**** py-**lib**p2p Open Maintainers Call

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# Sep 26, 2024

## Meeting Information

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

Video link: <https://meet.google.com/kjw-pzor-rrw>

Google project: <https://github.com/orgs/libp2p/projects/12>

## Attendees

* @dhuseby
* @pacrob
* @vipulnayyar

## Agenda

* @dhuseby
  + PL Dev Guild
    - Discord <https://discord.gg/gXG9tGa5>
      * @dwgrantham
    - Trying to get more help by pushing for python libp2p developers
  + Nestor Campos and Benjamin Barber were drive bys

## Notes

* @vipulnayyar came to introduce himself as the dev guild memeber working on py-libp2p

## Action Items

* @vipulnayyar to create gdoc for his Identify protocol project
  + @dhuseby and @pacrob to review and add context detail
  + @dhuseby and @pacrob to be available over discord for help

# Aug 22, 2024

## Meeting Information

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## Attendees

* @dhuseby
* @pacrob

## Agenda

* @pacrob
  + It’s summer time
* @dhuseby
  + It’s summer time

## Notes

## Action Items

* @dhuseby
  + Track down Nestor Campos and try to get anything out of him on the interop testing
  + Track down Benjamin Barber about the hugging face integration work
* @pacrob to talk to Rodrigo about Ethereum funding possibility for py-libp2p

# Jul 25, 2024

## Meeting Information

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Video link: <https://meet.google.com/kjw-pzor-rrw>

Google project: <https://github.com/orgs/libp2p/projects/12>

## Attendees

* @dhuseby
* @pacrob
* @arilotter
* @NimraAzmat

## Agenda

* @pacrob update
  + v0.2.0 is out!!
  + What’s next?
* PL Dev Guild developer Nestor Campos
  + Plan to get py-libp2p into interop testing framework
* Benjamin Barber
  + Interested in AI related integration at the libp2p level for IPFS/Hugging Face

### Notes

* @pacrob
  + No new updates for actual changes to the lib, but I spent my time last weekend going through the install\_requires dependencies to see if there was anything still concerning. The only that are not regularly maintained are:
    - base58 - last release 2021 - not archived - looks pretty small so may not matter
    - multiaddr - last release 2019 - archived
    - noiseprotocol - last release 2020 - not archived
    - pymultihash - last release 2016 - archived
  + I thought about just pinning them to the latest version, but doesn't seem urgent. Otherwise, I'm gonna spend some time building things with it to get a better sense of how all the pieces fit.
* @arilotter
  + Works for Nous
  + AI related use cases
    - Hole punching is the first need
* @NimraAzmat
  + Working with js-libp2p and just wanted to meet some of the libp2p people
  + Based in Islamabad Pakistan

### Action Items



# Jun 27, 2024

## Meeting Information

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

Video link: <https://meet.google.com/kjw-pzor-rrw>

Google project: <https://github.com/orgs/libp2p/projects/12>

## Attendees

* @dhuseby
* @pacrob

## Agenda

* Old business
  + Went through the docs and there were no hitches. It’s well documented.

### Notes

* @pacrob
* @dhuseby

### Action Items



# May 23, 2024

## Meeting Information

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

Video link: <https://meet.google.com/kjw-pzor-rrw>

Google project: <https://github.com/orgs/libp2p/projects/12>

## Attendees

* @dhuseby
* @pacrob

## Agenda

* Old business
  + No progress to report, been nailed down with PKI infrastructure work.

### Notes

* @pacrob
  + Got the typing working using MyPy typing
  + Re-enabled type checking
  + Tests are running for Python 3.8 - 3.12
  + Recommendations for development
    - Python 3.11
    - Pyenv pyenv install 3.8
    - Pip pip install virtualenv
    - virtualenv new <folder>
    - virtualenv activate
* @dhuseby
  + Went through all of the Issues backlog and added them to the project
  + Set up a kanban: <https://github.com/orgs/libp2p/projects/12/views/3>

### Action Items

* @dhuseby to go through the “latest” docs on cloning, get setting, run the tests py test tests/core and document any hitches encountered

# Apr 25, 2024

## Meeting Information

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

Video link: <https://meet.google.com/kjw-pzor-rrw>

Google project: <https://github.com/orgs/libp2p/projects/12>

## Attendees

* @dhuseby
* @pacrob

## Agenda

* Old business
  + Upcoming python events: <https://www.python.org/events/python-events/date/2024/07/16/>
  + Talk submission deadline was 18 December, 2023 😣

### Notes

* @pacrob
  + Docs cleaned up and building
    - More welcoming front page
* @dhuseby
  + Investigated py-con, we missed the talk proposal deadline but I added to the year-end wrap-up todo list to get submissions out for py-con 2025 as well as other language cons (e.g. RustConf, etc)

### Action Items

* @pacrob
  + Continue pushing on documentation cleanup
  + Add a demo or two
* @dhuseby
  + Add an Epic to the project for tracking interop testing integration
  + Add the Makefile and .ts config to get it running to establish test first development
  + Recruit at least 2 more people to attend the next meeting
  + Have a prepared set of “good first bugs” and “chores” so that there is work to be done by the new attendees
  + Add to the libp2p Day event in November a task to recruit past Ethereum Beacon Chain libp2p developers to come give a retrospective talk and help us build a plan for a py-libp2p Beacon Chain peer.

# Mar 28, 2024

## Meeting Information

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

Video link: <https://meet.google.com/kjw-pzor-rrw>

## Attendees

@dhuseby

@pacrob

## Agenda

* Update from @pacrob
* Update from @dhuseby

### Notes

* Minimal libp2p stack: [How to build your own compatible libp2p stack from scratch in an afternoon - Marten Seemann](https://www.youtube.com/watch?v=aDHymXQJ4bs)
* @pacrob’s update
  + Still working on getting PyPi and readthedocs account u/p from @carver
  + Set up a project for the next steps: https://github.com/orgs/libp2p/projects/12
  + Priority: working on updating docs with a working ping example
  + Learning how the whole thing works from
  + Fixing the external library dependencies
    - Specifically the async functions library (maybe update to asyncio)
    - Build a list to triage if we can just update, need to replace, or need to remove
* @dhuseby’s update
  + Set up an epic with tasks to meet minimal libp2p characteristics
  + Set up an epic for getting py-libp2p into the interop testing framework
  + Set up an epic for universal connectivity

### Action Items

* @dhuseby
  + Identify any python conferences/meetups that we can speak at

### Next Meeting Agenda