**** js-**lib**p2p Open Maintainers Call

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# Oct 15, 2024

**Attendees**

* @dhuseby
* Wemeetagain
* @HarshS1611
* @acul71
* Hayen (Orbitdb)

## Agenda

* New business
  + libp2p Day update
    - November 12th in Bangkok
    - Event page this week
    - Call for speakers here: <https://forms.gle/XMYsktXYmZJDmbrn9>
    - Grant applications for scholarship grants this week
    - Ticket prices: Free, $100, $500, $1000… all money to help with scholarships to attend
* Old business

## Notes

* [Dave Grantham](mailto:dave.grantham@libp2p.io)to talk to @achingbrain about the workshop for Bangkok. The day has been confirmed and the schedule has plenty of room for a workshop.

# Oct 1, 2024

**Attendees**

* @dhuseby
* @wemeetagain
* @2color
* @sgtpooki

## Agenda

* libp2p Day update
* What outputs came from the in-person get together in France?
  + Can we turn this into a js-libp2p roadmap blog post?

## Notes

* What outputs came from the in-person get together in France?
  + Share.ipfs.io ,js bootstrapper, educational content
  + Can we turn this into a js-libp2p roadmap blog post?
* Discuss the current state of share.ipfs.io
* Problem connecting <https://github.com/libp2p/go-libp2p/pull/2989>
* <https://github.com/libp2p/js-libp2p/issues/2007>
* https://github.com/libp2p/js-libp2p/pull/2541
* @dhuseby
  + libp2p Day @ Bangkok 2024
    - Co-lo with Threshold Summit (Randamu/Drand/League of Entropy)
    - November 12th, 2024
    - libp2p Day grant application is in final review stages…can’t sign the venue until approved
    - Sign up for speakers here: <https://forms.gle/XMYsktXYmZJDmbrn9>

# Sep 24, 2024

**Attendees**

* @dhuseby
* @2color
* @maschad
* @cayman
* @sgpooki
* Nikolaos Siafakas
* @dozyio

## Agenda

* Recap from JS Hack Week
* Nikolaos tells us about his use of go-libp2p in explorer.neuron.world
* Chad update on WebTransport
* QUIC work by Cayman
* Updates on encrypted blockstore (Doyzio)
* Boostrapper A/B testing discussion

# Sep 17, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* @dhuseby
* @2color
* @chad
* @cayma

## Agenda

* Old business
  + libp2p Day
    - Storacha? Alan’s contact info?
    - Polygon hooked us up with DeFi Security Summit
      * We have a room all day but it is on November 7th and everybody will have to buy a $100 ticket to attend DeFi Security Summit to get into libp2p Day
* New business

## Notes

## Action Items

# Sep 10, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* ~~@dhuseby~~
* @2color
* @kentbull
* Sc
* @achingbrain

## Agenda

* Old business
  + @achingbrain 2.0 release update
  + Js-libp2p meetup grant application: [OIF Grant Application - libp2p Core Cell - js-libp2p IRL Meetup](https://docs.google.com/document/d/134y9xH4UGxw0p6kvSELtElmumwzo-3i_SSdeP1qs5eg/edit?usp=sharing)
    - It looks like this will be approved. I’m getting the final answer ASAP.
  + @sgtpooki
    - JS bootstrapper status?
    - I wrote up a grant application for bootstrap.farm: [OIF Grant Application - libp2p Core Cell - bootstrap.farm](https://docs.google.com/document/d/1AKG4uNUF39sWNA3bU4gziC0QKdKNLAcOA9AxvS81fCc/edit?usp=sharing)
      * Conclusion was to start small with a couple bootstrappers we run as secondary bootstrappers providing circuit relaying
      * Conclusion: “Do it with $50 and expense it and see if it works, then come back for more money”
  + libp2p Day @ Devcon update
    - We won’t have a standalone event due to budget constraints
    - I’m looking for a colocation
      * I have talked to Polygon and they had some options
      * It looks like we may be during the security summit just before Devcon: <https://www.eventbrite.com/e/defi-security-summit-2024-devcon-tickets-895458910707>
        + I think it makes more sense anyway considering our protocol work and security relevance
      * Anybody else know of groups holding events where we might be able to get colocation space?
        + Filecoin? <https://www.fildev.io/FDS-5>
* New business

## Notes

## Action Items

# Sep 3, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* @dhuseby
* @2color
* @achingbrain
* @wemeetagain
* @maschad

