

Frontend Working Group Meeting (2024-03-28 12:11 GMT-3) - Transcript

Attendees

Brian Smith, Chintan Joshi, David Joy, David Joy's Presentation, Fox Piacenti, Hina Khadim

Transcript

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Brian Smith: All And recording is on.

Brian Smith: Module Federation stuff.

David Joy: You want to get into it? Okay.

Brian Smith: That sounds super exciting. Yeah.

David Joy: Come up. On video like you said, yeah, so I am just some background for anyone doesn't know or if she's this later. So I'm Contracting with accent to

David Joy: continue pager's work around, front-end composability and whether or not we want to use pyrol or something else. and my current feeling is that

David Joy: we may be better I think like to talk it through with everyone. We maybe better Jumping a level down and going directly, using webpack modules Federation directly. As opposed to adopting kind of another framework to the pile on top of everything. I feel like we get a lot of the exact same things but for a much less invasive approach and that's my current Theory, and that I'd like to

David Joy: that with folks so signature I didn't. Fully think through what I was going to share here, so we'll get inside.

David Joy: there's let's share a screen. Which screen do I want to share?

David Joy: Why don't I just do a little actual demo here if I can? Get myself gone.

David Joy: Bear with me a second. I'm going to you.

David Joy: just starting up my containers here whatever

David Joy: Okay.

David Joy:

David Joy: open the new town.

David Joy: I mean they have a paralytic with him, but I haven't started motor.

David Joy: So, let me share a tab Exam that one. So it's not the most beautiful demo in the world.

David Joy: But right here we're looking an MFE so I disconnected these from edx platform or anything like that. So they're not actually waiting on authentication or anything like that that just kind of Standalone things. So this is an MFE based on foreign template application. I'm calling this is a shell and a fee and then you move my cursor you can see So this is the shell application here. It is loading a different content from a different FE. At runtime through module Federation. There's no iframe here. It looks you inspect this thing, which hopefully you're not allowed to see my inspector. that's annoying. if you there is the boundary I think between the two but I take my word for it. I'm look at yourself. You granted there's no.

David Joy: High frame here or anything like that, it's just loading the Commandment into the page kind of using react lazy basically at the end of the day, So if To reactively this feels from a react perspective very very similar to that.

David Joy: Pause for a second so I can show kind of the code that's running us if I refresh it I think maybe it's hard to see you can see there's a moment there where lazy loads the second one and you can see the word loading for a second for a moment there. But it's kind of cool. So this green color we see here on shell page and domain once is actually CSS coming from the

David Joy: the child that is kind of overwriting, all the CSS is going in the same page so we can name space if we want to but it means that you could do like you could. for someone's doing multi-tenancy or something like that, you could override the styles on load that sort of thing. Just kind of cool.

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David Joy: I'll pause there for any thoughts

Brian Smith: Yeah, that is very cool. the CSS side of things is definitely a fun one.

David Joy: Yeah, it was cool pleasant surprise that this was another module.

Brian Smith: Yeah, that's a nice little benefit.

David Joy: So of course it can be this. people that

Brian Smith: Yeah, yeah, that makes sense. So the architecture of this seems similar to what was being done with front-end app shell before with pyro, but now this is just at the webpack module Federation level instead

David Joy: yeah, I mean it's like this much webpack config and once one script one file of Little Helper functions just to load stuff, in JavaScript. That's the whole thing. So it's shockingly little code.

Brian Smith: Okay, yeah.

Brian Smith: Yeah, I figured the main lift of the entire project is switching away from having every mfv B, its own shell so to speak and instead move the shared stuff into a shell and then trim down the mfe's to be what can be lazy loaded in in that...

David Joy: right So hot module reloading refresh with HMR works here without full page refreshes.

Brian Smith: So yeah.

David Joy: It's nice. You can change This morning just change that one. You can get that work and it vented on so I'm going into my code and my other screen here and say domain did.

Brian Smith: understandable

David Joy: And no exploded. yeah,...

Brian Smith: Hey. It means it did something. There we go.

