205-b571-91c892cf2a12/490-0

00:01:13.654 --> 00:01:17.714

You should see it like, uh, full

screen like this and then.

306da4a8-d55d-4205-b571-91c892cf2a12/529-0

00:01:21.734 --> 00:01:27.334

So in this video that is playing

over here, Now what you can see

306da4a8-d55d-4205-b571-91c892cf2a12/529-1

00:01:27.334 --> 00:01:32.589

is that OK, first of all is you

can see the more or less the

306da4a8-d55d-4205-b571-91c892cf2a12/529-2

00:01:32.589 --> 00:01:34.484

front end of the tool.

306da4a8-d55d-4205-b571-91c892cf2a12/539-0

00:01:34.494 --> 00:01:36.904

But now I post it as a second

here.

306da4a8-d55d-4205-b571-91c892cf2a12/554-0

00:01:36.914 --> 00:01:41.374

On the left you can see this

sort of repository of different.

306da4a8-d55d-4205-b571-91c892cf2a12/559-0

00:01:42.454 --> 00:01:44.224

In this case, there are styles.

306da4a8-d55d-4205-b571-91c892cf2a12/579-0

00:01:44.234 --> 00:01:47.413

This is a published subscribe

style and then we have a

306da4a8-d55d-4205-b571-91c892cf2a12/579-1

00:01:47.413 --> 00:01:49.204

reference architecture for IoT.

306da4a8-d55d-4205-b571-91c892cf2a12/608-0

00:01:49.214 --> 00:01:53.813

But we are envisioning here that

you can have variable seed or

306da4a8-d55d-4205-b571-91c892cf2a12/608-1

00:01:53.813 --> 00:01:58.484

you of all different yeah styles

and architectures that you may

306da4a8-d55d-4205-b571-91c892cf2a12/608-2

00:01:58.484 --> 00:02:00.674

create or like take elsewhere.

306da4a8-d55d-4205-b571-91c892cf2a12/636-0

00:02:01.794 --> 00:02:06.237

And then once you select the

let's say the the style or the

306da4a8-d55d-4205-b571-91c892cf2a12/636-1

00:02:06.237 --> 00:02:10.754

reference architecture, you

wanna start to take into account

306da4a8-d55d-4205-b571-91c892cf2a12/636-2

00:02:10.754 --> 00:02:13.494

for defining your next

architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/638-0

00:02:14.624 --> 00:02:15.424

Oops, sorry.

306da4a8-d55d-4205-b571-91c892cf2a12/662-0

00:02:17.354 --> 00:02:23.084

Then the DSA will be show uh in

this first uh panel on uh called

306da4a8-d55d-4205-b571-91c892cf2a12/662-1

00:02:23.084 --> 00:02:25.904

selected reference architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/695-0

00:02:26.114 --> 00:02:30.845

So here you will see this the

the the basically the component

306da4a8-d55d-4205-b571-91c892cf2a12/695-1

00:02:30.845 --> 00:02:35.652

and connectors view of the of

the style or of of the reference

306da4a8-d55d-4205-b571-91c892cf2a12/695-2

00:02:35.652 --> 00:02:36.644

architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/698-0

00:02:36.654 --> 00:02:36.924

OK.

306da4a8-d55d-4205-b571-91c892cf2a12/711-0

00:02:38.444 --> 00:02:41.902

Then on the second panel that is

called the composure

306da4a8-d55d-4205-b571-91c892cf2a12/711-1

00:02:41.902 --> 00:02:42.734

architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/713-0

00:02:43.104 --> 00:02:43.974

Uh.

306da4a8-d55d-4205-b571-91c892cf2a12/721-0

00:02:44.024 --> 00:02:47.514

Here you can textually define

your.

306da4a8-d55d-4205-b571-91c892cf2a12/796-0

00:02:48.224 --> 00:02:53.129

Yeah, your software architecture

or reference architecture, if

306da4a8-d55d-4205-b571-91c892cf2a12/796-1

00:02:53.129 --> 00:02:58.267

you choose a style and basically

what you do as we mentioned some

306da4a8-d55d-4205-b571-91c892cf2a12/796-2

00:02:58.267 --> 00:03:03.249

in the in the previous meeting

or that we were envisioning, you

306da4a8-d55d-4205-b571-91c892cf2a12/796-3

00:03:03.249 --> 00:03:07.609

basically define textually the

the the elements of your

306da4a8-d55d-4205-b571-91c892cf2a12/796-4

00:03:07.609 --> 00:03:12.591

architecture and then you type

this element with respect to the

306da4a8-d55d-4205-b571-91c892cf2a12/796-5

00:03:12.591 --> 00:03:17.184

the element of the style or of

the reference architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/820-0

00:03:17.854 --> 00:03:24.114

So if we let the video go a

little bit further, uh.

306da4a8-d55d-4205-b571-91c892cf2a12/841-0

00:03:23.864 --> 00:03:28.444

But they don't see the the yeah,

no.

306da4a8-d55d-4205-b571-91c892cf2a12/850-0

00:03:25.014 --> 00:03:30.209

I I I I I think the video is not

the screen I I see at the moment

306da4a8-d55d-4205-b571-91c892cf2a12/843-0

00:03:29.364 --> 00:03:29.574

Uh-huh.

306da4a8-d55d-4205-b571-91c892cf2a12/850-1

00:03:30.209 --> 00:03:30.524

the.

306da4a8-d55d-4205-b571-91c892cf2a12/863-0

00:03:31.874 --> 00:03:34.624

Is it freeze? Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/858-0

00:03:33.094 --> 00:03:33.324

Yep.

306da4a8-d55d-4205-b571-91c892cf2a12/859-0

00:03:33.164 --> 00:03:34.024

He's frozen.

306da4a8-d55d-4205-b571-91c892cf2a12/864-0

00:03:34.034 --> 00:03:35.814

OK, I don't know.

306da4a8-d55d-4205-b571-91c892cf2a12/874-0

00:03:41.414 --> 00:03:42.134

Does it work now?

306da4a8-d55d-4205-b571-91c892cf2a12/888-0

00:03:44.604 --> 00:03:45.414

Can you see anything?

306da4a8-d55d-4205-b571-91c892cf2a12/891-0

00:03:45.944 --> 00:03:47.194

No, I can't see anything now.

306da4a8-d55d-4205-b571-91c892cf2a12/889-0

00:03:46.694 --> 00:03:46.904

You know.

306da4a8-d55d-4205-b571-91c892cf2a12/893-0

00:03:48.484 --> 00:03:49.604

Ah, did you?

306da4a8-d55d-4205-b571-91c892cf2a12/912-0

00:03:53.094 --> 00:03:58.864

Umm, let's try with another

option now.

306da4a8-d55d-4205-b571-91c892cf2a12/911-0

00:03:57.664 --> 00:03:59.844

OK, OK now it works.

306da4a8-d55d-4205-b571-91c892cf2a12/915-0

00:04:00.434 --> 00:04:02.404

OK, OK.

306da4a8-d55d-4205-b571-91c892cf2a12/936-0

00:04:02.884 --> 00:04:06.872

So and everything that I said

until now, it was like this is

306da4a8-d55d-4205-b571-91c892cf2a12/936-1

00:04:06.872 --> 00:04:08.114

the the repository.

306da4a8-d55d-4205-b571-91c892cf2a12/948-0

00:04:09.294 --> 00:04:14.365

This is the let's say the

component and connector view of

306da4a8-d55d-4205-b571-91c892cf2a12/948-1

00:04:14.365 --> 00:04:14.714

the.

306da4a8-d55d-4205-b571-91c892cf2a12/970-0

00:04:15.344 --> 00:04:19.062

And style or reference

architecture that you select and

306da4a8-d55d-4205-b571-91c892cf2a12/970-1

00:04:19.062 --> 00:04:22.714

here is where you compose your

architecture textually.

306da4a8-d55d-4205-b571-91c892cf2a12/995-0

00:04:22.904 --> 00:04:26.377

So basically when you start to

compose your architecture

306da4a8-d55d-4205-b571-91c892cf2a12/995-1

00:04:26.377 --> 00:04:30.155

textually, you, as I said, you

define a component and you say

306da4a8-d55d-4205-b571-91c892cf2a12/995-2

00:04:30.155 --> 00:04:30.764

which the.

306da4a8-d55d-4205-b571-91c892cf2a12/1023-0

00:04:32.114 --> 00:04:37.708

Let's see which type of the

style or reference architecture

306da4a8-d55d-4205-b571-91c892cf2a12/1023-1

00:04:37.708 --> 00:04:43.676

this component should be typed

to in a way, and what you define

306da4a8-d55d-4205-b571-91c892cf2a12/1023-2

00:04:43.676 --> 00:04:45.074

textually here.

306da4a8-d55d-4205-b571-91c892cf2a12/1036-0

00:04:45.834 --> 00:04:51.424

Uh is shown graphically here in

the component diagram view.