## Agenda

* Old business
  + Js-libp2p meetup grant application: [OIF Grant Application - libp2p Core Cell - js-libp2p IRL Meetup](https://docs.google.com/document/d/134y9xH4UGxw0p6kvSELtElmumwzo-3i_SSdeP1qs5eg/edit?usp=sharing)
  + @sgtpooki
    - JS bootstrapper status?
* New business

## Notes

* @achingbrain 2.0 release is imminent
  + Pending review at the moment
* @wemeetagain QUIC update
  + https://github.com/ChainSafe/js-libp2p-quic

## Action Items

* @achingbrain requesting reviews on a few PR’s outstanding
  + <https://github.com/libp2p/js-libp2p/pull/2660>

# Aug 27, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* @dhuseby
* @wemeetagain
* @mashchad
* @sgtpookie
* Luca from DevGuild

## Agenda

* Old business
  + Grant for money to cover
    - Rental van
    - Food
    - Permission to reimburse
  + Bootstrapper update @sgtpookie
    - Update and add websocket metrics
    - Dive into debugging the outstanding issue with the healthcheck is bad even though it’s not failing.
* New business

## Notes

* @wemeetagain
  + QUIC progress is coming along well
  + js-libp2p wraps Quinn compiled into wasm
    - Uses rust-libp2p TLS and rust-libp2p Identity crates as well
    - Reuses the Quinn use in rust-libp2p
* @maschad
  + Ethereum still uses mplex but it is deprecated in libp2p

## Action Items

# Aug 20, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* @dhuseby
* @sgtpooki
* @p1r
* @wemeetagain
* @arsen3d

## Agenda

* Old business
  + @dhuseby
    - How’d last week go?
    - Dates for the France meetup
* New business

## Notes

* France dates
  + Arriving 15th
  + Departing on 22nd
* @wemeetagain
  + PR open to add gossipsub 1.2 which adds IDONTWANT control messages
    - For large payloads over gossipsub so that once you receive a message you tell your neighboring peers that you don’t want the message so that you don’t repeatedly receive the same large messages
    - Ready for review
    - <https://github.com/ChainSafe/js-libp2p-gossipsub/pull/498>
  + Quic support for Node as a NAPI
    - Plan is to use QUIN
* @sgtpookie
  + Been working on the js bootstrapper and debugging some of the remaining issues
  + Health check failures are the last issue to resolve

## Action Items

# Aug 13, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* ~~@dhuseby~~
* @achingbrain
* @wemeetagain
* @sgtpooki
* @2color

## Agenda

* Old business
  + @sgtpooki
    - **Please review metrics change PR:** <https://github.com/libp2p/js-libp2p/pull/2649>
  + @dhuseby
    - @achingbrain I need to know where in France your cabin in so that I can scout and build a budget for the grant application
* New business

# Aug 6, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* @dhuseby
* @wemeetagain
* @achingbrain
* @sgtpooki
* Joey Sarpong

## Agenda

* Old business
  + @achingbrain
    - <https://github.com/libp2p/js-libp2p/issues/2643>
    - Any update?
    - Autodialer updaet
  + Cristiano and Ingrid had an issue with Helia
    - Did this get addressed?
  + @dhuseby and @sgtpooki
    - Js-libp2p bootstrapper work is progressing
    - We have bootstrap.farm domain
    - We have a buyvm.net $2/month KVM in Luxembourg
    - We have docker and docker compose for nginx, acme sidecar, portainer
    - @dhuseby build a docker image and pushed it to docker hub based on the repos
      * Probably needs updating
    - @sgtpookie helping with getting the configuration correct
    - Js-libp2p bootstrapper ETA? 2 weeks.
* New business

## Notes

* Re: Cristiano and Ingrid and Helia
  + only katie and nishant subscribed to https://lu.ma/28teo03e so far
  + thats our next meeting
* Bootstrapper effort
  + i made some healthcheck changes.. and the bootstrapper seems to start failing healthchecks intermittently after about ~2hrs.. not sure what's happening there
  + i was thinking about adding in a docker stack similar to <https://github.com/vegasbrianc/prometheus/tree/master>
  + @wemeetagain
    - An important part is to get metrics into prometheus/grafana
  + @sgtpooki
    - i would like to chat about ws metrics too if we get a chance
    - **Please review metrics change PR:** <https://github.com/libp2p/js-libp2p/pull/2649>
    - js-libp2p-amino-dht-bootstrapper also has prom+grafana available, and they're accessible at the same IP.. I am going to try to make sure we have some public read-only dashboards for the bootstrapper when fully deployed and "prod" on waterworks infra
  + @dhuseby
    - yes, that's how I built my stack. I was cribbing from Dennis' previous efforts
* comment i referred to earlier is <https://github.com/libp2p/js-libp2p/issues/1458#issuecomment-1323833476>
* the other transport to add metrics for is webrtc
* (in addition to other metrics we're discussing here)

