

## 💻 omigroup / omigroup

Public

Code

Issues 38

Pull requests

Discussions

Projects 2

...

# 07/13/22 Weekly Meeting 64 Agenda - Portals interop day #253

**mrmetaverse** started this conversation in **Weekly Meetings**

**mrmetaverse** on Jul 13, 2022

Maintainer

edited ▾

Weekly Meeting 64 is happening on Wednesday July 13th, 2022 from 9:00 AM PST(16:00 UTC) - 10:00 AM PST (17:00 UTC)

You can add it to your calendar [here](#).

We'll be meeting again in the omi-weekly-meeting channel of the [AngellXR/OMI Discord](#).

We regularly use the #omi-meeting-chat channel for text chat.

## Who we are and why we're here:

The Open Metaverse Interoperability Group (OMI) is focused on bridging virtual worlds by designing and promoting protocols for identity, social graphs, inventory, and more. Our members include businesses and individuals working towards this common goal.

If you're an observer or here for the first time, this is a meeting where people who work on the OMI group initiatives discuss updates and contribution opportunities for current projects and goals. This is your chance to jump in and help!

We welcome you to introduce yourself in #omi-meeting-chat as we dive into the agenda items. There will be an open floor in the last 15 minutes of the meeting (agenda permitting) where we can discuss any items you feel are relevant to the current or near future OMI goals.

## Agenda

- Volunteer to take notes? Volunteer to record?
- Welcome newcomers
- last week we have 4 volunteers as potential delegates to the MSF. Let's check in on a plan for them to a. submit OMI to MSF, and b. how they will manage the delgate roles (checking email, passing along information, attending MSF meetings as OMI rep, etc.)
- Reminder: our next official demo day occurring during our Wednesday meeting on July 27th
- Recently we decided to take a fresh new approach to Wednesday meetings. More demos, more discussion, more exploration around weekly theme. Our theme for this week: portals. Please feel free to chime in with any portals demos or topics you would like to discuss!

## Working Group Updates:

- OMI Website update
- Scripting group
  - OMI developer hour
- glTF Extensions Group
  - Progress on OMI\_ref and authoring extensions
- Media Group
- any others?

## Discussions:

**Upcoming Wednesday Calendar themes :**  (continued in the [omigroup/media repo](#))

- Last week we discussed `avatar interop`, this week - `Portals` : How should they work? What have you experimented with? What has your company been doing lately for portals? Codefrau (Croquet) said "happy to do a deep-dive into the portals I built". (July 13, 2022)



## Future

- `Homespaces` What could interoperable homespace templating look like? Jin suggested doing workshops, and discussions on VTubing, and more. (July 20, 2022)
- OMI DEMO DAY `open Metaverse` (July 27, 2022)
- `content portability` (August 3, 2022)
- `OMI-audio-emitter` exploration and demo
- `OMI-collider` exploration and demo

**recording**  2 1**5 comments · 1 reply****Oldest****Newest****Top****mrmetaverse** on Jul 13, 2022**Maintainer****Author**

## MSF Delegate

-  [MSF Delegate](#) #250
- Can we set a meeting in the next week to discuss the delegate role(s) and submit OMI.

 1

1 reply

**mrmetaverse** on Jul 13, 2022**Maintainer****Author**

- I will submit OMI to MSF
- Volunteers will find a time to meet
- set a [msf-delegate@omigroup.org](mailto:msf-delegate@omigroup.org)

**mrmetaverse** on Jul 13, 2022**Maintainer****Author**

## July 27th, 2022

- Livecasting a OMI Demo day
- will be broadly `open metaverse` themed
- Evo to open up the form when not on mobile **share link here ex-post-facto**

 1

0 replies

**mrmetaverse** on Jul 13, 2022**Maintainer****Author**

edited ▾

## Working groups

- scripting:
  - the every other week of half-hour check-ins seem to be working
  - dev hour has been really successful

- We will meet next week to discuss: [\(✓\) Looking inward - next steps for and/or decoupling scripting group and developer HH](#) omi-scripting-group#31

