

Prompt-Powered Kickstart: Beginner's Toolkit for Rust

1. Title & Objective **Title:** Prompt-Powered Kickstart: A Beginner's Toolkit for Rust Programming Language
- Objective:** Provide a beginner-friendly guide to install, run, and understand Rust using GenAI.
2. Quick Summary of the Technology Rust is a modern systems-level programming language focused on safety, speed, and concurrency.
3. System Requirements Windows/Mac/Linux
- VS Code (recommended)
- Rust toolchain (rustup)
4. Minimal Example Example Rust Program (main.rs):
`fn main() { println!("Hello, Rust!"); }`
5. AI Prompt Journal Includes prompts used to learn and debug Rust setup.
6. Common Issues & Fixes Cargo command not found → reinstall rustup Toolchain missing → rustup toolchain install stable
7. References <https://www.rust-lang.org>