## Action Items

* @dhuseby
  + Pick a date in September for a js-libp2p working meetup at @achingbrain’s place in the French Alps
  + Start an agenda doc
  + Start a grant application

# Jul 30, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* @dhuseby
* @p1r
* @achingbrain
* @maschad

## Agenda

* Helia issue related to js-libp2p (Cristiano and Ingrid)
* The ping protocol and connection liveness
  + https://github.com/libp2p/js-libp2p/issues/2643

## Notes

* We could/should use the ping protocol to detect when a web socket connection dies so that we can close the connection
* Running more bootstrappers on the cheap
  + <https://buyvm.net/kvm-dedicated-server-slices/> $2/month, unmetered
  + Identify and Kademlia protocols
  + TCP, Noise, WebSockets transports

# Jul 23, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* @dhuseby
* @maschad
* @wemeetagain
* @achingbrain
* @2color
* @p1r
* @0xli

## Agenda

* Discuss the v2 roadmap
  + <https://github.com/libp2p/js-libp2p/issues/2626>

## Notes

* React native example: <https://github.com/ipfs-shipyard/js-libp2p-react-native>
* Should we remove the autodialer?
  + Yes!
  + Need to update the bootstrapper to use the connection manager directly instead of adding peers to the peer store and relying on the autodialer
  + Update documentation about driving the connection manager instead of using the autodialer

# Jul 16, 2024

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

**Attendees**

* @maschad
* @wemeetagain
* @p1r

**Agenda**

* Discussed <https://github.com/libp2p/js-libp2p/issues/2621>, we all agree this would be beneficial, but we still should have this enabled in a beginner friendly plug and play version of js-libp2p
* Discussed potential optimizations done in lodestar that could be transposed to libp2p by utilizing Array.fill on large batch operations.

# Jul 9, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## NOTE: This meeting is canceled because I am traveling to Brussels for libp2p Day

If you have something you would like to discuss/ask, please add it to the agenda list below and we will address it in the next meeting.

## Agenda

# Jul 2, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby
* @maschad
* @wemeetagain
* @achingbrain
* @jxs

## Agenda

* New business
  + @oak asking technical questions about js-libp2p
    - How to do signaling for direct connections
    - Circuit relays do this over the relay
  + @jxs asking questions about wasm/shim
  + libp2p Day @ IPFS Day is a GO!
  + <https://2024.ipfs.camp/>
  + @guillaumemichel, @achingbrain, @ianopoulus on the maintainers Q&A panel (maybe nim-libp2p as well. Couldn’t get @flcl42 because he’s Russian and has travel restrictions : /)
* Old business
  + @2color got everything you need for your workshop?
  + @achingbrain same?
* Kanban board review
  + <https://github.com/orgs/libp2p/projects/5/views/1>
  + PRs
    - Closed
      * <https://github.com/libp2p/js-libp2p/pull/2605>
      * <https://github.com/libp2p/js-libp2p/pull/2598>
      * <https://github.com/libp2p/js-libp2p/pull/2596>
    - Open
      * <https://github.com/libp2p/js-libp2p/pull/2606>
      * <https://github.com/libp2p/js-libp2p/pull/2599>
      * <https://github.com/libp2p/js-libp2p/pull/2580>
      * <https://github.com/libp2p/js-libp2p/pull/2422>

## Notes

* @oak asked about his issues getting direct connection upgrades to happen when one peer is NAT
  + Gave him the link to WebRTC guide

## Action Items

# Jun 25, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby

## Agenda

* New business
* Old business
* Kanban board review
  + <https://github.com/orgs/libp2p/projects/5/views/1>

## Notes

## Action Items

# Jun 18, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby
* @maschad
* @achingbrain
* @wemeetagain

## Agenda

* New business
* Old business
  + [#377](https://github.com/libp2p/docs/pull/377) landed: <https://docs.libp2p.io/guides/getting-started/webrtc/>
  + @achingbrain webrtc-direct transport update
  + What did @wemeetagain do for his birthday?
    - Fly fishin’ 😀
* Kanban board review
  + <https://github.com/orgs/libp2p/projects/5/views/1>