- media:
  - focused on getting the word out about what our community is working on
  - keep using the new tweetshift tool to share your updates (use the hashtags!)
  - blocker: [\(✓\) 2022-07-12 WG Updates](#) media#44 - revisit onepassword
  - Shirley will experience some availability constraints in the next few months, due to projects launching.
  - Twitter has a brand new feature where you can tweet *with* other people.
  - want to get our youtube ready to roll, so it is ready for livecast to twitch and youtube in time for our 7/27 demo day
- gLTF:
  - pushing through a lot of physics stuff now
  - open questions about physics materials and how the rigid body stuff will integrate with things
  - working on dividing up the three major parts of the initial work on the physics work: colliders, physics materials, rigid bodies (among other constraints)
    - carving off pieces at a time
    - specifying rigidly how we could find common ground between the different physics engines (can't be perfect but want to be close)
  - audio is rolling
    - pushing gltf transform
    - plan on updating the khronos repo (we submitted a PR before)

↑ 1

0 replies



mrmetaverse on Jul 13, 2022

Maintainer

Author

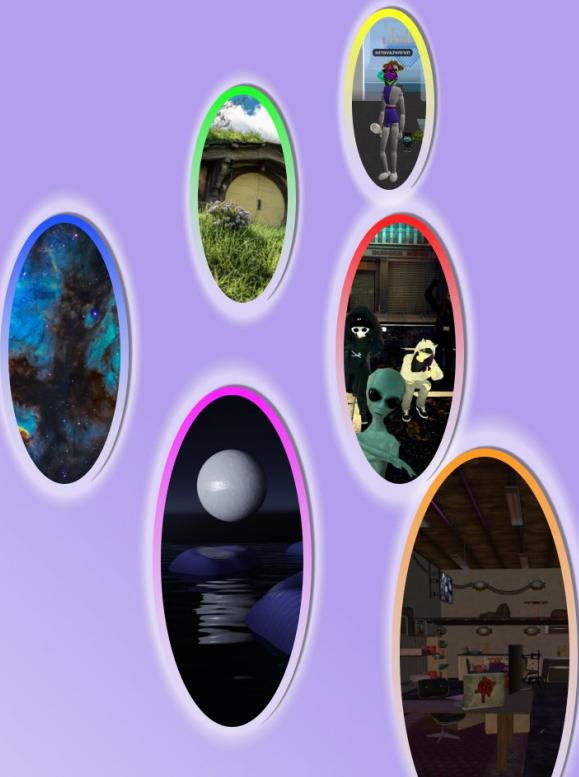
edited ▾

## DEMOs - portals day <3

# Portal Interoperability

July 13, 2022 @ 16:00 UTC

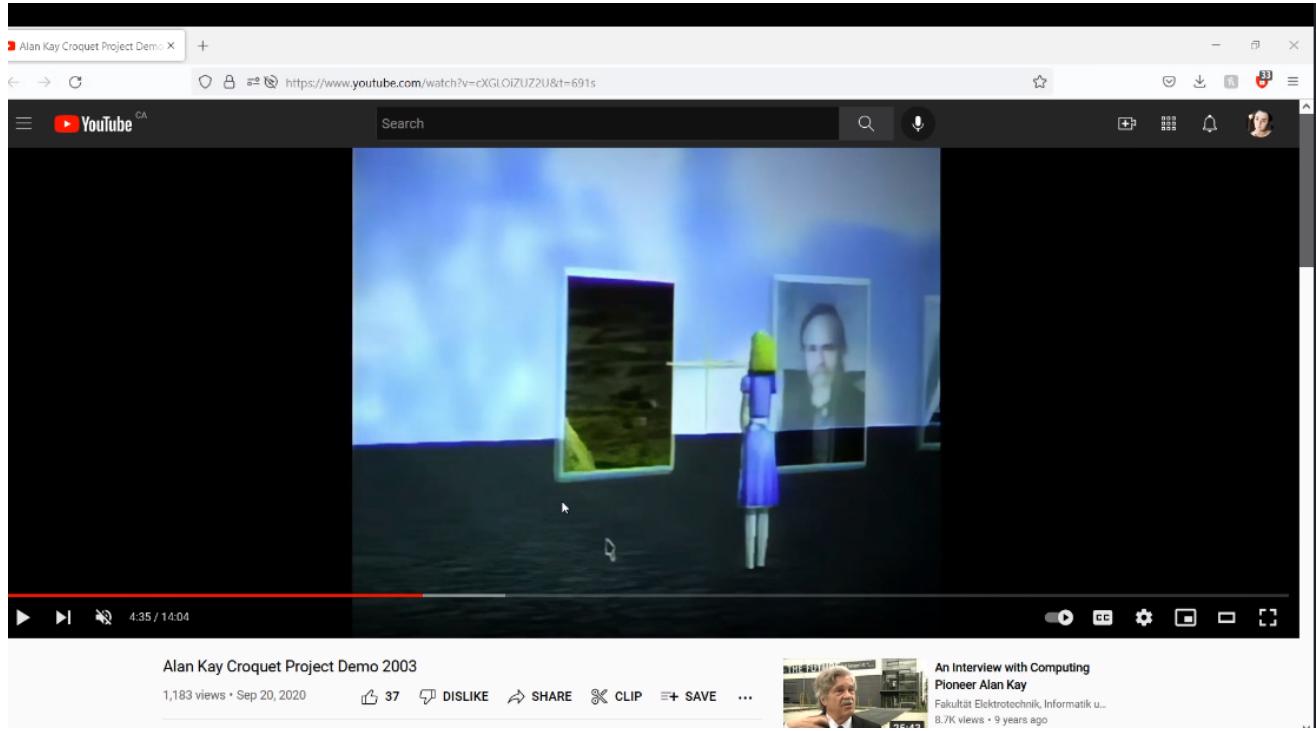
Exploring, and sharing our practices, and discoveries related to Portal Interoperability across the Metaverse. Are you working on something related? Join us Wednesday!