306da4a8-d55d-4205-b571-91c892cf2a12/1053-0

00:05:00.164 --> 00:05:04.421

And yeah, so yeah, basically you

can define the component then

306da4a8-d55d-4205-b571-91c892cf2a12/1053-1

00:05:04.421 --> 00:05:05.434

the connectors.

306da4a8-d55d-4205-b571-91c892cf2a12/1079-0

00:05:31.534 --> 00:05:34.614

So now this is let's say a

trivial example.

306da4a8-d55d-4205-b571-91c892cf2a12/1127-0

00:05:35.894 --> 00:05:42.252

Of course, just for the sake of

the discussion and what you what

306da4a8-d55d-4205-b571-91c892cf2a12/1127-1

00:05:42.252 --> 00:05:47.827

we were showing before is that

basically when we put the

306da4a8-d55d-4205-b571-91c892cf2a12/1127-2

00:05:47.827 --> 00:05:54.184

component B1, we didn't type it

to any, let's say element of the

306da4a8-d55d-4205-b571-91c892cf2a12/1127-3

00:05:54.184 --> 00:05:58.194

selected and and reference

architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/1137-0

00:05:58.344 --> 00:06:01.634

But when we did that, basically

we reached the.

306da4a8-d55d-4205-b571-91c892cf2a12/1139-0

00:06:01.644 --> 00:06:01.884

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/1159-0

00:06:01.894 --> 00:06:05.752

Yeah, you can also see that the

the compliance, the conformance

306da4a8-d55d-4205-b571-91c892cf2a12/1159-1

00:06:05.752 --> 00:06:08.404

view, sorry is updated and it

became green.

306da4a8-d55d-4205-b571-91c892cf2a12/1166-0

00:06:10.734 --> 00:06:12.224

Uh, now, yeah, we are.

306da4a8-d55d-4205-b571-91c892cf2a12/1171-0

00:06:12.234 --> 00:06:15.154

Uh, adding another component?

306da4a8-d55d-4205-b571-91c892cf2a12/1230-0

00:06:38.804 --> 00:06:45.466

And now here you can see that

basically because we, uh, define

306da4a8-d55d-4205-b571-91c892cf2a12/1230-1

00:06:45.466 --> 00:06:52.023

a connector that not a not in

accordance to let's say the the

306da4a8-d55d-4205-b571-91c892cf2a12/1230-2

00:06:52.023 --> 00:06:57.839

the selected reference

architecture we are getting the

306da4a8-d55d-4205-b571-91c892cf2a12/1230-3

00:06:57.839 --> 00:07:03.444

uh some violations here in in

the in the console uh.

306da4a8-d55d-4205-b571-91c892cf2a12/1279-0

00:07:03.454 --> 00:07:08.822

And also we you you have like uh

the conformance view that show

306da4a8-d55d-4205-b571-91c892cf2a12/1279-1

00:07:08.822 --> 00:07:13.436

you basically the the the

problems also so you can see

306da4a8-d55d-4205-b571-91c892cf2a12/1279-2

00:07:13.436 --> 00:07:18.133

that the the the area here in

the in the other chart or

306da4a8-d55d-4205-b571-91c892cf2a12/1279-3

00:07:18.133 --> 00:07:22.494

whatever it's called the speller

chart is not that.

306da4a8-d55d-4205-b571-91c892cf2a12/1285-0

00:07:24.184 --> 00:07:24.734

Green.

306da4a8-d55d-4205-b571-91c892cf2a12/1314-0

00:07:25.204 --> 00:07:29.658

But it's red because there are

some some problems and also the

306da4a8-d55d-4205-b571-91c892cf2a12/1314-1

00:07:29.658 --> 00:07:33.829

violation that you exactly which

are the let's say the the

306da4a8-d55d-4205-b571-91c892cf2a12/1314-2

00:07:33.829 --> 00:07:35.384

problems in this case.

306da4a8-d55d-4205-b571-91c892cf2a12/1369-0

00:07:38.114 --> 00:07:44.319

And just to, for the sake of uh,

yeah, uh, discussion, of course,

306da4a8-d55d-4205-b571-91c892cf2a12/1369-1

00:07:44.319 --> 00:07:50.147

now that you once you you let's

say umm fix uh these uh these

306da4a8-d55d-4205-b571-91c892cf2a12/1369-2

00:07:50.147 --> 00:07:55.788

problems or issues the the

violation disappear and then you

306da4a8-d55d-4205-b571-91c892cf2a12/1369-3

00:07:55.788 --> 00:08:00.394

get the green chart very here

and in this other.

306da4a8-d55d-4205-b571-91c892cf2a12/1392-0

00:08:01.184 --> 00:08:06.515

Uh, in this other, let's say,

and we know over here you could

306da4a8-d55d-4205-b571-91c892cf2a12/1392-1

00:08:06.515 --> 00:08:09.094

define additional constraints.

306da4a8-d55d-4205-b571-91c892cf2a12/1398-0

00:08:09.954 --> 00:08:11.824

Uh, that uh.

306da4a8-d55d-4205-b571-91c892cf2a12/1426-0

00:08:12.824 --> 00:08:17.117

Additional constraints on the,

let's say selected reference or

306da4a8-d55d-4205-b571-91c892cf2a12/1426-1

00:08:17.117 --> 00:08:21.409

architectural style that will be

evaluated on the architecture

306da4a8-d55d-4205-b571-91c892cf2a12/1426-2

00:08:21.409 --> 00:08:23.794

that you are composing at

runtime.

306da4a8-d55d-4205-b571-91c892cf2a12/1470-0

00:08:23.854 --> 00:08:28.246

So you can basically we thought

that in general you may want to

306da4a8-d55d-4205-b571-91c892cf2a12/1470-1

00:08:28.246 --> 00:08:32.364

start with like a reference

architecture or that style, but

306da4a8-d55d-4205-b571-91c892cf2a12/1470-2

00:08:32.364 --> 00:08:36.550

you will want to you may want to

constrain it even more with

306da4a8-d55d-4205-b571-91c892cf2a12/1470-3

00:08:36.550 --> 00:08:37.854

custom constraints.

306da4a8-d55d-4205-b571-91c892cf2a12/1487-0

00:08:40.014 --> 00:08:44.684

Uh, so this is the first, let's

say, yeah, you scale video or.

306da4a8-d55d-4205-b571-91c892cf2a12/1492-0

00:08:44.004 --> 00:08:44.144

And.

306da4a8-d55d-4205-b571-91c892cf2a12/1496-0

00:08:44.694 --> 00:08:46.934

Yeah, use cases use case and.

306da4a8-d55d-4205-b571-91c892cf2a12/1507-0

00:08:50.914 --> 00:08:51.434

We can.

306da4a8-d55d-4205-b571-91c892cf2a12/1509-0

00:08:51.114 --> 00:08:52.944

So, so so test to ask.

306da4a8-d55d-4205-b571-91c892cf2a12/1570-0

00:08:52.954 --> 00:08:56.785

So that the additional

constraint could be that given

306da4a8-d55d-4205-b571-91c892cf2a12/1570-1

00:08:56.785 --> 00:09:00.828

the case that there is a

reference architecture as it is

306da4a8-d55d-4205-b571-91c892cf2a12/1543-0

00:09:00.364 --> 00:09:00.584

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/1570-2

00:09:00.828 --> 00:09:05.226

now, but in your case you allow

only eight to be connected to

306da4a8-d55d-4205-b571-91c892cf2a12/1570-3

00:09:05.226 --> 00:09:09.269

either B or C, would that be

kind of specific constraint

306da4a8-d55d-4205-b571-91c892cf2a12/1560-0

00:09:06.414 --> 00:09:06.684

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/1570-4

00:09:09.269 --> 00:09:09.624

then?

306da4a8-d55d-4205-b571-91c892cf2a12/1582-0

00:09:10.604 --> 00:09:14.494

Yeah, you can specify any logic,

any constraint that you want.

306da4a8-d55d-4205-b571-91c892cf2a12/1585-0

00:09:14.504 --> 00:09:16.744

Basically, uh.

306da4a8-d55d-4205-b571-91c892cf2a12/1590-0

00:09:15.324 --> 00:09:15.844

OK. Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/1613-0

00:09:16.754 --> 00:09:20.743

The on on, on communication, on

element, on properties on

306da4a8-d55d-4205-b571-91c892cf2a12/1613-1

00:09:20.743 --> 00:09:22.944

whatever kind of, uh, of course.

306da4a8-d55d-4205-b571-91c892cf2a12/1617-0

00:09:22.224 --> 00:09:22.584

Umm.

306da4a8-d55d-4205-b571-91c892cf2a12/1624-0

00:09:22.954 --> 00:09:25.164

In this case, the I think the

the the.

