Engineering Weekly, 2024-05-09

Introduction

The GitHub repository has been updated with new README.md and CONTRIBUTING.md. We have completed our bootstrap node written in Rust, which will be deployed in a few days. Additionally, we are finalizing the first version of the `live-object-sdk`. This version will include a sample live object that takes two integers and returns their sum. Users can send JSON requests to `ramd` to create and execute this live object.

Bootstrap Node

The completed bootstrap node is currently in the ram-monorepo. However, due to its fire-and-forget nature, which contrasts with `ramd` that keeps evolving, we have decided to move it to a separate repo. Once this relocation is complete, we will deploy multiple instances of the bootstrap node for use within the RAM network.

Live Object SDK

We're putting the finishing touches on the first version of `live-object-sdk`. It will include an example live object that sums two integers, allowing developers to easily test it agains `ramd`. Developers may also want to write their own live objects. Any live objects consisting solely of pure functions should be executable.

The code will be uploaded to this repo, and the next version will support functions that can read and write the live object's state.

Conclusion

Our current milestone involves supporting the uploading, instantiating, and executing of live objects along with user-sent signed messages. After reaching this milestone, users will be able to interact with simple live objects like GCounter by sending messages signed with their private keys to `ramd`. We're aiming to achieve this milestone by the end of May.

FAQ

Q: Any tasks I can contribute?

A: It's hard to find independent tasks for now. Things are small so they're intertwined. It could be a while to find some independent ones.

Q: What about non-coding contribution?

A: Sounds great! Tangible discussions are always welcomed. Good understanding of our code base and approaches would be prerequisite so feel free to ask questions if any. You can use our telegram chat group or discord.