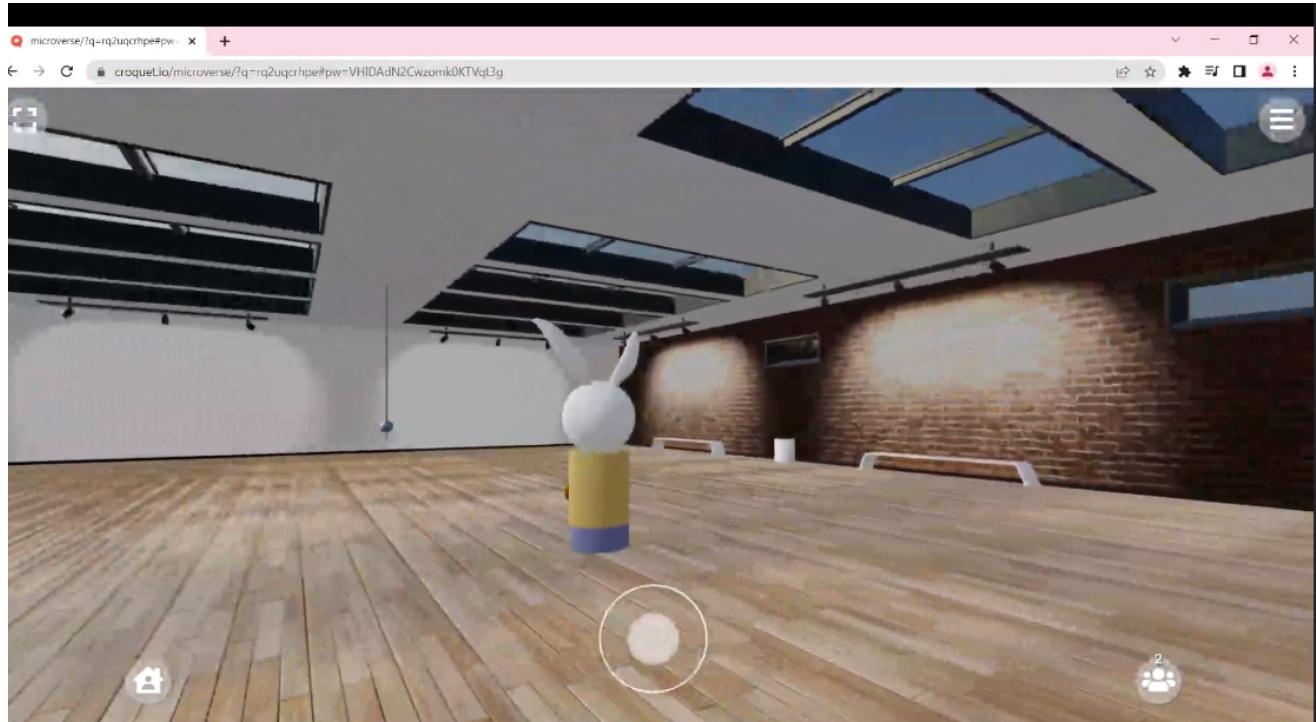
## Codefrau of Croquet

- croquet is a pretty old idea, CodeFrau worked on it in the early 2000s. There is an early video from 2003 showcasing a croquet portal.