306da4a8-d55d-4205-b571-91c892cf2a12/1648-0

00:09:25.474 --> 00:09:28.659

Yeah, the The thing is you will

still need to specify the

306da4a8-d55d-4205-b571-91c892cf2a12/1648-1

00:09:28.659 --> 00:09:31.624

constraints on the on the model

that you have in the.

306da4a8-d55d-4205-b571-91c892cf2a12/1652-0

00:09:32.014 --> 00:09:32.264

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/1658-0

00:09:32.274 --> 00:09:33.784

On the left, left and part.

306da4a8-d55d-4205-b571-91c892cf2a12/1676-0

00:09:33.794 --> 00:09:41.434

So yeah, but in theory you can

specify any kind of any kind of

306da4a8-d55d-4205-b571-91c892cf2a12/1676-1

00:09:41.434 --> 00:09:43.374

and constrained.

306da4a8-d55d-4205-b571-91c892cf2a12/1726-0

00:09:43.854 --> 00:09:48.283

So one thing that like a

special, let's say, gaze that we

306da4a8-d55d-4205-b571-91c892cf2a12/1726-1

00:09:48.283 --> 00:09:53.017

wanted to also do to showcase to

you is that what we call the

306da4a8-d55d-4205-b571-91c892cf2a12/1726-2

00:09:53.017 --> 00:09:57.675

partial compliance checking and

now I don't remember, let me

306da4a8-d55d-4205-b571-91c892cf2a12/1726-3

00:09:57.675 --> 00:10:01.034

just quickly check if we have

uh, yeah. OK.

306da4a8-d55d-4205-b571-91c892cf2a12/1731-0

00:10:01.104 --> 00:10:03.584

So yeah, basically.

306da4a8-d55d-4205-b571-91c892cf2a12/1733-0

00:10:03.864 --> 00:10:04.734

Umm.

306da4a8-d55d-4205-b571-91c892cf2a12/1736-0

00:10:05.184 --> 00:10:06.014

Let's see.

306da4a8-d55d-4205-b571-91c892cf2a12/1764-0

00:10:06.444 --> 00:10:11.204

So the idea here is that because

this, as we said in the first

306da4a8-d55d-4205-b571-91c892cf2a12/1764-1

00:10:11.204 --> 00:10:15.812

meeting, we envision this to be

part of a continuous process

306da4a8-d55d-4205-b571-91c892cf2a12/1764-2

00:10:15.812 --> 00:10:16.114

now.

306da4a8-d55d-4205-b571-91c892cf2a12/1785-0

00:10:16.124 --> 00:10:20.728

So where you can modify or

evolve rather the architectures

306da4a8-d55d-4205-b571-91c892cf2a12/1785-1

00:10:20.728 --> 00:10:22.834

as you work on them, right?

306da4a8-d55d-4205-b571-91c892cf2a12/1822-0

00:10:23.024 --> 00:10:27.996

So for us it was important that

you could do basically shooting

306da4a8-d55d-4205-b571-91c892cf2a12/1822-1

00:10:27.996 --> 00:10:32.346

first of all that you could only

specify only check the

306da4a8-d55d-4205-b571-91c892cf2a12/1822-2

00:10:32.346 --> 00:10:35.764

conformance of as lies of the

architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/1832-0

00:10:35.774 --> 00:10:38.614

That is the slide of the

architecture that you are, uh.

306da4a8-d55d-4205-b571-91c892cf2a12/1843-0

00:10:41.044 --> 00:10:44.754

Editing at this moment at a

given moment.

306da4a8-d55d-4205-b571-91c892cf2a12/1875-0

00:10:44.764 --> 00:10:49.173

Sorry and this of course is in a

way achieved by construction as

306da4a8-d55d-4205-b571-91c892cf2a12/1875-1

00:10:49.173 --> 00:10:53.174

you saw before, because each

time you put an element here.

306da4a8-d55d-4205-b571-91c892cf2a12/1895-0

00:10:53.814 --> 00:10:59.636

Uh, you introduce an element in

the in the text file editor and

306da4a8-d55d-4205-b571-91c892cf2a12/1895-1

00:10:59.636 --> 00:11:00.364

save it.

306da4a8-d55d-4205-b571-91c892cf2a12/1914-0

00:11:00.374 --> 00:11:03.695

Then you have the conformance

that is checked only on the

306da4a8-d55d-4205-b571-91c892cf2a12/1914-1

00:11:03.695 --> 00:11:05.184

element that is specified.

306da4a8-d55d-4205-b571-91c892cf2a12/1925-0

00:11:05.194 --> 00:11:07.186

So on the portion of the

architecture that you are

306da4a8-d55d-4205-b571-91c892cf2a12/1925-1

00:11:07.186 --> 00:11:07.654

considering.

306da4a8-d55d-4205-b571-91c892cf2a12/1947-0

00:11:09.664 --> 00:11:16.893

Uh, but also another, let's say

uh case is when you want to UH-1

306da4a8-d55d-4205-b571-91c892cf2a12/1947-1

00:11:16.893 --> 00:11:18.784

when you want to.

306da4a8-d55d-4205-b571-91c892cf2a12/1949-0

00:11:19.124 --> 00:11:19.434

Uh.

306da4a8-d55d-4205-b571-91c892cf2a12/1989-0

00:11:19.444 --> 00:11:25.141

Basically, specify or you want

to check the conformance of your

306da4a8-d55d-4205-b571-91c892cf2a12/1989-1

00:11:25.141 --> 00:11:30.215

architecture only to a given

part of a of the, let's say

306da4a8-d55d-4205-b571-91c892cf2a12/1989-2

00:11:30.215 --> 00:11:32.974

reference architecture, not so.

306da4a8-d55d-4205-b571-91c892cf2a12/1997-0

00:11:32.984 --> 00:11:34.074

And how do you do that?

306da4a8-d55d-4205-b571-91c892cf2a12/2013-0

00:11:34.084 --> 00:11:38.166

Simply, when you're when you

define your architecture, you're

306da4a8-d55d-4205-b571-91c892cf2a12/2013-1

00:11:38.166 --> 00:11:39.614

in the textual editor.

306da4a8-d55d-4205-b571-91c892cf2a12/2029-0

00:11:39.744 --> 00:11:44.216

If you don't, if you do not map,

basically if you do not

306da4a8-d55d-4205-b571-91c892cf2a12/2029-1

00:11:44.216 --> 00:11:45.314

implement the.

306da4a8-d55d-4205-b571-91c892cf2a12/2072-0

00:11:46.024 --> 00:11:49.880

If you do not implement uh, the

types of your reference

306da4a8-d55d-4205-b571-91c892cf2a12/2072-1

00:11:49.880 --> 00:11:53.668

architecture, then the

validation script will not take

306da4a8-d55d-4205-b571-91c892cf2a12/2072-2

00:11:53.668 --> 00:11:57.868

those element of the reference

architecture into account and

306da4a8-d55d-4205-b571-91c892cf2a12/2061-0

00:11:57.234 --> 00:11:57.464

Umm.

306da4a8-d55d-4205-b571-91c892cf2a12/2072-3

00:11:57.868 --> 00:12:01.725

will not basically produce

violation for that for those

306da4a8-d55d-4205-b571-91c892cf2a12/2072-4

00:12:01.725 --> 00:12:02.964

specific elements.

306da4a8-d55d-4205-b571-91c892cf2a12/2087-0

00:12:03.154 --> 00:12:04.474

I don't know if I was clear.

306da4a8-d55d-4205-b571-91c892cf2a12/2101-0

00:12:05.064 --> 00:12:08.206

So you mean that if you don't

say that it implements B, it

306da4a8-d55d-4205-b571-91c892cf2a12/2101-1

00:12:08.206 --> 00:12:09.644

doesn't recognize the bees?

306da4a8-d55d-4205-b571-91c892cf2a12/2108-0

00:12:10.484 --> 00:12:13.134

Is essentially exactly.

306da4a8-d55d-4205-b571-91c892cf2a12/2107-0

00:12:11.434 --> 00:12:11.574

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2112-0

00:12:12.844 --> 00:12:12.974

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2148-0

00:12:13.184 --> 00:12:18.810

If you don't specify that it

implements B, maybe you may have

306da4a8-d55d-4205-b571-91c892cf2a12/2148-1

00:12:18.810 --> 00:12:24.163

a violation on on on B1 caused

by B1, but because it's not

306da4a8-d55d-4205-b571-91c892cf2a12/2148-2

00:12:24.163 --> 00:12:26.794

specified, then you want you.

306da4a8-d55d-4205-b571-91c892cf2a12/2192-0

00:12:25.394 --> 00:12:25.624

Umm.

306da4a8-d55d-4205-b571-91c892cf2a12/2153-0

00:12:26.804 --> 00:12:28.514

You will not verify that part.

