

Name: mcp-406-cswg-workshop-debrief-mit-decentralized-ai-roundtable

Title: Debrief MIT Decentralized AI Roundtable

Status: Draft -- anyone can edit.

See the [MCP index](#) to create or find documents, or [mcp-0-readme](#) for an overview.

The headers above are machine-readable; please preserve format.

Text check ins Dec 10, 2024

- Steve
 - A bit scatter-brained today due to workload; Joyce and Jessica both out
 - Running on 5.5 hours of sleep myself
- JJ.
 - Wrote a small go program to anonymize data in a database.
 - <https://github.com/computerscienceiscool/anonymizer>
 - Attended the big open source GDG/PyLadies Christmas event and I won the ugly hat contest!
 - <https://www.meetup.com/bellevue-gdg/events/299609182>
 - Passed the first practice CIPP US test(Privacy) this weekend!
 - Still studying
 - Met with an old msft friend about ml/ai last night.
 - EU AI.... meeting with a couple of friends, over coffee, this weekend to discuss.
 - Tonight Seattle AI, Data and Security networking event:
<https://www.meetup.com/big-data-ai-seattle/events/304395575/>
 - Began re-connecting with people in BTV

Text Check In Dec 17, 2024

- Steve
 - low energy, parenting needs a manual, etc.
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- JJ
 - The EU AI Act: How Will It Affect Your Business? DataCamp
 - This was a good talk, but an overview. I think they had it to sell their classes, by the way, I like their classes.
 - Moved kid from college. 4 day ordeal, but it went great....
 - Youngest child started school today!!!
 - More practice tests for Privacy exam, but I do not have the scores where I want them.
 - AI, Sec, Data networking event:
[https://www.meetup.com/big-data-ai-seattle/events/304395575/?eventOrigin=home_page_upcoming_events\\$inPerson](https://www.meetup.com/big-data-ai-seattle/events/304395575/?eventOrigin=home_page_upcoming_events$inPerson) The event was heavily focused on

increasing reach to the groups own channels. I think the groups like to have as many connections on different platforms.

Engage- O

First 15 will get T-shirts | Draw will be done at 6:45pm

Follow us on Linked-In	Discover a Shared Hobby with 5 Attendees	Visit the Job Booth!
Find someone who has worked on Data/AI	Take a Group Photo with 3 Attendees & Tag @Padma Ayala, @Seattle Data, AI & Security	Join our Slack Community
Introduce Yourself to 3 New People & Connect with them on Linked-IN	Exchange Career Advice with Someone	Join Our Meetup Group

- Thinking about taking a Patents for Scientists and Engineers course at my local community college in Jan:
<https://www.campusce.net/bc/course/course.aspx?C=16390&pc=1814&mc=0&sc=0>
 -
- Donaldo
 - Steve and I built an MVP for the Grokker extension VSCode!
 - Goal to try to develop something with Grokker (maayyybe in Go)
 - Next week I'm driving to visit family til New Year
 - Apartment cleanup, errands
 - 3D print gifts
- Richard
 - I have a pair of desert contractors now working on drywall as I watch through the webcams
 - Sort of ready to do the LMS thing such as it is, will be a work in progress of course
- Rebecca
 - My travel has been a mix of productive and frustrating. Wasn't able to get some important stuff done until the deadline of my leaving pushed people to work with me on things

Plan lineup for following weeks

- (Steve set up gcal/discord hooks):
- 17 Dec: debrief Decentralize AI Roundtable presentations
 - Rebecca out at least the first half on the 17th
- 24 Dec: xmas eve, **no meeting**
- 31 Dec: New Year's eve, **no meeting**
- 07 Jan: Steve: grid-poc code