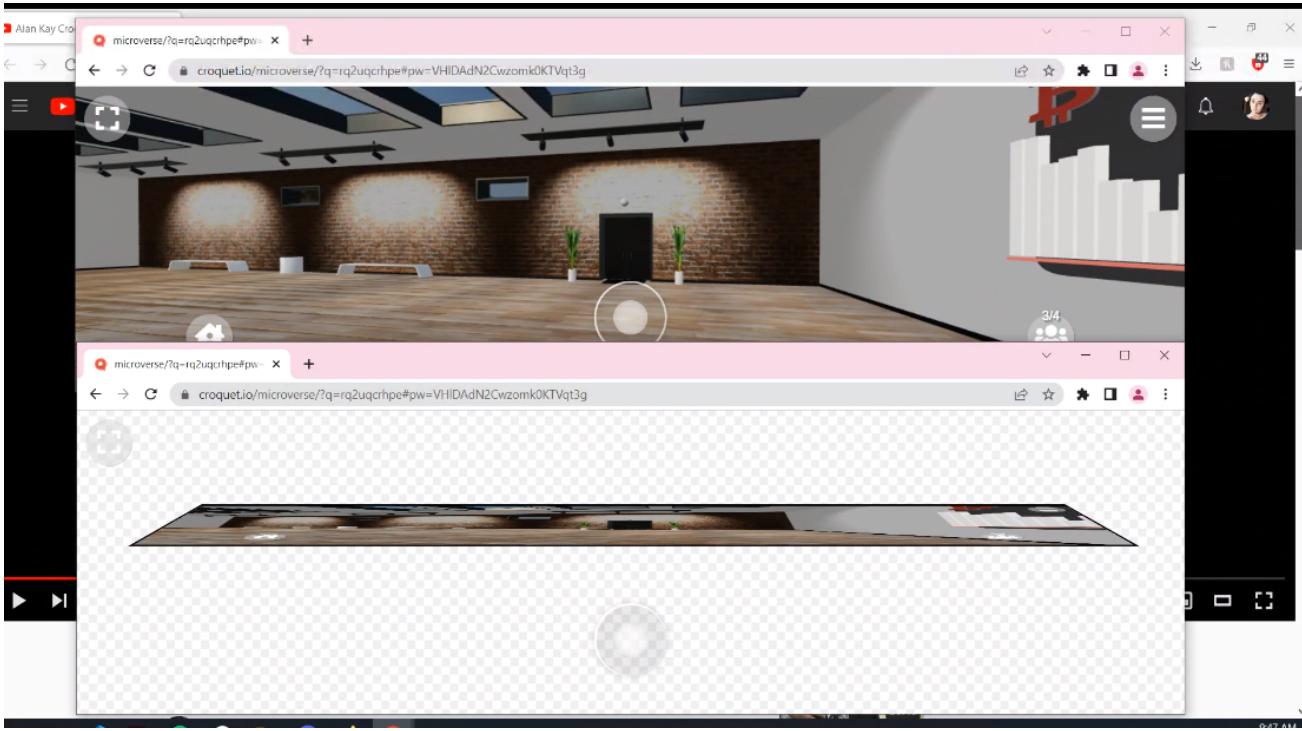




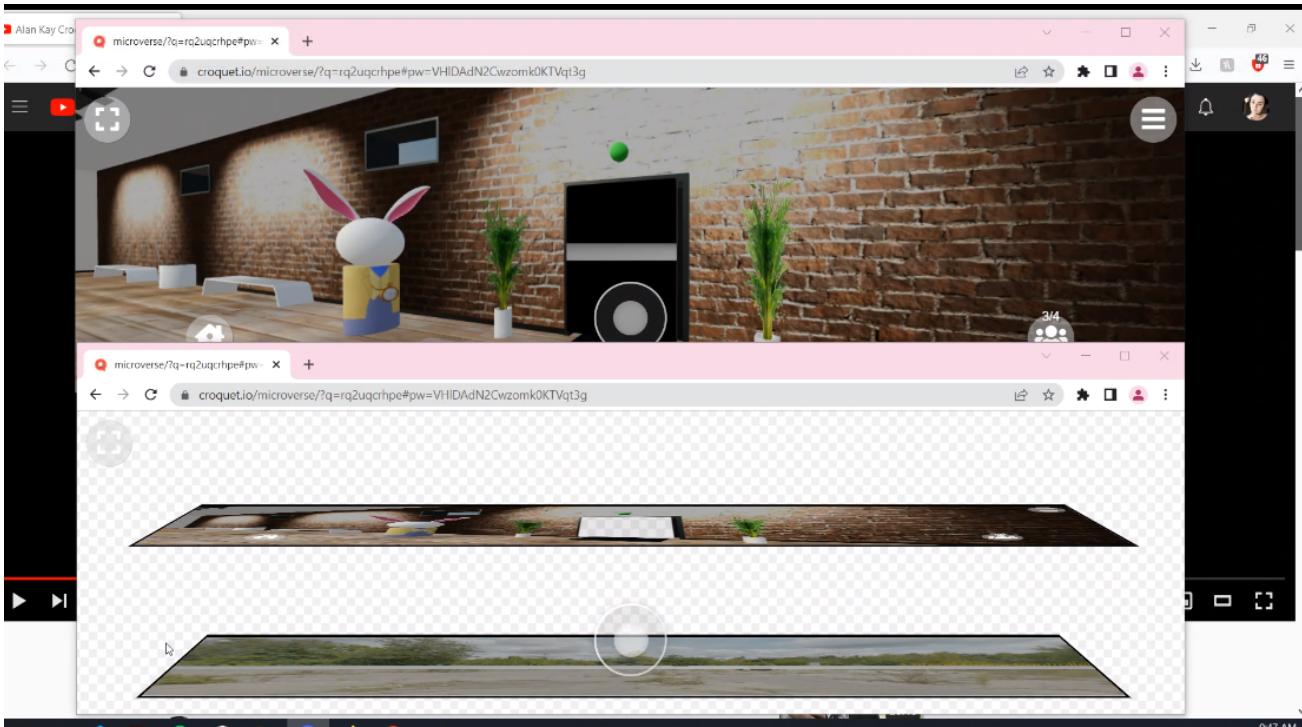
- Portals are even older than that! Croquet's CEO actually began working on portals in