306da4a8-d55d-4205-b571-91c892cf2a12/2166-0

00:12:29.154 --> 00:12:31.804

Let's suppose that for some

reason you won't do all this.

306da4a8-d55d-4205-b571-91c892cf2a12/2188-0

00:12:31.814 --> 00:12:34.886

Specify the you want to check

the conformance of your

306da4a8-d55d-4205-b571-91c892cf2a12/2188-1

00:12:34.886 --> 00:12:38.014

architecture only on this

portion of the architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/2203-0

00:12:38.024 --> 00:12:41.464

Let's say A and C that's like

the idea.

306da4a8-d55d-4205-b571-91c892cf2a12/2201-0

00:12:39.834 --> 00:12:40.034

Yep.

306da4a8-d55d-4205-b571-91c892cf2a12/2216-0

00:12:41.554 --> 00:12:45.714

And of course, in this trivial

example, ah, I don't understand

306da4a8-d55d-4205-b571-91c892cf2a12/2216-1

00:12:45.714 --> 00:12:46.044

this.

306da4a8-d55d-4205-b571-91c892cf2a12/2231-0

00:12:46.094 --> 00:12:50.514

Uh command of the in this

specific example, it doesn't.

306da4a8-d55d-4205-b571-91c892cf2a12/2240-0

00:12:50.724 --> 00:12:53.474

It's trivial, so probably yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2287-0

00:12:53.484 --> 00:12:57.685

It doesn't make much sense, but

the idea is that when you have a

306da4a8-d55d-4205-b571-91c892cf2a12/2287-1

00:12:57.685 --> 00:13:01.433

big reference architecture

style, maybe you don't want to

306da4a8-d55d-4205-b571-91c892cf2a12/2272-0

00:13:00.414 --> 00:13:00.634

Sure.

306da4a8-d55d-4205-b571-91c892cf2a12/2287-2

00:13:01.433 --> 00:13:05.569

check the yeah and and and again

this force into the force into

306da4a8-d55d-4205-b571-91c892cf2a12/2287-3

00:13:05.569 --> 00:13:07.314

the idea of the continuous.

306da4a8-d55d-4205-b571-91c892cf2a12/2293-0

00:13:07.884 --> 00:13:10.794

Let's say nature of the process

now.

306da4a8-d55d-4205-b571-91c892cf2a12/2298-0

00:13:11.534 --> 00:13:11.744

Umm.

306da4a8-d55d-4205-b571-91c892cf2a12/2300-0

00:13:12.964 --> 00:13:14.074

Uh, yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2316-0

00:13:14.084 --> 00:13:17.448

So this is uh, this is showing

what I just told you by by

306da4a8-d55d-4205-b571-91c892cf2a12/2316-1

00:13:17.448 --> 00:13:18.434

words, of course.

306da4a8-d55d-4205-b571-91c892cf2a12/2333-0

00:13:18.444 --> 00:13:22.554

Uh, if I'm forgetting something,

I'm like, yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2330-0

00:13:21.284 --> 00:13:22.274

Yeah, yeah, yeah, of course.

306da4a8-d55d-4205-b571-91c892cf2a12/2354-0

00:13:22.284 --> 00:13:22.554

Of course.

306da4a8-d55d-4205-b571-91c892cf2a12/2342-0

00:13:24.574 --> 00:13:28.284

And the yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2375-0

00:13:28.294 --> 00:13:32.979

So now that implement basically

what you just saw here is that

306da4a8-d55d-4205-b571-91c892cf2a12/2375-1

00:13:32.979 --> 00:13:37.366

on before specifying that C1

implemented the CE, we didn't

306da4a8-d55d-4205-b571-91c892cf2a12/2375-2

00:13:37.366 --> 00:13:38.704

get any violation.

306da4a8-d55d-4205-b571-91c892cf2a12/2401-0

00:13:38.714 --> 00:13:43.064

But when we specified that C1

implements C, then we get the

306da4a8-d55d-4205-b571-91c892cf2a12/2401-1

00:13:43.064 --> 00:13:47.559

violation because yeah, there is

no direct connection between

306da4a8-d55d-4205-b571-91c892cf2a12/2401-2

00:13:47.559 --> 00:13:48.864

B&amp;C basically.

306da4a8-d55d-4205-b571-91c892cf2a12/2407-0

00:13:51.444 --> 00:13:54.974

And and yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2456-0

00:13:54.984 --> 00:13:59.730

Yes, you again you you have

this, this this script for the

306da4a8-d55d-4205-b571-91c892cf2a12/2456-1

00:13:59.730 --> 00:14:04.958

the constraints and the uh, here

you have this, this constrained

306da4a8-d55d-4205-b571-91c892cf2a12/2456-2

00:14:04.958 --> 00:14:09.543

uh that we specify that

architectural model must include

306da4a8-d55d-4205-b571-91c892cf2a12/2456-3

00:14:09.543 --> 00:14:13.564

a component maybe you cannot see

actually called.

306da4a8-d55d-4205-b571-91c892cf2a12/2460-0

00:14:14.214 --> 00:14:15.334

Yeah, I can tell you.

306da4a8-d55d-4205-b571-91c892cf2a12/2510-0

00:14:19.614 --> 00:14:24.521

If it's, it's not captured at

for on the from the screen

306da4a8-d55d-4205-b571-91c892cf2a12/2510-1

00:14:24.521 --> 00:14:28.825

recording and yeah, we we

introduce this the this

306da4a8-d55d-4205-b571-91c892cf2a12/2510-2

00:14:28.825 --> 00:14:34.077

constraint on the, let's say

naming of the the component the

306da4a8-d55d-4205-b571-91c892cf2a12/2510-3

00:14:34.077 --> 00:14:39.414

one just to to to provide to

provide the like for an example.

306da4a8-d55d-4205-b571-91c892cf2a12/2537-0

00:14:41.694 --> 00:14:47.150

And of course, if you have a

common and then question, you

306da4a8-d55d-4205-b571-91c892cf2a12/2537-1

00:14:47.150 --> 00:14:49.184

can like the go ahead.

306da4a8-d55d-4205-b571-91c892cf2a12/2532-0

00:14:47.544 --> 00:14:47.844

Umm.

306da4a8-d55d-4205-b571-91c892cf2a12/2550-0

00:14:50.044 --> 00:14:53.054

Yeah, one one question is on the

scalability.

306da4a8-d55d-4205-b571-91c892cf2a12/2640-0

00:14:53.524 --> 00:14:58.646

So I so I understand that it

makes sense to to limit how much

306da4a8-d55d-4205-b571-91c892cf2a12/2552-0

00:14:53.564 --> 00:14:53.764

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2640-1

00:14:58.646 --> 00:15:03.933

you want to check if you have a

lot of instances to which rules

306da4a8-d55d-4205-b571-91c892cf2a12/2583-0

00:15:03.564 --> 00:15:03.724

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2640-2

00:15:03.933 --> 00:15:09.137

but but also quite often these

kind of component languages are

306da4a8-d55d-4205-b571-91c892cf2a12/2640-3

00:15:09.137 --> 00:15:13.681

are hierarchical by nature, so

there could be a deeper

306da4a8-d55d-4205-b571-91c892cf2a12/2605-0

00:15:11.264 --> 00:15:11.504

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/2640-4

00:15:13.681 --> 00:15:18.802

structure in A and something

might be wrong in a in a sub sub

306da4a8-d55d-4205-b571-91c892cf2a12/2640-5

00:15:18.802 --> 00:15:23.759

level of A and then the cramps

the question that should you

306da4a8-d55d-4205-b571-91c892cf2a12/2640-6

00:15:23.759 --> 00:15:25.824

know it about this level.

306da4a8-d55d-4205-b571-91c892cf2a12/2642-0

00:15:26.474 --> 00:15:27.584

Yeah. And this?

306da4a8-d55d-4205-b571-91c892cf2a12/2663-0

00:15:27.594 --> 00:15:33.174

Uh, so because you touched upon

this, let's, uh, perhaps just

306da4a8-d55d-4205-b571-91c892cf2a12/2663-1

00:15:33.174 --> 00:15:35.064

go, uh, uh, we don't.

306da4a8-d55d-4205-b571-91c892cf2a12/2694-0

00:15:35.664 --> 00:15:41.942

The idea is that exactly what

you are, what you are saying,

306da4a8-d55d-4205-b571-91c892cf2a12/2694-1

00:15:41.942 --> 00:15:48.325

makes a lot of sense and maybe

we can show it, ER, uh, or it

306da4a8-d55d-4205-b571-91c892cf2a12/2694-2

00:15:48.325 --> 00:15:49.894

doesn't matter.

306da4a8-d55d-4205-b571-91c892cf2a12/2723-0

00:15:50.044 --> 00:15:55.682

So, uh, the the idea is that we

we agree with you in the sense

306da4a8-d55d-4205-b571-91c892cf2a12/2723-1

00:15:55.682 --> 00:16:00.514

that you may have you often have

a sort of error key.

