

VoidPhone Project

P2PSEC (IN2194)

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Initial Approach Report

Team 45 - Rhodium

Benedikt Seidl, Stefan Su

Due Date: 05/25/18

Team Composition

We are Benedikt Seidl and Stefan Su, both studying Informatics in the sixth semester of our Bachelor's degree. As a team name we chose "Rhodium"¹ and will be working on the Distributed Hash Table (DHT) project.

Programming Language, Operating System

For our DHT implementation, we will be using Rust [1].

Build System

Rust comes with its own build system Cargo [2]. Ensures efficient building by only building the things that have changed...?

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Quality Measures

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Available Libraries

We can obtain packages (= dependencies) from the central package registry crates.io [2] by referencing external crates in our project dependencies.

Software License

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¹Rhodium is the element with atomic number 45.

Previous Programming Experience within the Team

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Workload Sharing

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References

- [1] *The Rust Programming Language*. Available: <https://www.rust-lang.org/en-US/index.html> [Accessed: May 2018].
- [2] *The Cargo Book*. Available: <https://doc.rust-lang.org/cargo/index.html> [Accessed: May 2018].
- [3] N. Matsakis, A. Turon. *The Rust Programming Language*, 2nd edition. Available: <https://doc.rust-lang.org/stable/book/second-edition/> [Accessed: May 2018].
- [4] *crates.io Rust Package Registry*. Available: <https://crates.io/> [Accessed: May 2018].