the 1980s with a product where you could connect rooms with portals.



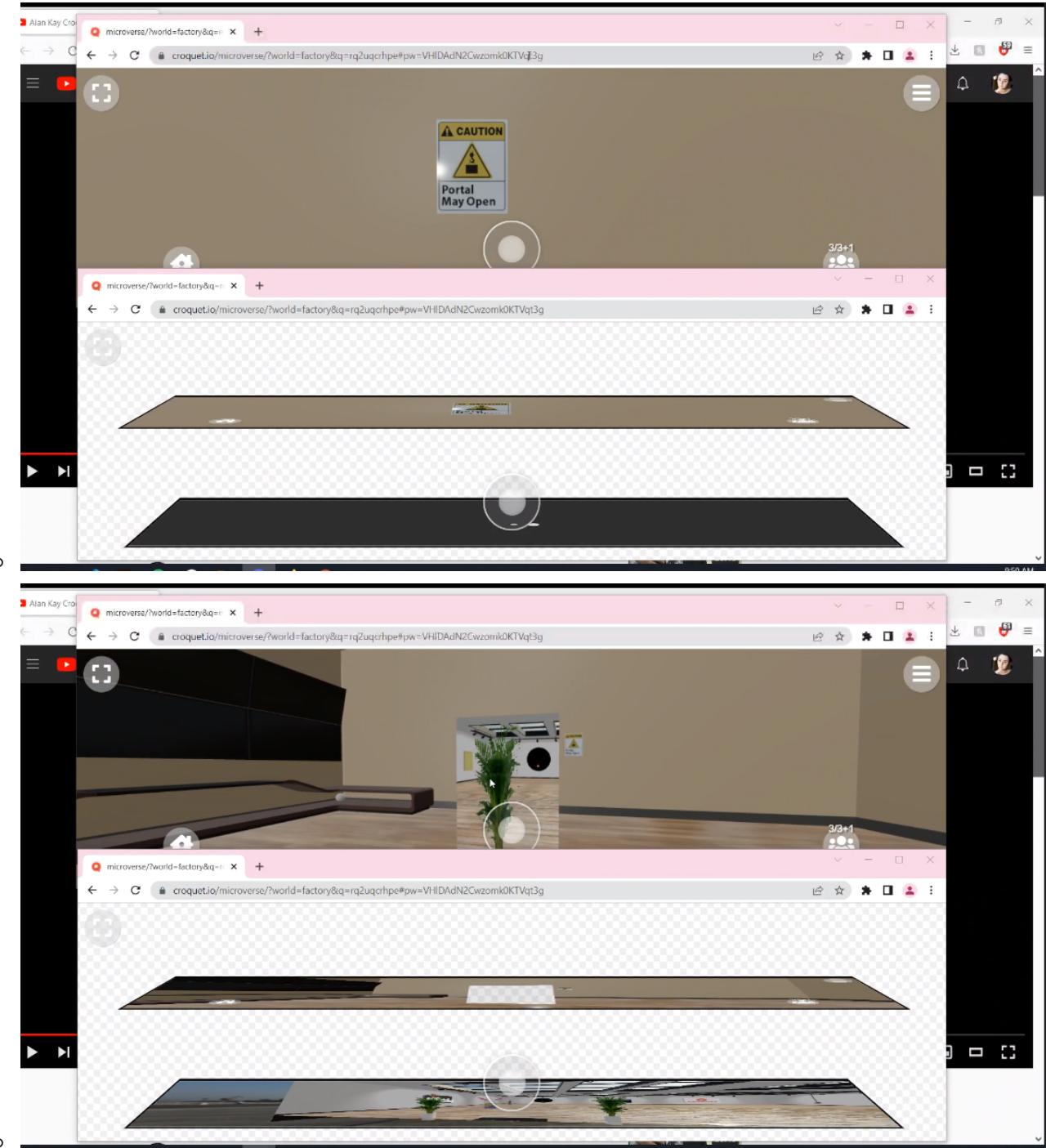
- All of Croquet Microverses are occurring in an iframe