306da4a8-d55d-4205-b571-91c892cf2a12/2740-0

00:16:00.604 --> 00:16:06.032

So it's not only that, let's say

a given architecture complies to

306da4a8-d55d-4205-b571-91c892cf2a12/2740-1

00:16:06.032 --> 00:16:07.924

reference architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/2768-0

00:16:07.934 --> 00:16:11.548

Might, but it might be that you

have an inner structure of a

306da4a8-d55d-4205-b571-91c892cf2a12/2768-1

00:16:11.548 --> 00:16:15.398

specific component or even that

are reference architecture as we

306da4a8-d55d-4205-b571-91c892cf2a12/2767-0

00:16:14.224 --> 00:16:14.504

Correct.

306da4a8-d55d-4205-b571-91c892cf2a12/2768-2

00:16:15.398 --> 00:16:15.694

said.

306da4a8-d55d-4205-b571-91c892cf2a12/2783-0

00:16:16.864 --> 00:16:21.814

Come come form to a style, an

architectural style. No.

306da4a8-d55d-4205-b571-91c892cf2a12/2836-0

00:16:21.934 --> 00:16:27.691

So the idea is that this then

and this the tool assistive tool

306da4a8-d55d-4205-b571-91c892cf2a12/2836-1

00:16:27.691 --> 00:16:33.264

that embodies the, let's say

the, the, the, the, the process

306da4a8-d55d-4205-b571-91c892cf2a12/2836-2

00:16:33.264 --> 00:16:38.838

that we discussed a before, I

can be applied to any level of

306da4a8-d55d-4205-b571-91c892cf2a12/2836-3

00:16:38.838 --> 00:16:42.584

the any level of the year key

basically.

306da4a8-d55d-4205-b571-91c892cf2a12/2852-0

00:16:42.594 --> 00:16:48.504

So it it it it it relies on this

multi level modeling idea.

306da4a8-d55d-4205-b571-91c892cf2a12/2893-0

00:16:48.514 --> 00:16:53.096

You know, basically we we

formalize everything with the

306da4a8-d55d-4205-b571-91c892cf2a12/2893-1

00:16:53.096 --> 00:16:57.842

same formalism such that

whatever check you wanna do, you

306da4a8-d55d-4205-b571-91c892cf2a12/2893-2

00:16:57.842 --> 00:17:02.506

can do it at any level of, let's

say, yeah, Archy of the

306da4a8-d55d-4205-b571-91c892cf2a12/2893-3

00:17:02.506 --> 00:17:03.324

hierarchy.

306da4a8-d55d-4205-b571-91c892cf2a12/2949-0

00:17:03.514 --> 00:17:07.131

So as you say, do you may for

instance here we can have the

306da4a8-d55d-4205-b571-91c892cf2a12/2949-1

00:17:07.131 --> 00:17:10.868

the publish subscribe as a style

that is the most general and

306da4a8-d55d-4205-b571-91c892cf2a12/2949-2

00:17:10.868 --> 00:17:14.124

then the first thing we wanna

do, we want to create a

306da4a8-d55d-4205-b571-91c892cf2a12/2949-3

00:17:14.124 --> 00:17:17.560

reference architecture that

complies to this publish and

306da4a8-d55d-4205-b571-91c892cf2a12/2949-4

00:17:17.560 --> 00:17:18.524

subscribe style.

306da4a8-d55d-4205-b571-91c892cf2a12/2958-0

00:17:18.614 --> 00:17:21.304

So we create the reference

architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/2966-0

00:17:21.314 --> 00:17:24.724

In this case it's let's say IoT

reference architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/3054-0

00:17:24.874 --> 00:17:28.934

But then what we wanna do, we

wanna create a specific

306da4a8-d55d-4205-b571-91c892cf2a12/3054-1

00:17:28.934 --> 00:17:33.520

architecture that complies to

the IoT reference architecture

306da4a8-d55d-4205-b571-91c892cf2a12/3054-2

00:17:33.520 --> 00:17:37.955

and we can still do so by using

the same approach and even

306da4a8-d55d-4205-b571-91c892cf2a12/3054-3

00:17:37.955 --> 00:17:42.466

further, as you said, if we

wanna have let's say a specific

306da4a8-d55d-4205-b571-91c892cf2a12/3054-4

00:17:42.466 --> 00:17:47.202

component or a specific part of

the software architecture that

306da4a8-d55d-4205-b571-91c892cf2a12/3054-5

00:17:47.202 --> 00:17:51.938

complies to another thing we can

do that as well with the same

306da4a8-d55d-4205-b571-91c892cf2a12/3054-6

00:17:51.938 --> 00:17:54.494

basically with the same

approach.

306da4a8-d55d-4205-b571-91c892cf2a12/3065-0

00:17:54.504 --> 00:17:57.114

And in this case, that is

embodied in the tool.

306da4a8-d55d-4205-b571-91c892cf2a12/3074-0

00:17:58.344 --> 00:17:59.924

I don't know if I was clear.

306da4a8-d55d-4205-b571-91c892cf2a12/3125-0

00:18:00.934 --> 00:18:05.765

Umm I have also the other

general question after we have

306da4a8-d55d-4205-b571-91c892cf2a12/3125-1

00:18:05.765 --> 00:18:11.021

last time met I I wrote just an

email to to your shortly that

306da4a8-d55d-4205-b571-91c892cf2a12/3096-0

00:18:07.204 --> 00:18:07.424

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/3125-2

00:18:11.021 --> 00:18:15.937

this resembles a lot the same

kind of issue is that is my

306da4a8-d55d-4205-b571-91c892cf2a12/3125-3

00:18:15.937 --> 00:18:18.564

moral following the meta model.

306da4a8-d55d-4205-b571-91c892cf2a12/3131-0

00:18:19.064 --> 00:18:19.284

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/3163-0

00:18:31.784 --> 00:18:31.944

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/3189-0

00:18:32.004 --> 00:18:36.067

Whatsoever and then it will

check that it actually is your

306da4a8-d55d-4205-b571-91c892cf2a12/3189-1

00:18:36.067 --> 00:18:38.064

model following a meta model.

306da4a8-d55d-4205-b571-91c892cf2a12/3194-0

00:18:38.654 --> 00:18:40.214

Yes, and you?

306da4a8-d55d-4205-b571-91c892cf2a12/3209-0

00:18:39.734 --> 00:18:44.984

I I think is it could could this

be applied for the same purpose?

306da4a8-d55d-4205-b571-91c892cf2a12/3212-0

00:18:44.304 --> 00:18:47.114

Yeah, actually, yeah, it it is

indeed.

306da4a8-d55d-4205-b571-91c892cf2a12/3227-0

00:18:47.124 --> 00:18:52.154

This is right and this is the

main I of course.

306da4a8-d55d-4205-b571-91c892cf2a12/3272-0

00:18:52.164 --> 00:18:56.284

Now here we are showcasing,

let's say the the assistive

306da4a8-d55d-4205-b571-91c892cf2a12/3272-1

00:18:56.284 --> 00:19:00.846

tool, but this assistive tool of

course embodies or a process

306da4a8-d55d-4205-b571-91c892cf2a12/3272-2

00:19:00.846 --> 00:19:05.334

that we define, let's say, and

this process also is based on

306da4a8-d55d-4205-b571-91c892cf2a12/3272-3

00:19:05.334 --> 00:19:09.454

the definition of, let's say

conformance this and that.

306da4a8-d55d-4205-b571-91c892cf2a12/3327-0

00:19:09.464 --> 00:19:13.807

But when we were defining the

tool, we actually had this

306da4a8-d55d-4205-b571-91c892cf2a12/3327-1

00:19:13.807 --> 00:19:18.835

intuition, the one that you just

said that we wanted to basically

306da4a8-d55d-4205-b571-91c892cf2a12/3327-2

00:19:18.835 --> 00:19:22.492

use the similarity between

between the software

306da4a8-d55d-4205-b571-91c892cf2a12/3327-3

00:19:22.492 --> 00:19:26.759

architecture and reference

architecture with respect to

306da4a8-d55d-4205-b571-91c892cf2a12/3327-4

00:19:26.759 --> 00:19:29.654

models, Amida models so and do

reuse.

306da4a8-d55d-4205-b571-91c892cf2a12/3335-0

00:19:29.844 --> 00:19:31.594

Why we want to to do that?

306da4a8-d55d-4205-b571-91c892cf2a12/3366-0

00:19:31.604 --> 00:19:35.708

Because doing this we could

reuse all the technological

306da4a8-d55d-4205-b571-91c892cf2a12/3366-1

00:19:35.708 --> 00:19:40.252

stack of MDE, so the editors the

the transformation, the code

306da4a8-d55d-4205-b571-91c892cf2a12/3366-2

00:19:40.252 --> 00:19:42.304

generator and this and that.