David Joy: There's one small caveat that I discovered there networks, which is that if you are trying to do development on the shell and I'm effectively at the same time when you refresh the shell, it loses the hot module reloading for the child. And so you kind of just have to choose in a given page load which one you want to work on just probably a minor of inconvenience.

Brian Smith: Yeah.

David Joy: let me if it's okay folks. I can also pause for remote has any other thoughts?

David Joy: You can show the code here because it's actually quite. simple and Brian actually kind of I think is pleasantly surprising and in relation to what you were just talking about. just second he put my

David Joy: code window here somewhere Let me present something else. Yes. I would like to present something else. I'd like to not present. I'm gonna

David Joy: why did it not present something else? It's not just start over.

David Joy: Can't share your screen Curry will screen sharing. That's great.

Brian Smith: Live demos.

David Joy: It won't let me share. anything that is

Brian Smith: Do you have the code up on GitHub somewhere? You could share a gap.

David Joy: Yeah,...

Brian Smith: It's yeah.

David Joy: so just do it that way. if it'll actually let me share a window again.

Brian Smith: I mean let you share a tab. So you're gonna let you do that again. Yeah, there we go. Cool.

David Joy: over here Please there we go. Okay, so we're gonna just take this tab here. So let's go over to the

David Joy: Actually, once this is the plugin itself, there's a link to this in mulch that working friend. I'm working group in the Pyro Channel by the way, this is based on the front end template application.

Brian Smith: cool

David Joy: So this is an open X and a fee, fully it's using front and platform and all that stuff and what am I trying to find? yeah, so there's an override webpack. Config here. Basically solely for the purpose of adding this module Federation thing. by the way, these are sharing a bunch of libraries too React and react Dom or I'll shared from the shell.

Brian Smith: Yeah, I saw that in the text in the consume.

David Joy: Yeah, yes. So this is what you do basically to expose a component to someone else you basically give it a name. I think you can get rid of the dot slash there. But that was what the demo I saw did and you get told the path to the thing and then module Federation will package that thing up in its own file, figure out what dependencies need and stuff and Supply it so that someone else can load it. And so if you go into the actual code here

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David Joy: You actually do this odd thing where you import dynamically important just a secondary file here. talk about that. But in this looks like a normal MFE this domain one page this isn't used during module Federation at all. So this header footer, stuff here, we basically effectively tree Shake all this out because it's not a dependency of that domain one page. Then domain one is just a component as far as the center fees concerned. you can load it independently. Just using your Dev server and you can also load it into a different MFC. So

David Joy: I've already In this example right now the header and the footer. Even though there are dependency of this domain one repo. They're not being included. it's like the incremental adoption of this is actually kind of maybe easy right because anything you want to expose you just package into a file and dump the header and footer, keep the header and footer out of it and it's like I kind of envisioned putting a standalone webpack config and a module variation what that config or whatever and we just kind of Organize the files in place in order to start enabling this without leaving full backwards compatibility.

Brian Smith: Yeah. Yeah, I was definitely thinking we were talking about this with pyrol as well as far as how incremental adoption could work and...

David Joy:

Brian Smith: I think the general idea was if an MFE. Becomes something where we're saying. All right, so we include the shell and then we have this and then eventually we end up moving away from having each MFE with its own ed version of the shell. hosted in Each individual place that they're already being hosted and switch over to multiple mfes as components loading within the shell application that could be an incremental path forward. So it sounds like that similar unless I'm not fully understanding.

David Joy: I mean one of the things I Kind of like about this. Is that this? Child and if he knows absolutely nothing about the shell. Speculate right?

Brian Smith: Yeah, yeah this domain one page when you say child NF here,...

David Joy: Yeah. Yeah,...

Brian Smith: right? Yeah.

David Joy: Yes. Yeah. Okay. Gotta get my vernacular right here. You...

Brian Smith: Yeah.

David Joy: Yeah, like the summer fee. You could run it independently just by having better footer and that kind of top level index page this in the repo, as they can even just stay as dependencies if you really wanted but I think the development workflow probably be better off if we just actually dropped those dependencies from these child. domain one, repos and you just did development through the shell, I think that would probably be better because then we actually got rid of the dependencies and so we don't have to maintain them worry about them being wrong or any of that stuff.