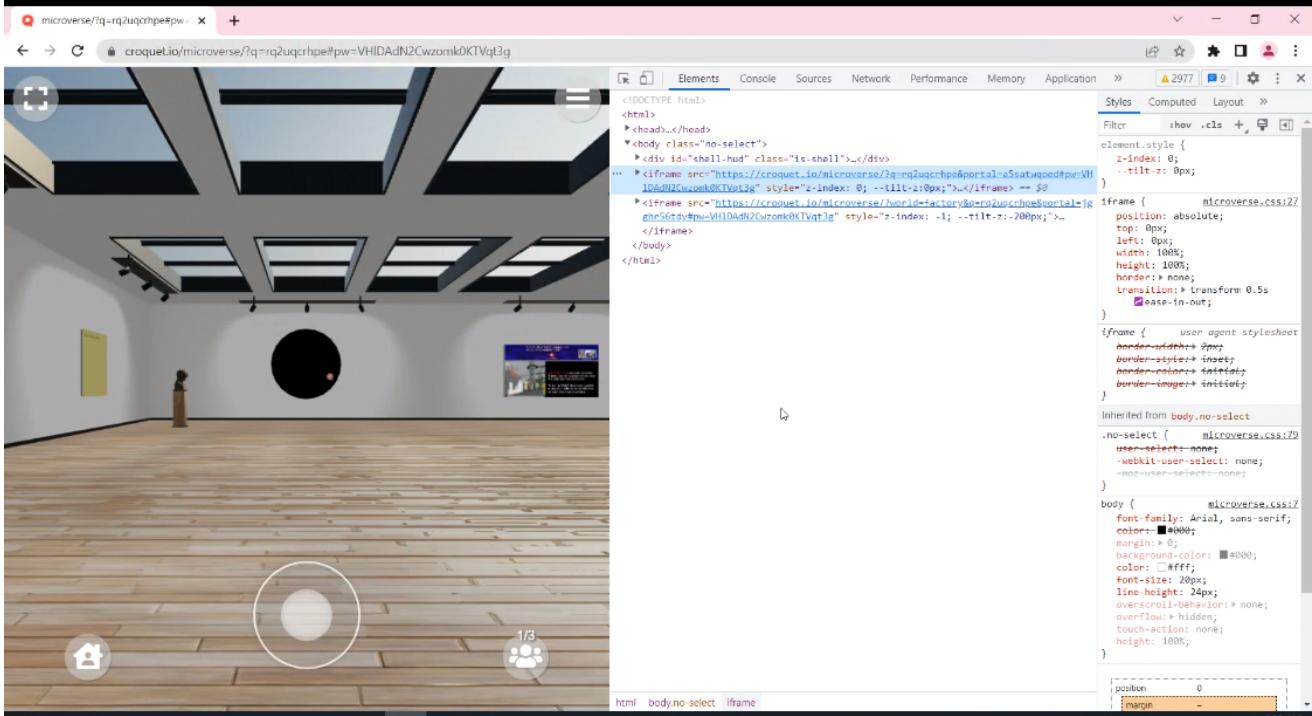
- when we create a portal, a second World is loaded (even if on another server):