306da4a8-d55d-4205-b571-91c892cf2a12/3376-0

00:19:43.004 --> 00:19:47.554

And yeah, in this in, in, in the

software architecture world.

306da4a8-d55d-4205-b571-91c892cf2a12/3401-0

00:19:47.664 --> 00:19:50.832

So essentially, yes, you are

completely right and this is the

306da4a8-d55d-4205-b571-91c892cf2a12/3401-1

00:19:50.832 --> 00:19:53.694

intuition that we had at the

beginning of this journey.

306da4a8-d55d-4205-b571-91c892cf2a12/3418-0

00:19:53.704 --> 00:20:00.675

Now to actually try to to map in

a way as architecture to models

306da4a8-d55d-4205-b571-91c892cf2a12/3418-1

00:20:00.675 --> 00:20:02.284

and metamodels.

306da4a8-d55d-4205-b571-91c892cf2a12/3421-0

00:20:04.364 --> 00:20:05.134

Uh.

306da4a8-d55d-4205-b571-91c892cf2a12/3498-0

00:20:05.144 --> 00:20:09.491

And of course, this is was also

something done previously, but

306da4a8-d55d-4205-b571-91c892cf2a12/3498-1

00:20:09.491 --> 00:20:13.562

the and when we research a

little bit the state of art and

306da4a8-d55d-4205-b571-91c892cf2a12/3498-2

00:20:13.562 --> 00:20:17.495

practice, we found the very

initial works that then then

306da4a8-d55d-4205-b571-91c892cf2a12/3498-3

00:20:17.495 --> 00:20:21.221

were more or less abandoned

while we yeah, we kind of

306da4a8-d55d-4205-b571-91c892cf2a12/3498-4

00:20:21.221 --> 00:20:25.499

believe in, in in this approach

and that we believe that this

306da4a8-d55d-4205-b571-91c892cf2a12/3498-5

00:20:25.499 --> 00:20:28.604

can bring a lot of benefits to

the software.

306da4a8-d55d-4205-b571-91c892cf2a12/3508-0

00:20:28.614 --> 00:20:32.784

I mean to the practices of

architecting basically.

306da4a8-d55d-4205-b571-91c892cf2a12/3515-0

00:20:32.874 --> 00:20:34.944

So that's why we yeah, we went.

306da4a8-d55d-4205-b571-91c892cf2a12/3529-0

00:20:35.634 --> 00:20:38.664

We did the first study and now

we are doing this.

306da4a8-d55d-4205-b571-91c892cf2a12/3534-0

00:20:38.974 --> 00:20:40.374

Let's say this is follow up.

306da4a8-d55d-4205-b571-91c892cf2a12/3561-0

00:20:42.274 --> 00:20:46.984

And another thing that we wanted

to basically showcase is just.

306da4a8-d55d-4205-b571-91c892cf2a12/3565-0

00:20:47.544 --> 00:20:48.694

Can I quickly come in?

306da4a8-d55d-4205-b571-91c892cf2a12/3606-0

00:20:48.704 --> 00:20:54.164

Another thing here where just

just that as it came to my mind,

306da4a8-d55d-4205-b571-91c892cf2a12/3572-0

00:20:49.494 --> 00:20:50.224

Yeah, of course.

306da4a8-d55d-4205-b571-91c892cf2a12/3606-1

00:20:54.164 --> 00:20:59.711

is that in certain industries on

architecture they architecture

306da4a8-d55d-4205-b571-91c892cf2a12/3606-2

00:20:59.711 --> 00:21:04.824

frameworks evolve and this could

be very helpful for them.

306da4a8-d55d-4205-b571-91c892cf2a12/3670-0

00:21:04.974 --> 00:21:10.037

For example, in automotive they

have this autosar which is very

306da4a8-d55d-4205-b571-91c892cf2a12/3620-0

00:21:09.384 --> 00:21:09.564

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/3670-1

00:21:10.037 --> 00:21:15.021

large and complex and it evolves

and then it would be somewhat

306da4a8-d55d-4205-b571-91c892cf2a12/3670-2

00:21:15.021 --> 00:21:20.005

nice to see that if they have an

existing architecture compost

306da4a8-d55d-4205-b571-91c892cf2a12/3670-3

00:21:20.005 --> 00:21:24.198

and then you change the

reference architecture which

306da4a8-d55d-4205-b571-91c892cf2a12/3670-4

00:21:24.198 --> 00:21:28.707

usually has not changed

completely part it has changed a

306da4a8-d55d-4205-b571-91c892cf2a12/3670-5

00:21:28.707 --> 00:21:32.504

little bit then you could see

that actually uh.

306da4a8-d55d-4205-b571-91c892cf2a12/3668-0

00:21:29.334 --> 00:21:29.494

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/3705-0

00:21:34.874 --> 00:21:38.652

If you change the reference

architect to something slightly

306da4a8-d55d-4205-b571-91c892cf2a12/3705-1

00:21:38.652 --> 00:21:42.494

different version that that

could be helpful in in companies

306da4a8-d55d-4205-b571-91c892cf2a12/3694-0

00:21:39.734 --> 00:21:39.944

Mm-hmm.

306da4a8-d55d-4205-b571-91c892cf2a12/3705-2

00:21:42.494 --> 00:21:45.264

to see that they have have built

something.

306da4a8-d55d-4205-b571-91c892cf2a12/3719-0

00:21:45.274 --> 00:21:50.714

But now we need to follow our

Autosar 4.5 or whatever.

306da4a8-d55d-4205-b571-91c892cf2a12/3729-0

00:21:51.844 --> 00:21:53.884

And then what are the changes?

306da4a8-d55d-4205-b571-91c892cf2a12/3731-0

00:21:54.434 --> 00:21:55.324

Yeah, exactly.

306da4a8-d55d-4205-b571-91c892cf2a12/3771-0

00:21:55.394 --> 00:21:58.788

If because because you may have

data architecture is still

306da4a8-d55d-4205-b571-91c892cf2a12/3740-0

00:21:56.044 --> 00:21:56.224

No.

306da4a8-d55d-4205-b571-91c892cf2a12/3771-1

00:21:58.788 --> 00:22:02.528

conformant, or you may have the

architecture needs to be updated

306da4a8-d55d-4205-b571-91c892cf2a12/3771-2

00:22:02.528 --> 00:22:05.634

a little bit because the

reference architecture, yes.

306da4a8-d55d-4205-b571-91c892cf2a12/3774-0

00:22:05.444 --> 00:22:06.714

Correct, correct, correct.

306da4a8-d55d-4205-b571-91c892cf2a12/3775-0

00:22:05.874 --> 00:22:07.074

Yeah, yeah, yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/3853-0

00:22:07.724 --> 00:22:12.857

Yeah, and uh, actually, these

observation again relates a

306da4a8-d55d-4205-b571-91c892cf2a12/3853-1

00:22:12.857 --> 00:22:17.901

little bit on what we we

intended to show you as yeah in

306da4a8-d55d-4205-b571-91c892cf2a12/3853-2

00:22:17.901 --> 00:22:23.653

this stage that is basically the

fact and this also was was in a

306da4a8-d55d-4205-b571-91c892cf2a12/3853-3

00:22:23.653 --> 00:22:27.989

way don't uh, after our

experience with with the

306da4a8-d55d-4205-b571-91c892cf2a12/3853-4

00:22:27.989 --> 00:22:33.033

industry industrial partners

that basically at different

306da4a8-d55d-4205-b571-91c892cf2a12/3853-5

00:22:33.033 --> 00:22:38.254

stages of the development

process, you know you don't want

306da4a8-d55d-4205-b571-91c892cf2a12/3853-6

00:22:38.254 --> 00:22:42.944

to have the same let's say same

level of strictness.

306da4a8-d55d-4205-b571-91c892cf2a12/3849-0

00:22:40.024 --> 00:22:40.324

Hmm.

306da4a8-d55d-4205-b571-91c892cf2a12/3880-0

00:22:43.114 --> 00:22:47.551

So you want maybe at the

beginning to have just a very

306da4a8-d55d-4205-b571-91c892cf2a12/3861-0

00:22:43.354 --> 00:22:43.524

Sure.

306da4a8-d55d-4205-b571-91c892cf2a12/3880-1

00:22:47.551 --> 00:22:52.794

broad conformance checking that

may help you, but yeah, exactly.

306da4a8-d55d-4205-b571-91c892cf2a12/3879-0

00:22:50.744 --> 00:22:51.004

Hmm.

306da4a8-d55d-4205-b571-91c892cf2a12/3922-0

00:22:52.804 --> 00:22:55.949

And the more you go towards,

let's say, the later stages of

306da4a8-d55d-4205-b571-91c892cf2a12/3922-1

00:22:55.949 --> 00:22:59.356

the development, the OR the idea

little worse code that the more

306da4a8-d55d-4205-b571-91c892cf2a12/3922-2

00:22:59.356 --> 00:23:01.714

you want to be stripped and

enforce certain.