Brian Smith: Absolutely.

David Joy: Yeah, I mean the things that pyrol that felt awkward to me is that there's a kind of a tight coupling between the shell and actual an Ephesians themselves, that the shell is a dependency wait, I'm saying that right and if he's have the shell as a dependency. But the shell is also loading them. It's kind of like a funny chicken thing

Brian Smith: Yeah, yeah, it's almost pure dependency stuff at that point where? You would expect the things that the shell has to exist when you're in the MFE.

Brian Smith: but Yeah, if this can be simplified. To not have that layer of complication then yeah,...

David Joy: I think so

Brian Smith: that's very cool.

David Joy: it feels Simpler. I mean I think if I had a criticism of payroll, that it's a pretty amazing thing. They're able to build. I think it's that they kind of took a kitchen sink approach and just it does everything anything you could possibly want to build. It has a thing or a Plugin or something to do. and those are not necessarily always using industry standards or other things that already exist about are kind of best in breed tools for those a lot of it's homegrown and stuff. it's like you don't need to do that folks. You're like you could let leave your thing more extensible for outside schools and not trying to do everything for everyone. That's a hard thing to do.

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Brian Smith: Yeah, absolutely.

David Joy: That's my hot take on it.

Brian Smith: Yeah, that was kind of my original day because I remember what we were talking through different options of how to kind of move to this type of architecture. We were talking about just went back module of federation as an option as well as I roll and I think There's something else. That came up as an option.

David Joy: singles probably single Spa probably

Brian Smith: Was that sorry? Yeah, single spot.

Fox Piacenti: Yeah, single spot was another proposed option.

Brian Smith: That was yeah.

David Joy: yeah.

Brian Smith: Yeah.

David Joy: Fox just staring the demo reposit made on...

Brian Smith: I think

David Joy: if you saw those posts.

Fox Piacenti: No, I was at the Meetup. So I just popped in a few minutes ago.

David Joy: Words in the frontend working group and payroll channels. I shared some demo repos that these module Federation just straight, with a pretty simple config to accomplish. I think, almost everything that we wanted that apparel.

Fox Piacenti: That's great the module Federation for webpack. is that built-in do we even have to install anything extra to make that work?

David Joy: as far as I can tell there's the folks who make webpack. And there's this guy I think Zach Johnson or something like that who took module Federation as is baby effectively, and it's run with it. And so Mugo Federation technically got split out of webpack into a dependency of it specifically so they could start using in other things that were not webpack. but long story short,...

Fox Piacenti:

David Joy: there's a module Federation slash runtime and a module Federation enhanced library that you install that are the current

David Joy: Version of this basically. Yeah, it's yeah,...

Fox Piacenti: Okay.

David Joy: and if you go to GitHub there's this module eration. Organization that has a million examples of how to do anything that you could want and they have a bunch of libraries. They've written at this point to kind of help make it easier and stuff. I was kind of shocked the other day when I realized that a lot has changed in the last couple years since I looked at this less.

Fox Piacenti: Yeah, it's funny. We keep on There's been multiple times. I've noticed that our team is on the bleeding edge of just straining what front-end can do and then it turns out that as soon as we're like I will just adapt this thing and we start working with it for a while by the time the community's done something else and...

David Joy: But yeah.

Fox Piacenti: I have to wonder if there is some place we could be better plugged in to win. The larger JS Community is making these kinds of decisions so we don't run off in a corner by ourselves for a while and have to undo everything again.

David Joy: Yeah.

Brian Smith: Do we have a dedicated quitter reader? I feel like all of the greater JavaScript communication just happens from someone that posted Twitter thread and...

Fox Piacenti: or even just like

Brian Smith: it just goes everywhere.

Fox Piacenti: yeah, I mean even just like having maybe one or two people from accident that go to these front-end conferences that happen where people get all excited and jazzed about s*** and then just have it on your radar.

