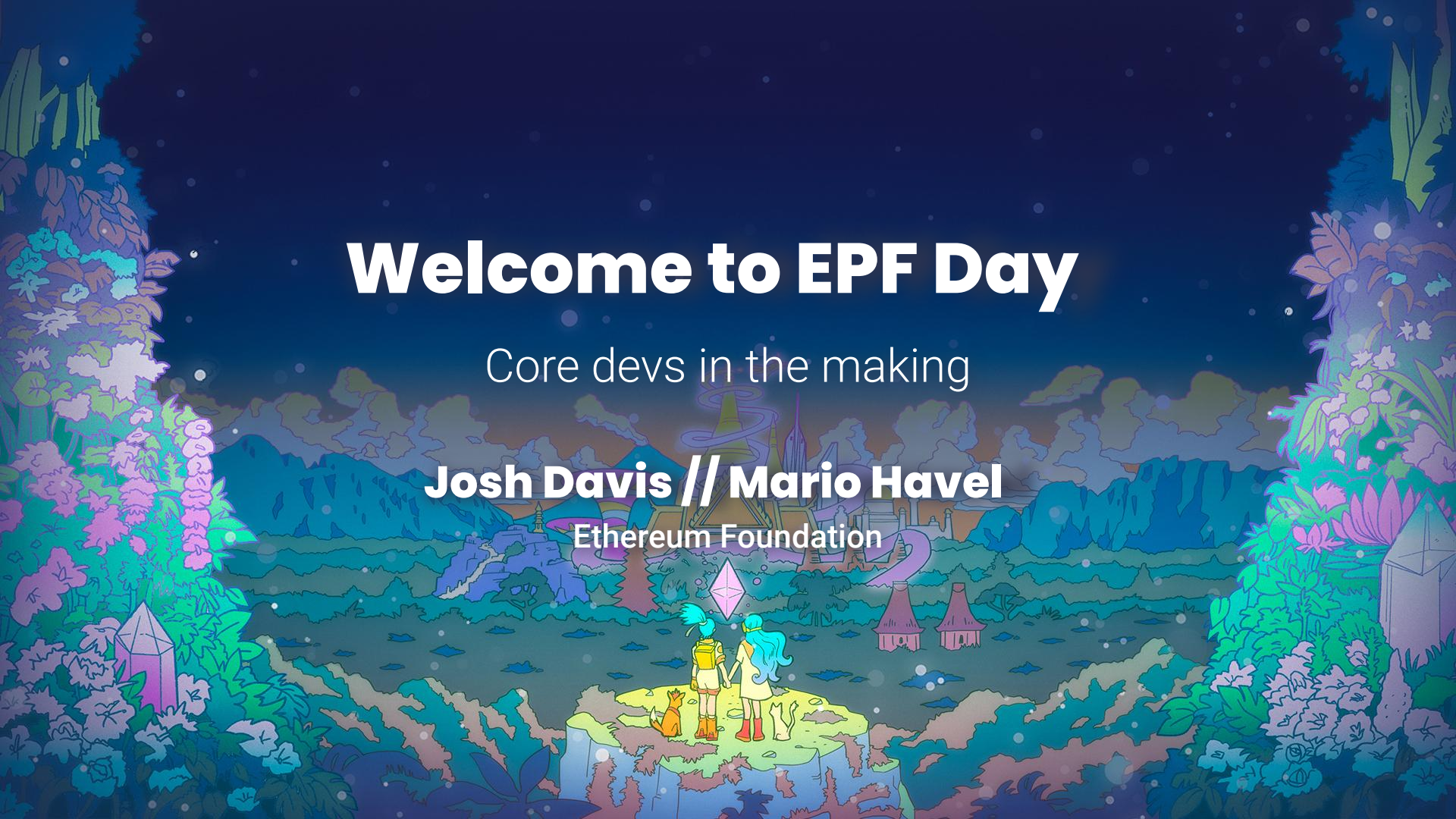
Welcome to EPF Day

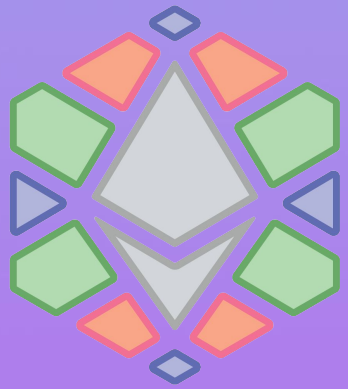
Core devs in the making

Josh Davis // Mario Havel

Ethereum Foundation



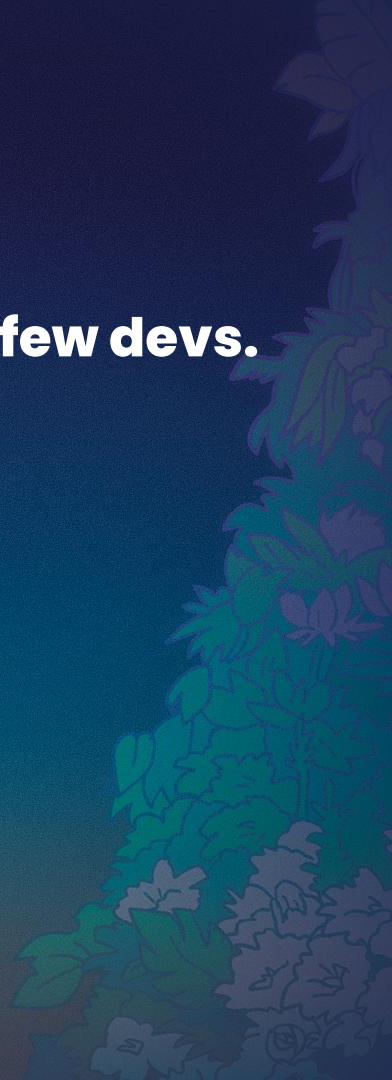
Ethereum Protocol Fellowship

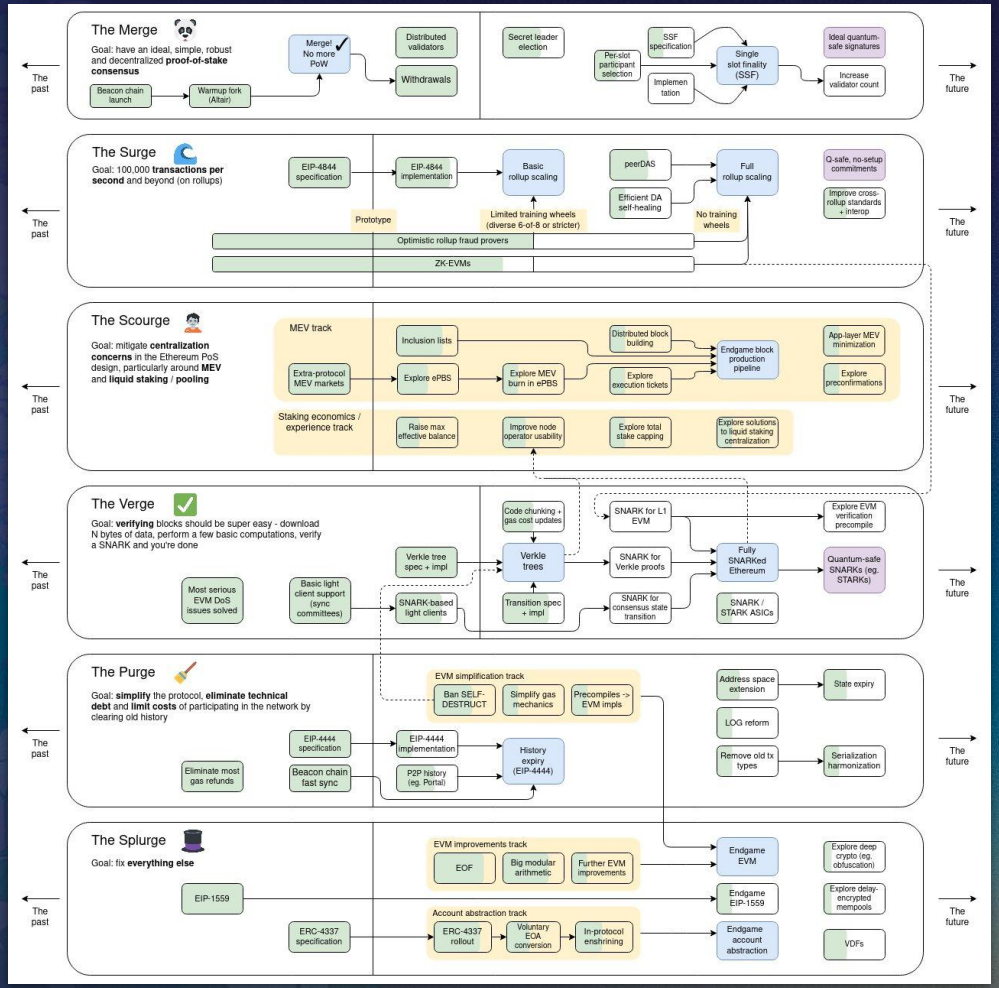


~180 developers working on core protocol.

Lots of stuff for so few devs.

- Specification
- Execution Clients
- Consensus Clients
- Testing
- Research





Still got a long way to go

"We could use one person, or ideally, one team for each of these boxes"

~ Tim Beiko

EPF Study Group

Stewarding Ethereum
one new dev at a time.