306da4a8-d55d-4205-b571-91c892cf2a12/3981-0

00:23:01.984 --> 00:23:08.085

And basically this is what we

yeah, which we also with this

306da4a8-d55d-4205-b571-91c892cf2a12/3981-1

00:23:08.085 --> 00:23:14.288

let's say and tool or with our

approach and body it again in

306da4a8-d55d-4205-b571-91c892cf2a12/3981-2

00:23:14.288 --> 00:23:19.779

this tool we yeah we envision

and we support and it's

306da4a8-d55d-4205-b571-91c892cf2a12/3981-3

00:23:19.779 --> 00:23:25.982

supported I gave by again by a

combination of factor that is

306da4a8-d55d-4205-b571-91c892cf2a12/3981-4

00:23:25.982 --> 00:23:29.744

either the mapping of the let's

say.

306da4a8-d55d-4205-b571-91c892cf2a12/3993-0

00:23:31.704 --> 00:23:36.234

And element of your of the

architecture.

306da4a8-d55d-4205-b571-91c892cf2a12/3997-0

00:23:36.244 --> 00:23:37.024

The art composing.

306da4a8-d55d-4205-b571-91c892cf2a12/4005-0

00:23:37.564 --> 00:23:40.164

Ohh, the architecture they are.

306da4a8-d55d-4205-b571-91c892cf2a12/4025-0

00:23:40.324 --> 00:23:45.166

They are composing with respect

to the input or selected

306da4a8-d55d-4205-b571-91c892cf2a12/4025-1

00:23:45.166 --> 00:23:48.904

reference architectural style

and also the.

306da4a8-d55d-4205-b571-91c892cf2a12/4030-0

00:23:49.024 --> 00:23:51.604

Basically the the constraints,

the external.

306da4a8-d55d-4205-b571-91c892cf2a12/4051-0

00:23:54.444 --> 00:23:59.154

Constrain that you can specified

as in this case that we are.

306da4a8-d55d-4205-b571-91c892cf2a12/4059-0

00:23:58.754 --> 00:23:59.764

True, true.

306da4a8-d55d-4205-b571-91c892cf2a12/4064-0

00:24:00.164 --> 00:24:01.064

Yeah, we are showing.

306da4a8-d55d-4205-b571-91c892cf2a12/4141-0

00:24:00.774 --> 00:24:04.913

But I I think that is maybe

novel part here or something

306da4a8-d55d-4205-b571-91c892cf2a12/4141-1

00:24:04.913 --> 00:24:09.704

that is missing that usually you

have these free free form models

306da4a8-d55d-4205-b571-91c892cf2a12/4141-2

00:24:09.704 --> 00:24:14.133

and then you have these always

following the metamodel style

306da4a8-d55d-4205-b571-91c892cf2a12/4141-3

00:24:14.133 --> 00:24:18.780

and you can you can keep adding

but of course it comes with the

306da4a8-d55d-4205-b571-91c892cf2a12/4109-0

00:24:14.574 --> 00:24:14.714

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/4141-4

00:24:18.780 --> 00:24:23.354

cost that then you have these

validation scripts, they are not

306da4a8-d55d-4205-b571-91c892cf2a12/4141-5

00:24:23.354 --> 00:24:27.274

in a data you you you can you

can change the program.

306da4a8-d55d-4205-b571-91c892cf2a12/4144-0

00:24:30.314 --> 00:24:30.514

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/4147-0

00:24:32.134 --> 00:24:32.294

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/4157-0

00:24:32.494 --> 00:24:36.264

And and I think this would see

it.

306da4a8-d55d-4205-b571-91c892cf2a12/4172-0

00:24:36.354 --> 00:24:42.744

And so the yeah, we can have

many fever, last feedback.

306da4a8-d55d-4205-b571-91c892cf2a12/4194-0

00:24:42.754 --> 00:24:47.869

So we can, uh, or we can collect

them, or otherwise we can have

306da4a8-d55d-4205-b571-91c892cf2a12/4194-1

00:24:47.869 --> 00:24:51.944

like 5 minutes, 10 minutes open

discussion to see.

306da4a8-d55d-4205-b571-91c892cf2a12/4197-0

00:24:51.954 --> 00:24:52.444

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/4203-0

00:24:52.514 --> 00:24:53.674

To sum up, both so the.

306da4a8-d55d-4205-b571-91c892cf2a12/4206-0

00:24:55.994 --> 00:24:56.164

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/4225-0

00:24:56.394 --> 00:25:00.390

The the, the, the the store can

the previous talk that we that

306da4a8-d55d-4205-b571-91c892cf2a12/4225-1

00:25:00.390 --> 00:25:00.834

we had.

306da4a8-d55d-4205-b571-91c892cf2a12/4230-0

00:25:08.884 --> 00:25:09.364

I don't know.

306da4a8-d55d-4205-b571-91c892cf2a12/4245-0

00:25:09.374 --> 00:25:11.684

I'm like if I forgot anything

you can.

306da4a8-d55d-4205-b571-91c892cf2a12/4275-0

00:25:12.214 --> 00:25:15.904

No, no, I think that's no,

that's all.

306da4a8-d55d-4205-b571-91c892cf2a12/4253-0

00:25:16.544 --> 00:25:16.974

So.

306da4a8-d55d-4205-b571-91c892cf2a12/4256-0

00:25:17.034 --> 00:25:19.234

So what?

306da4a8-d55d-4205-b571-91c892cf2a12/4258-0

00:25:19.244 --> 00:25:19.594

What?

306da4a8-d55d-4205-b571-91c892cf2a12/4260-0

00:25:19.704 --> 00:25:20.204

What?

306da4a8-d55d-4205-b571-91c892cf2a12/4267-0

00:25:20.424 --> 00:25:22.334

What you are expecting from me?

306da4a8-d55d-4205-b571-91c892cf2a12/4269-0

00:25:22.344 --> 00:25:22.744

How?

306da4a8-d55d-4205-b571-91c892cf2a12/4276-0

00:25:22.924 --> 00:25:24.314

How how can I contribute?

306da4a8-d55d-4205-b571-91c892cf2a12/4477-0

00:25:26.964 --> 00:25:32.666

So no, the idea was that maybe

let me find the again the the

306da4a8-d55d-4205-b571-91c892cf2a12/4477-1

00:25:32.666 --> 00:25:38.180

the idea is if you remember at

the in the first meeting we

306da4a8-d55d-4205-b571-91c892cf2a12/4477-2

00:25:38.180 --> 00:25:44.162

discussed the the procedure that

yeah we we used uh to to to to

306da4a8-d55d-4205-b571-91c892cf2a12/4477-3

00:25:44.162 --> 00:25:50.050

engage this this research and we

show you also a list of let's

306da4a8-d55d-4205-b571-91c892cf2a12/4477-4

00:25:50.050 --> 00:25:55.285

say requirements and and

challenges research challenges

306da4a8-d55d-4205-b571-91c892cf2a12/4477-5

00:25:55.285 --> 00:26:01.267

that they were open and the the

driven the they have driven the

306da4a8-d55d-4205-b571-91c892cf2a12/4477-6

00:26:01.267 --> 00:26:07.061

let's say the definition of the

process of the tools so maybe

306da4a8-d55d-4205-b571-91c892cf2a12/4477-7

00:26:07.061 --> 00:26:12.669

what I didn't communicate very

effectively is that today we

306da4a8-d55d-4205-b571-91c892cf2a12/4477-8

00:26:12.669 --> 00:26:18.745

wanted to show you the tool and

reflect to you uh we do sorry on

306da4a8-d55d-4205-b571-91c892cf2a12/4477-9

00:26:18.745 --> 00:26:24.259

how much did we in European

Union based on what we show of

306da4a8-d55d-4205-b571-91c892cf2a12/4477-10

00:26:24.259 --> 00:26:30.241

course is a seed in umm daegling

the challenges that uh yeah we

306da4a8-d55d-4205-b571-91c892cf2a12/4477-11

00:26:30.241 --> 00:26:35.662

we we talked about in the

previous meeting and fulfilling

306da4a8-d55d-4205-b571-91c892cf2a12/4477-12

00:26:35.662 --> 00:26:41.364

the requirements that we yeah

also show you I again probably

306da4a8-d55d-4205-b571-91c892cf2a12/4477-13

00:26:41.364 --> 00:26:46.504

let me open again the

presentation with the and I just

306da4a8-d55d-4205-b571-91c892cf2a12/4477-14

00:26:46.504 --> 00:26:48.654

need to find it and to.

306da4a8-d55d-4205-b571-91c892cf2a12/4479-0

00:26:53.184 --> 00:26:53.264

Yes.