Brian Smith: I mean by the time it makes it to a conference. It's who they've already moved on to the next thing right? you have to submit a proposal there. We're talking about things that go so fast that

Fox Piacenti: I don't know then I guess you could have a dedicated Twitter hype person.

Brian Smith: I mean I watch. Ed Theo's vids on YouTube and he does the dedicated Twitter reading for me.

Fox Piacenti: Just one of our libraries become the standard somewhere. We don't have to do it again. Can we get Paragon just out there and just make it eat stuff?

Fox Piacenti: Because if I turn around in Paragon is replaced by someone who's let's make an accessible thing. And then they had a Twitter Firestorm that just ate everything. I will be so mad but also relieved.

Brian Smith: I think in general people are kind of moving away from non domains specific design libraries with stuff like Shad cnui the ideas you kind of want control over the components that you're building at a level that bootstrap doesn't quite provide. So with Chad cnui the ideas. It's like

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Brian Smith: And it feels like that's kind of a direction that people are heading away from traditional Design Systems at least.

Fox Piacenti: I'm starting to see this weird resurrection of back-end rendering that's been happening, and I'm not sure...

Brian Smith: Yeah. react server component stuff is definitely a direction that things are heading as well...

Fox Piacenti: how I feel about it.

Fox Piacenti: stuff like that

Brian Smith: because there's something to be said about delivering more HTML instead of delivering a tiny bundle and having a bunch of calls. to have JavaScript hidden API and have that extra load time, but there are plenty of ways to Make the time to interactability. faster without necessarily Adding another server in between because at that point we would have the back end and...

Fox Piacenti: Yeah.

Brian Smith: then we'd have the front end back end and then we'd have the front end. So

David Joy: So it's interesting though This is effectively the footprint of this on an MFE.

Brian Smith: yeah, that is those incredible.

David Joy: That's basically it along with saying.

Fox Piacenti: anything incredible

David Joy: Hey, please Supply me these things like It just work and worked. on the shell there's a little extra code and stuff in the actual. I feel like take profile for instance. You basically say exposes profile page that component. more or less, pictures double in the details there a little bit...

Fox Piacenti: Does that mean Other libraries can import that component now.

David Joy: but

David Joy: So this is a call it a child or plug-in, MFE right call it domain one.

Fox Piacenti: Okay.

David Joy: It's just a thing that made up based on template application. It exposes page that it has that page is just a react component. This is the model module Federation plugin. It says hey, I don't want to bundle react track down repair on. and then in Shell

David Joy: This is the parent shelf thing. It's similarly has a webpack config. That just says hey, these are the things I share. My name is shell. and then Where in the Shell page this is just a page on that it says.

David Joy: Hey, I want to use this so I found some sample code that had this kind of helpful function. There's little page couple Pages worth of JavaScript behind it to dynamically load crap, but I want to load. This domain page from this place. It gets it. And just use a straight up normal suspense to wait for it and load it in. That's it.

David Joy: For it works.

Fox Piacenti: That's simple.

Brian Smith: Yeah.

David Joy: Yeah, I mean like this,...

David Joy: like I said, I'll go into this data utils thing you can see this is the actual stuff that makes it work. he's very component it's just loads that script that remote entry scripts waits for it to finish calls. React lazy on a component that it got out of there. And then returns it.

Fox Piacenti: I like us.

Brian Smith: So you header footer and platform is that also being shared from the show?

David Joy: So in front of platforms a little I mean you could do it we could do it. I don't think it's a problem the platforms a little more interesting because I think through our use cases here right if you're loading some plug-in and you wanted its logging to go somewhere else. Does it get its own front end platform in

order to send that off somewhere. Do you want it to have to share the config object with the shell or should have its own config based on its own, environment variables and stuff like It's not a problem so I could do it and basically what would happen is that the domain one the main one and a few would come in and just basically access all the front end platform stuff from the shell, and so if you didn't get config you'd see the shells, config and stuff which is not bad, but he probably also want a way to get additional stuff from the actual on a fee itself.

Brian Smith: Yeah. Yeah, I was more thinking if it's provided by the shell, then it can be consumed by the MFE and we can get config. That was actually the specific example.