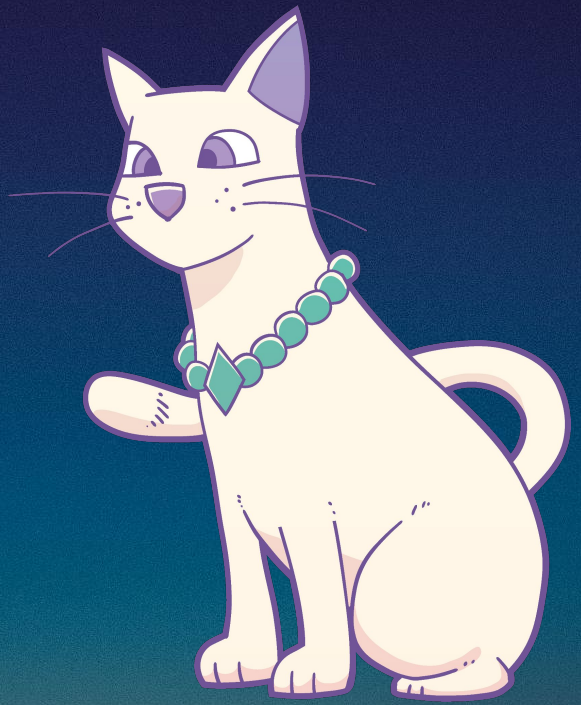
epf.wiki

The door to core development is wide open
You just have to step through...

EPF5

Cohort 5 in numbers

- 45 fellows
- 5 months
- 40 calls
- 2 events
- 30 projects
- 500 + updates



HEY! 👋 I'M raxhvl, WELCOME TO MY EPF5 ADVENTURE. SO FAR, OVER THE COURSE OF 113 *days*, I'VE INVESTED 902 *hours* INTO RESEARCH, CODING MARATHONS, BRAINSTORMING SESSIONS; WHILE CHUGGING 228 *cups of coffee* AND *occasionally* BANGING MY HEAD ON THE KEYBOARD. AS PART OF THE PROGRAM, I'VE HOPPED ON 29 *calls*, TRAVELED 10438 *miles* TO ATTEND 2 *conferences* AND WORKED ON 2 *projects* TO HELP NURTURE THE *Infinite Garden*. THROUGHOUT THIS WILD RIDE, I'VE DOCUMENTED MY MUSINGS IN 26 *write-ups*.

Project Presentations

20 Presentations

EVM Memory Repricing
JSON-RPC Enhancement in Geth
IL-EVM in Nethermind
Samba, a Besu Portal Client
Verkle Implementation in Reth
C bindings for Constantine verkle-ipa
FOCIL in Geth and Prysm
Tracing Integration in Lighthouse
Light Client Support in Prysm
libp2p Implementation in Prysm
ePBS in Prysm and Nimbus
Grandine on Windows
Securing Grandine
PeerDAS in Grandine
PeerDAS Metrics
Ephemery Support in Teku/Besu
Shadow Network Simulations
Rated List
SSZ Benchmarking & Optimization
SSF Research

Enjoy the EPF Day!