306da4a8-d55d-4205-b571-91c892cf2a12/4482-0

00:26:59.364 --> 00:26:59.734

Umm.

306da4a8-d55d-4205-b571-91c892cf2a12/4508-0

00:27:03.144 --> 00:27:07.917

Yeah, these were, uh, the

requirements that we would then

306da4a8-d55d-4205-b571-91c892cf2a12/4508-1

00:27:07.917 --> 00:27:11.044

we also thought that maybe and

sorry.

306da4a8-d55d-4205-b571-91c892cf2a12/4521-0

00:27:14.624 --> 00:27:17.134

Yeah, but I I I didn't really.

306da4a8-d55d-4205-b571-91c892cf2a12/4517-0

00:27:14.644 --> 00:27:15.534

Umm.

306da4a8-d55d-4205-b571-91c892cf2a12/4530-0

00:27:17.144 --> 00:27:20.574

I didn't Brody size those.

306da4a8-d55d-4205-b571-91c892cf2a12/4532-0

00:27:21.484 --> 00:27:22.814

Actually you did.

306da4a8-d55d-4205-b571-91c892cf2a12/4537-0

00:27:23.044 --> 00:27:23.544

I have.

306da4a8-d55d-4205-b571-91c892cf2a12/4546-0

00:27:23.304 --> 00:27:23.564

OK.

306da4a8-d55d-4205-b571-91c892cf2a12/4544-0

00:27:23.554 --> 00:27:25.354

Yeah, I have here the notes.

306da4a8-d55d-4205-b571-91c892cf2a12/4549-0

00:27:25.364 --> 00:27:26.524

So you say the.

306da4a8-d55d-4205-b571-91c892cf2a12/4568-0

00:27:28.434 --> 00:27:30.224

I mean, you partially.

306da4a8-d55d-4205-b571-91c892cf2a12/4561-0

00:27:30.054 --> 00:27:30.464

I go.

306da4a8-d55d-4205-b571-91c892cf2a12/4575-0

00:27:30.474 --> 00:27:31.414

I come and some of them.

306da4a8-d55d-4205-b571-91c892cf2a12/4573-0

00:27:31.864 --> 00:27:32.634

Yeah, exactly.

306da4a8-d55d-4205-b571-91c892cf2a12/4583-0

00:27:32.414 --> 00:27:32.794

Yeah, yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/4649-0

00:27:32.644 --> 00:27:37.562

You prioritize some of them and

also had that and another let's

306da4a8-d55d-4205-b571-91c892cf2a12/4649-1

00:27:37.562 --> 00:27:42.173

say, uh requirements or aspect

that should have been taking

306da4a8-d55d-4205-b571-91c892cf2a12/4649-2

00:27:42.173 --> 00:27:46.323

into account that this

scalability and mentioned that

306da4a8-d55d-4205-b571-91c892cf2a12/4616-0

00:27:44.714 --> 00:27:44.974

Mm-hmm.

306da4a8-d55d-4205-b571-91c892cf2a12/4649-3

00:27:46.323 --> 00:27:50.550

this was really I mean

scalability was related to real

306da4a8-d55d-4205-b571-91c892cf2a12/4649-4

00:27:50.550 --> 00:27:55.314

time, you know to the timeline

let's say this this display of

306da4a8-d55d-4205-b571-91c892cf2a12/4649-5

00:27:55.314 --> 00:27:59.464

information and the continuous

nature of the process.

306da4a8-d55d-4205-b571-91c892cf2a12/4659-0

00:27:59.474 --> 00:28:02.444

Let's say this is what we said.

306da4a8-d55d-4205-b571-91c892cf2a12/4661-0

00:28:02.094 --> 00:28:03.074

Yeah, yeah, yes.

306da4a8-d55d-4205-b571-91c892cf2a12/4662-0

00:28:03.034 --> 00:28:03.524

Yeah.

306da4a8-d55d-4205-b571-91c892cf2a12/4683-0

00:28:03.594 --> 00:28:12.478

So and yeah, the idea is to umm

to to to get let's say sort of

306da4a8-d55d-4205-b571-91c892cf2a12/4683-1

00:28:12.478 --> 00:28:14.734

uh opinion from.

306da4a8-d55d-4205-b571-91c892cf2a12/4688-0

00:28:14.744 --> 00:28:17.084

From from you on how?

306da4a8-d55d-4205-b571-91c892cf2a12/4702-0

00:28:17.244 --> 00:28:26.024

Uh, yeah, I'll, in your opinion,

we manage to, uh, check this.

306da4a8-d55d-4205-b571-91c892cf2a12/4708-0

00:28:26.294 --> 00:28:27.384

Let's say requirements.

306da4a8-d55d-4205-b571-91c892cf2a12/4720-0

00:28:30.964 --> 00:28:33.004

Based on what we show you right

now.

306da4a8-d55d-4205-b571-91c892cf2a12/4733-0

00:28:33.074 --> 00:28:33.194

Now.

306da4a8-d55d-4205-b571-91c892cf2a12/4729-0

00:28:33.894 --> 00:28:35.604

Sure, sure can.

306da4a8-d55d-4205-b571-91c892cf2a12/4740-0

00:28:35.614 --> 00:28:39.274

Can you send these 1010 points?

306da4a8-d55d-4205-b571-91c892cf2a12/4743-0

00:28:38.014 --> 00:28:38.244

Yep.

306da4a8-d55d-4205-b571-91c892cf2a12/4775-0

00:28:39.284 --> 00:28:44.235

So I I could I could now, having

seen these a good little bit,

306da4a8-d55d-4205-b571-91c892cf2a12/4775-1

00:28:44.235 --> 00:28:47.064

think more, more and and and

reply.

306da4a8-d55d-4205-b571-91c892cf2a12/4768-0

00:28:44.694 --> 00:28:46.024

OK, I can.

306da4a8-d55d-4205-b571-91c892cf2a12/4774-0

00:28:45.594 --> 00:28:45.794

OK.

306da4a8-d55d-4205-b571-91c892cf2a12/4792-0

00:28:46.454 --> 00:28:53.199

Yes, if if you I I can send you

this and then by mail and then

306da4a8-d55d-4205-b571-91c892cf2a12/4792-1

00:28:53.199 --> 00:28:54.484

we can have.

306da4a8-d55d-4205-b571-91c892cf2a12/4814-0

00:28:54.574 --> 00:28:58.572

Yeah, you can write down your

feedback, so at least sometime

306da4a8-d55d-4205-b571-91c892cf2a12/4811-0

00:28:56.984 --> 00:28:57.894

Sure, sure, sure.

306da4a8-d55d-4205-b571-91c892cf2a12/4814-1

00:28:58.572 --> 00:29:00.014

do to reflect on them.

306da4a8-d55d-4205-b571-91c892cf2a12/4817-0

00:29:01.214 --> 00:29:01.864

OK.

306da4a8-d55d-4205-b571-91c892cf2a12/4824-0

00:29:01.914 --> 00:29:04.544

But then this sounds like a

plan.

306da4a8-d55d-4205-b571-91c892cf2a12/4850-0

00:29:04.554 --> 00:29:10.270

And then I guess we can free you

and we we, yeah, we keep in

306da4a8-d55d-4205-b571-91c892cf2a12/4847-0

00:29:08.104 --> 00:29:08.354

Umm.

306da4a8-d55d-4205-b571-91c892cf2a12/4850-1

00:29:10.270 --> 00:29:13.174

touch by by mail at this point.

306da4a8-d55d-4205-b571-91c892cf2a12/4875-0

00:29:13.934 --> 00:29:15.514

Yep, sounds fine.

306da4a8-d55d-4205-b571-91c892cf2a12/4858-0

00:29:14.334 --> 00:29:14.654

Mm-hmm.

306da4a8-d55d-4205-b571-91c892cf2a12/4855-0

00:29:15.154 --> 00:29:15.884

OK.

306da4a8-d55d-4205-b571-91c892cf2a12/4880-0

00:29:16.074 --> 00:29:18.444

Thank you so much and have a

great evening.

306da4a8-d55d-4205-b571-91c892cf2a12/4882-0

00:29:16.874 --> 00:29:17.874

OK. Thanks.

306da4a8-d55d-4205-b571-91c892cf2a12/4877-0

00:29:17.214 --> 00:29:17.664

Thanks.

306da4a8-d55d-4205-b571-91c892cf2a12/4884-0

00:29:18.674 --> 00:29:18.994

Thank you.

306da4a8-d55d-4205-b571-91c892cf2a12/4887-0

00:29:18.794 --> 00:29:19.174

Bye bye.

306da4a8-d55d-4205-b571-91c892cf2a12/4889-0

00:29:19.844 --> 00:29:20.274

Bye bye.

306da4a8-d55d-4205-b571-91c892cf2a12/4892-0

00:29:20.754 --> 00:29:21.094

I.