David Joy: Yeah. Yeah,...

Brian Smith: I was thinking

David Joy: so if we go over and look good.

David Joy: Go back and look at our friend.

David Joy: Back over here and look at our child domain one friend. You go into here. This import of container from Paragon is happening through the Shell at runtime. it's actually getting that container from there. So if I did, import get config from front and platform and share that okay, it can get config function from the shell but I think what we might want to do is have

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David Joy: have some special function have a sub directory in front of platform called Plug-In or something like that. That does not get shared. Gonna be pretty small and that way and you use it to get your own. Config through that or something, so I think we'd have a small beachhead in front and platform that isn't shared and that way your own environment can take from that or something like that, and still see your own stuff or something. I figure that out.

Brian Smith: Yeah, it's as if it's already installed you it just yeah.

David Joy: Yeah.

David Joy: You mean the right getting it from edx platform that thing?

David Joy: Yeah. I think that's the future of our config.

Brian Smith: Yeah, that's worth diving into a...

David Joy: Yeah. Should probably come that way.

Brian Smith: I do think in general.

David Joy: the most part

Brian Smith: Being able to use around time config has been something that we've considered a release blocker for every MFE.

David Joy: Yeah.

Brian Smith: So anything...

David Joy: I mean

Brian Smith: where we're currently using environment variables switching over and saying no we need to rely on get config here. So that way people that are running this can actually do their configuration. without

Brian Smith: Yeah, yeah. all they're on yeah.

David Joy: Yeah, I think we have flexibility there. Yeah.

Brian Smith: Yeah, exactly.

Brian Smith: Yeah. but I can definitely see some things...

David Joy: And also I also expect that. This were all right something that I should just get a different tab.

Brian Smith: where you would want to configuration to be more of a

David Joy: But whatever this.

Brian Smith: this is build time for the plug-in MFE And it's not expected that people change this...

David Joy: Okay.

David Joy: I expect that these.

Brian Smith: but we still want to be able to technically and...

David Joy: Functions here should go become a part of front-end plugin framework.

Brian Smith: so then using git config would make a little bit less sense.

David Joy: and that somebody like...

Brian Smith: I can't think of a specific example of where that would make sense at the moment.

David Joy: if you're actually gonna use this as a module Federation plugin instead of an iframe Plugin or...

Brian Smith: But yeah.

David Joy: a whatever calling direct plugins,...

Brian Smith: Yeah.

David Joy: This is the thing behind some module Federation plug in some class. that actually makes it happen. Right? So I think this could probably lives over there.

David Joy: something

David Joy: fun fact that code was originally. based on module Federation then what got turned into an iframe thing and then got turned into it build time thing for this. if I think no, it's in a different repo. If you go find the original demo of that plug-in stuff this function is in there.

Brian Smith: Yeah.

David Joy: it's definitely but the reason I dumped it at the time was that.

Brian Smith: Yeah, that'd be cool. it is interesting seeing the existing?

David Joy: Getting the actual webpack configuration right was so fiddly and...

Brian Smith: plug-in work and...

David Joy: still I couldn't get the dumb thing to like.

Brian Smith: How that would tie in with all of...

Brian Smith: So yeah.

David Joy: I couldn't get it to share dependencies at...

David Joy: It just kept loading duplicates of stuff. I could not fill away from me figure out how to get it to stop doing it. It was really weird. I think it's all come a long way since then you're that. I'm just not dumb.

Fox Piacenti: Yep.

David Joy: That are asked them.

Brian Smith: We're going full circle here.

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David Joy: Yeah.

Fox Piacenti: At some point when you find yourself looking at webpack source code you're like,...

Brian Smith: Yeah.

Fox Piacenti: where did I go wrong? How did I end up here? Why am I doing this to myself? Should I go work I could become a woodcarver instead

David Joy: that was

David Joy: yeah. it's been me the last couple days

Brian Smith: man.

David Joy: just me attending this really doesn't backendum.

Brian Smith: Just debugging webpack configuration is never a straightforward as you want it to be it's always like ...