- ratify hooks/docs for adding project(s) to MIT sandbox
 - decide how we'll reach out to Ramesh
 - possible model: "push/pull-less git"
 - decision to be made: is PG blob storage in git, or is PG blob storage in something else, and we interoperate with git?
- 14 Jan: JJ: Interfaces in Go, mocking, etc.
- 21 Jan: Steve: tentative: blue sky and the AT protocol
 - <https://bsky.app/profile/stevegt.infrastructures.org>
 - Possibly useful article <https://anderegg.ca/2024/11/15/maybe-bluesky-has-won>
 - Increased popularity of BlueSky is raising the awareness of the importance and utility of open source decentralized protocols
- TBD: Richard: LMS demo
 - Backup plan: debrief Decentralize AI Roundtable presentations
- TBD: Donaldo: Blockchain Basics

Dec 10, 2024 Debrief MIT Decentralize AI Roundtable

- Do we push this until next week? (Yes)
 - Basically just move everything back a week
 - That gives Steve more time to work on code over the holidays after Joyce is back
- Looks like MIT doesn't resume classes until 03 Feb 2025
 - <https://registrar.mit.edu/calendar>
 - That should give us time until the next roundtable or WG meetings.
- Pushing until next week

Dec 17, 2024 Debrief MIT Decentralize AI Roundtable

- **Notes during the event:**
 - [mcp-405-cswg-workshop-mit-decentralized-ai-roundtable-4](#)
- Looks like MIT doesn't resume classes until 03 Feb 2025
 - <https://registrar.mit.edu/calendar>
 - That should give us time until the next roundtable or WG meetings.
- Discord management
 - Do we create private channels? Moderate access?
 - For now frame message with assumptions that people might drop in
- Roundtable was kickoff with a presentation by Jeff Schiller - IETF & history
 - Grounding on getting serious standards & practices
 - RFC process
- Three working groups (for now)
 - Privacy
 - Orchestration & Infrastructure
 - Agent

- Issues
 - Concerns on how these groups will avoid conflicts of interest & in-fighting, especially when made up by Startups & Companies possibly fundraising venture capital
 - In these conversations decentralized and block-chain is virtually synonymous
 - Unclear what falls under Orchestration for this group, it can be subjective
- It'd be wise to read up more on blockchain even if PG is not based in it, in order to have productive conversations
 - Added Donaldo Blockchain research/presentation TBD
- One *possible* use of a blockchain ledger *might* be in hash => data_block retrieval, basically a data market
 - only works if we assume collision-free hashes
 - blockchain not needed if we already have personal currencies
 - hypergraph needed if we assume collisions are possible (they are, just improbable)
 - hypergraph of history (multiple possible branches) != blockchain history record (there can be only one branch)
- Research papers
 - On 07 Jan we'll talk about what we want to list in the MIT sandbox doc
- Orchestration
 - this term may have come from old config management/devops thinking, where "orchestrating" large numbers of hosts, containers, etc. is a thing
 - the use of "orchestration" tends to historically assume that you own or control all the assets and can stand on front of them like a conductor and "orchestrate" their behavior
 - distributed, not decentralized
 - Donaldo: I think why this term is also gaining popularity in agentic 'orchestration'
 - this *might* make sense if we think of temporarily harnessing available agents for a centrally-coordinated project or effort
 - If you want to coordinate work to get done, you need enough details on how it gets done
 - Complex problems don't have that info at the start of the project, requires exploration & iteration
 - Solving complex tasks requires delegation, allowing the 'economy' to do its job rather than coordinating every detail
 - Steve: "Odd" that they see a split between data, compute, and orchestration
 - these are only three different things if you don't have a decentralized computer that does all three natively
 - splitting them out is roughly like talking about disk, CPU, and kernel, so kind of makes sense from that perspective, but not sure that's the intent in the way it's split

- Protocols are a product, not a mandate, they will be an outcome of standards put in to practice and people adopting and aggregating on what works

After

- Rebecca mentions platform day trading
 - Steve: This is an old model, 'prop shop?'
 - We're using tools we have now to do the things we used to do, just faster
 - We still haven't broken away from old processes
- Its funny to see yet another loose knit group of 'makers' grappling the need to develop standards and practices
 - Richard: https://en.wikipedia.org/wiki/Parliament_of_Whores
 - https://en.wikipedia.org/wiki/Luca_Pacioli
 - Documented ancient double-entry bookkeeping in Venice
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