Build Your Own Filters with WebAssembly

State of WASM filters

- Not prod ready!
- ABI still in development
- https://www.solo.io/blog/the-state-of-webassembly-in-envoy-proxy/

Intro

- Run code on the data path
- Dynamically loaded
- Multi-language

ABI

- WASM is a purely computational

- Application Binary Interface

- https://github.com/proxy-wasm/spec/tree/master/abi-versions/vNEXT

- Semantics

- I/O

Lets look at some code