David Joy: I can shut up if everything's really.

Brian Smith: what extra thing do we have in here that's causing problems...

David Joy: talk through

Brian Smith: because it could be any of these lines at this point.

Fox Piacenti: Nothing else on my end.

David Joy: I mean before we marries marry yourself to something, speak now or forever hold your peace on things you really love and pirate all that art. Are represented here, Eden brought up. This more last night about sandboxing and inner app communication and stuff like that, which is the right things to think about.

Brian Smith: just want to say thanks for sharing. this is exciting news

Brian Smith: yeah, looking forward to seeing how it's

David Joy: right

David Joy: Yeah.

Fox Piacenti: Yeah.

Brian Smith: Yeah, I'm not sure nothing's coming to the top of my mind,...

David Joy: Yeah.

Fox Piacenti: Yeah, that's...

Brian Smith: but I think Doing another proof of concept that goes a little bit beyond...

Fox Piacenti: where I'm feeling right now as well. We had Hyrule something someone was hacking on pyro for Months and...

Brian Smith: what you've done that kind...

Fox Piacenti: a lot of bugs have gotten ironed out.

Brian Smith: Loads up and...

Fox Piacenti: And so I think...

Brian Smith: existing MFE one of the smaller ones in a shell and...

Fox Piacenti: if we're starting kind of from scratch here, we don't even know what problems are already solved.

Brian Smith: just trying to make sure authentication works and...

Fox Piacenti: I don't know if anyone else was really Aside from Pedro...

Brian Smith: getting config works and just all of these little bits and...

Fox Piacenti: who was actually working on the payroll stuff.

Brian Smith: pieces just to try to tease through any possible gotches is I feel like we're still at a point where there are some unknown unknowns and just trying to work through getting something a little bit more involved working using that architecture will help uncover some of those unknowns.

David Joy: but I think

Fox Piacenti: And those may be advantageous here anyway, because things needed to do.

David Joy: when I got a brain dump from Pedro when I started this, and one of the big things that started ...

Brian Smith: Moldova was definitely reviewing all this stuff and...

Fox Piacenti: If you leave by the way is he like not here anymore?

David Joy: he got a full-time,...

Brian Smith: I was also kind of looking through but I had more of a high level understanding of...

David Joy: he's contacting with exam. He got a full-time gig and just felt like he,...

Brian Smith: what was going on there.

David Joy: had run his course on being able to help.

Brian Smith: I wasn't digging into every PR, but I do think some of the things that were needed for pyro made it. Upstream so to speak they were more just like little fixes for mfes.

David Joy: I had a very real heart to heart and...

Fox Piacenti: Yeah.

Brian Smith: That made it in.

David Joy: agreed that he was finding this. He was cool to get out of it and

Brian Smith: Yeah, But nothing that was spiral specific made it in.

Fox Piacenti: Makes sense to me.

David Joy: was gonna say so one of the big things that stuck out to me,...

Brian Smith: It was just yeah.

David Joy: right is that the relationship between arrow is Very extensible but also kind of very opinionated about, setting up its apis between the pilots in the Shell, and so trying to figure out how that was gonna work with front and platform. A little feels a little daunting to me and...

Brian Smith: Yeah trying to do a contract on something big like this as well as work.

David Joy: that the direction Pedro is kind of going his like do we need to basically replace all the basically?

Brian Smith: Another full-time job is an easy path to burn out.

David Joy: Hide front and platform pyro behind the shell and then expose stuff through the Pyro API and which case all am of these need to change all of their front end platform Imports to get stuff from partly.

Brian Smith: Yeah.

David Joy: You can figure out how that should work and it was a lot,

Fox Piacenti: Yeah, I'm always suspicious when you had to rewrite all of a big section of the infrastructure code because you're like this is a commitment.

David Joy: Yeah, sort of. if I put that together, yeah that there's a big commitment of volunteer and the need to kind of create dependencies between the shell and the thing that your Dev environment now runs through the shell but in your MFE and then the stuff Kyle talked about the other day about this thing. it's not super adopted,...

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Fox Piacenti: Yeah.