- you can open up portals from inside other Worlds as well

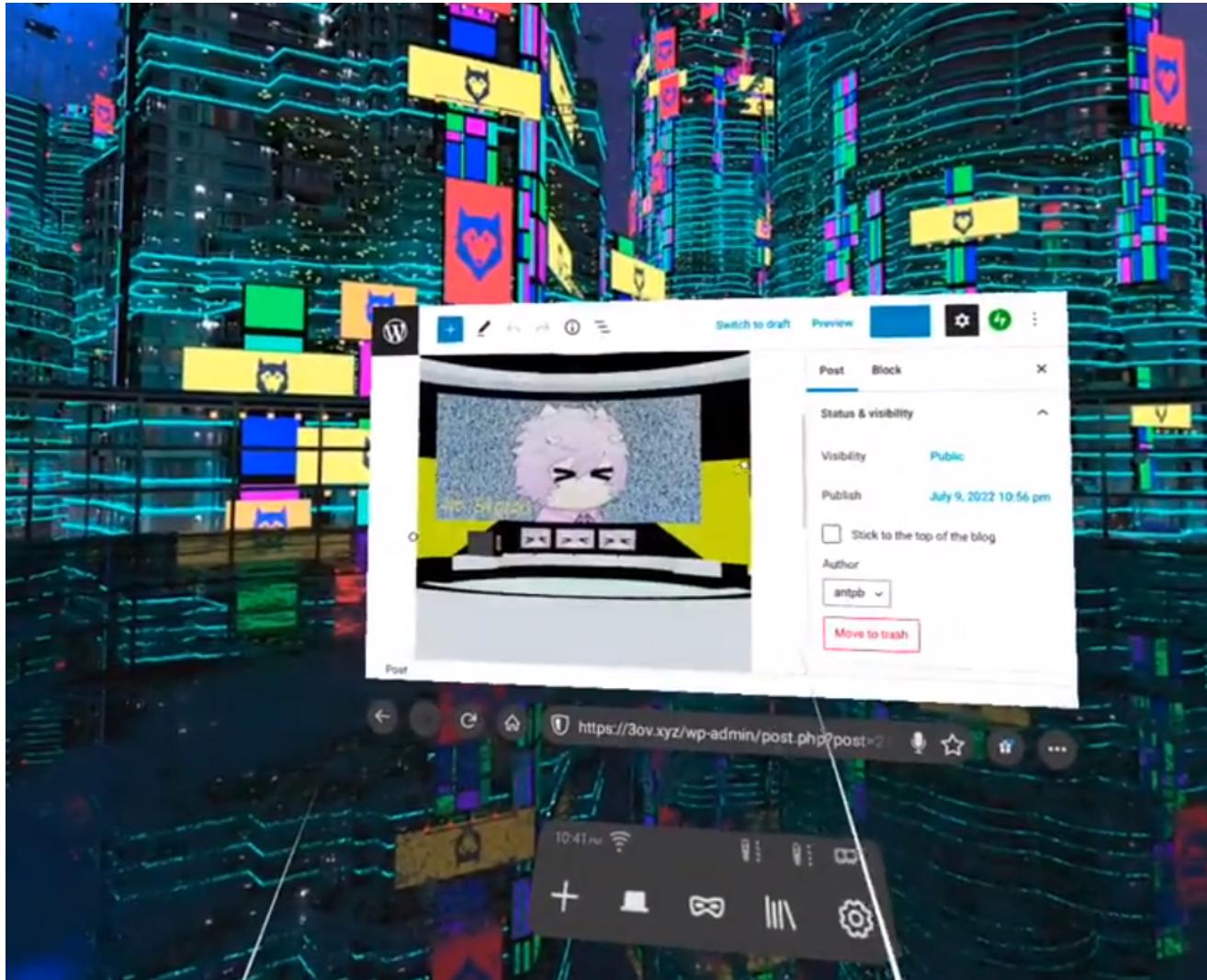


- end-to-end encrypted, running on local devices, independent. Server doesn't even know this is a 3D environment. Croquet synchronizes communication of client devices running locally. Each client gets the same event stream from the server, affording us the ability to fully encrypt the Worlds without loss of UX.
- This is interesting for portals because it allows us to have avatars look the same even after stepping through a portal.
- Locally when I walk through the portal my avatar is just an object (we call them cards), I send my card to the meta-shell, the shell sends that card definition to the new world we are entering, all without a central server being involved!
- check it out [here](#)



## MrMetaverse shared a tweet from antpb

- "a post is a place"
- check out [the tweet here](#)







