

2024.04.18

What we've done

Add logger

Research on Rust vs Go

Research on Rust vs Go

live-object-sdk

live-object-vm

Research on Rust vs Go

live-object-sdk -> Rust

live-object-vm

Research on Rust vs Go

live-object-sdk -> Rust

live-object-vm -> Rust? Go?

Research on Rust vs Go

Pros and cons can be found [here](#)

Research on Rust vs Go

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Is gram better to migrate to Rust?

Why was Go selected?

Protocol Buffers

libp2p

Toss up?

What have changed?

~~Protocol Buffers~~ -> JSON

Learned how others implement their WASM based VM

Migration to Rust

Writing live-object-vm in Rust has less complexity

Rust is more suitable for our purpose

Migration to Rust

Migration will be done by Engineering team

The expected cost is around a week

All contributions will be preserved

All open PRs can safely be merged

What we're working on

Migrate from Go to Rust

Integrate Wasmer in Rust

What we're working on

Migrate from Go to Rust

Integrate Wasmer in Rust

Use Protocol Buffers for peer-to-peer communication

Set up our own bootstrap node