## Notes

* @achingbrain talked about some weird behavior that is not explained
  + <https://github.com/libp2p/js-libp2p/issues/2443>
* @achingbrain one final PR for libdatachannel itself that exposes UDP muxing for a given pool that is still outstanding.
  + The outstanding allows for UDP muxing so that double hole punching isn’t required
  + Needs input from libdatachannel maintainer
    - Will ping them in a couple of days
    - Once it is merged a release needs to be cut
    - PR is in place
  + Also PRs to node datachannel to make it compatible
  + Hopefully all will be landed and released before IPFS Camp
* @wemeetagain
  + Lodestar nominated @achingbrain and @maschad for their retro impact via js-libp2p for ZK token airdrop

## Action Items

* @dhuseby to follow up with @katie Wawro about who applied for the developer cohort
* @dhuseby to check with @2color about the js-libp2p custom protocol workshop for IPFS day and confirm with @achingbrain

# Jun 11, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby
* @achingbrain
* @2color

## Agenda

* New business
  + Firm up talks for libp2p day. Which ones?
    - @achingbrain
      * Writing custom protocols with js-libp2p
      * Introspection tools for Helia/js-libp2p
      * IPFS in js update
      * Libp2p over HTTP
    - @2color
      * Verified fetch
      * Webrtc with js-libp2p
      * Publishing dapps to IPFS with Github actions
* Kanban board review
  + <https://github.com/orgs/libp2p/projects/5/views/1>

## Notes

* @achingbrain finishing off the webrtc-direct transport
  + Passing all tests locally
  + Updating data channel stuff to land it
* @wemeetagain HAPPY BIRTHDAY!!!

## Action Items

# Jun 4, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby
* @achingbrain

## Agenda

* Kanban board review
  + <https://github.com/orgs/libp2p/projects/5/views/1>

## Notes

* @achingbrain is looking for doing a webrtc direct listener in js-libp2p
  + This is blocked on web data channel

## Action Items

# May 28, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby
* @achingbrain
* @2color

## Agenda

* Kanban board review
  + <https://github.com/orgs/libp2p/projects/5/views/1>

## Notes

* @2color finished the js-libp2p webrtc guide and we fixed issues with the docs site so that can get pushed.
* @achingbrain landed metrics interface
* Added @2color to w3dt-stewards and added w3dt-stewards as admins on connectivity-site so we can debug and deploy it.

## Action Items

* @dhuseby to debug connectivity-site deploy and get that updated

# May 21, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby
* @achingbrain
* @2color
* @wemeetagain
* @maschad
* @nikor

## Agenda

* Kanban board review
  + <https://github.com/orgs/libp2p/projects/5/views/1>

## Notes

* @achingbrain demonstrated the new browser extension for talking with a Helia peer running in the current page

## Action Items

# May 14, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby
* @maschad
* @achingbrain
* @haydenyoung
* @2color
* @sgtpookie

## Agenda

* Kanban board review
  + <https://github.com/orgs/libp2p/projects/5/views/1>

## Notes

* @2color
  + Started writing Guide on browser connectivity (based on insights from universal connectivity)
* @sgtpookie
  + Made progress on the Helia bootstrapper project to get some into production
  + Didn’t see any obvious memory leaks or hanging references
  + There’s still some TCP socket wrap references left open

## Action Items

* @sgtpookie
  + Track down the TCP socket wrap references being left hanging

# May 7, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby
* @wemeetagain
* @achingbrain
* @maschad
* @2colour
* @haydenyoung
* @flcl42
* @sgtpookie

## Agenda

* Kanban board review
  + <https://github.com/orgs/libp2p/projects/5/views/1>

## Notes

* Is anybody maintaining the test plan repo?
  + No, it’s best effort by everybody

## Action Items

# Apr 30, 2024

## Meeting Information

Meeting page: <https://lu.ma/libp2p?tag=javascript>

Video link: <http://meet.google.com/qom-scdh-nau>

Google project: <https://github.com/orgs/libp2p/projects/5>

## Attendees

* @dhuseby
* @sgtpooki
* @achingbrain
* @wemeetagain

## Agenda

* In-flight work:
  + Project board:<https://github.com/orgs/libp2p/projects/5>

## Notes

* @achingbrain
  + Talked about the problems with web transport
  + There’s a strange bug where kubo closes the stream unexpectedly
  + <https://github.com/libp2p/js-libp2p/pull/2422>
* @wemeetagain
  + Updates on: <https://github.com/ipfs/aegir/issues/1459>
  + Will be gone at an Ethereum event 5/12-5/18 and is busy all this week preparing
* @dhuseby
  + I’m still trying to resolve the issue of starting and running these js-libp2p meetings using google meets.
    - I’ve got pings out to masterwayne and others to get me set as a libp2p organization admin
    - The plan is to create a “libp2p Maintainers” group in the libp2p Google Org so that all members have the permissions to manage/start/end google meets

## Action Items