David Joy: just like you put it all together and just kind of get a little nervous actually a lot nerds.

Fox Piacenti: yeah, I think that's an intuition you develop over several years of doing this of seems a bit much that just kind of Pulls at you.

David Joy: .

Brian Smith: Yeah.

Fox Piacenti: It makes you say is there any other option?

David Joy: this a less opinionated,

David Joy: Only check this out. Good.

Fox Piacenti: Yeah. I think there's still value in having had that example to kind of guide our thoughts.

Brian Smith: yeah, absolutely and Yeah, but I think that by trying to build stuff out using pyro,...

David Joy: Yeah. to be clear this little variables right here that's in service. just hard coded into this file...

Brian Smith: we were able to see some of the opinions that they had were good.

David Joy: if you think about right that's this ...

Brian Smith: And so we're still going forward with the opinions of theirs that we like it's...

David Joy: you're some apps your plugins are located here. And this is its name and...

Brian Smith: because what you're showing off the architecture seems very similar to the previous spiral based shell stuff,...

David Joy: all the stuff needs to be dynamically loaded into the shell from somewhere else,...

Fox Piacenti: Yeah when it's a kind of manifest.

David Joy: and that's what the feed service was doing for pirate,...

Brian Smith: but just simplified in a few ways and...

David Joy:

Brian Smith: directly modulation.

David Joy: I mean frankly, I think it's one of my problems one of my hangups also is that I feel like we already have parallel things to a lot of what pyrol had so for we already have the runtime MFE config.

Brian Smith: Yeah, I know how to think about this because I know...

David Joy: That is our feed service.

Brian Smith: how we were doing it with pyro and...

David Joy: right, like we're gonna put ...

Brian Smith: Yeah.

David Joy: I can't imagine why we wouldn't probably just put this stuff the configuration for your shell coming from the runtime, config service and...

Brian Smith: Yeah.

David Joy: that will drive what MVPs and stuff get loaded in your thing, like What simpler pretty reasonable way for this to go?

Brian Smith: and so we could expose that in some other way and

Brian Smith: Yeah.

David Joy: Has an authentication Library.

Brian Smith: Yeah.

David Joy: It's like we're not sorry Network No, but our authentication libraries, which I don't think that's gonna have

Brian Smith: exactly Yeah, absolutely. It's cool looking at the parallels. And this is a cool thing that pyro does but in order for us to use that we would have to rethink how we do things as opposed to. there's a cool thing that pyro does how can we replicate that using what we already have and...

David Joy: Yeah.

Brian Smith: so yeah.

David Joy:

Brian Smith: no, we've got that

Brian Smith: Yeah, yeah anything where it's let's move everything to how pyro is doing it as a pose to okay, this is something that pyro does that we do want but we already have ways that do most of this. How can we adopt some of that? Back, and I know when Adolfo is back next week. He'll be excited to watch this recording and...

David Joy: I'm here tomorrow is the out tomorrow.

Brian Smith: Yeah. It does feel very cool to be able To do something like I think he's out tomorrow. That's why I was confused about the 29th as well.

David Joy: Yeah.

Brian Smith: the feed service based on stuff. We already have without rewriting everything. I was like did Adolfo move it because he's gonna be there that I checked his out of office notification...

David Joy: that's what

Brian Smith: We have to support the Pyro feed service. So yeah. It's very cool. notification and it was still out through the entire week. So yeah.

David Joy: yeah, so hook holes in this idea because we're gonna yes, but I think I need to go.

Brian Smith: yeah, we're Got 10 minutes left Okay. thank if we want to keep talking,...

Fox Piacenti: Yeah. Yes.

Brian Smith:

Brian Smith: but thank you so much for presenting.

Brian Smith:

Brian Smith: yeah, you can follow up on Slack. this is...

Brian Smith:

Fox Piacenti: Thank you.

Brian Smith:

Brian Smith: Thanks for a great meeting everybody.

Fox Piacenti: All Thank you. Bye.

Chintan Joshi: things all you

Brian Smith: Yeah, but

Meeting ended after 00:39:42 🙌