## Jin reminded us of exokit

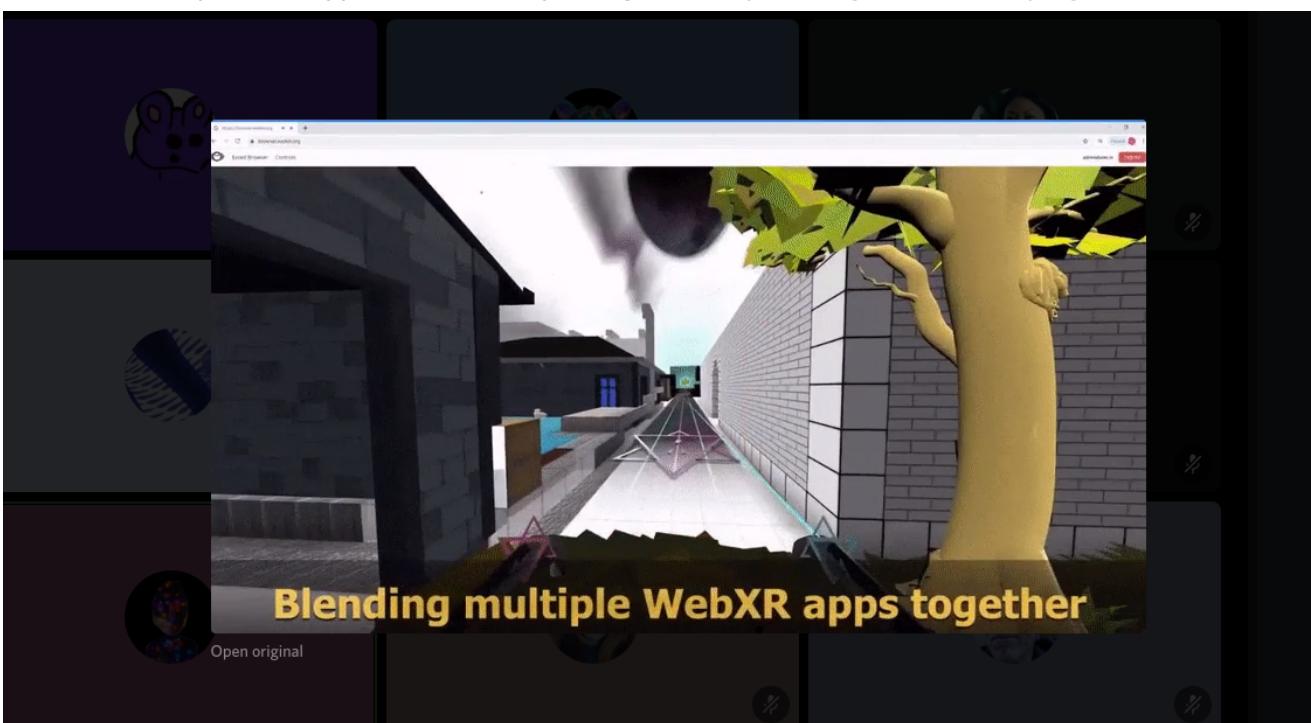
- <https://www.youtube.com/watch?v=COhmahoC2Mg>

```
<xr-site>
  <xr-iframe src="https://rawcdn.githack.com/exokitxr/webxr-
samples/8a13dcbb22fa52feadfab7b7f41f85bdb3601a3f/xr-presentation.html"
position="2.6754460172286576 0.0892455934994261 -0.5470177671208631"></xr-iframe>
  <xr-model src="https://avatar-models.exokit.org/model.glb" position="-2.957897796173619
0.13187035457377927 -0.578986337926628" orientation="0.24798377781335154 0.7963943803321427
-0.16399184566534317 0.5266561605754507"></xr-model>
</xr-site>
```

- hasn't been updated in 3 years but still works and exists!
- webaverse is the spiritual successor



- Open original
- mozilla hubs supercraft cryptovoxels overlayed together <https://i.imgur.com/BioDqcz.gif>



- two different webxr apps overlayed with each other, one babylon and one aframe
- VR mode works
- <https://docs.exokit.org/development-guide/xr-iframe-overview/>
- <https://github.com/exokitxr/exokit-web>

## next week: homespaces

↑ 1

0 replies



mrmetaverse on Jul 13, 2022

Maintainer

Author

edited ▾

## Today's recording

 1

0 replies

### Category



Weekly Meetings

### Labels

Maintain sustainabl...

### 1 participant

