RUST Tutorials

Installation: curl --proto '=https' --tlsv1.2 -sSf https://sh.rustup.rs | sh

Site: <https://rustup.rs/>

1. Creating Web Server

* Frameworks: Actix or Rocket

Start a Rust project: cargo new my-first-rust-app

Cargo:

Cargo.toml : dependencies

Main code: src folder

Running code: cargo run

Actix: https://actix.rs/

WebAssembly, Example: Rust-WebAssembly webpack

Install wasm-pack: <https://rustwasm.github.io/wasm-pack/installer/>

1. npm init rust-webpack my-app
2. Edit the src folder: lib.rs
3. Compile: wasm-pack build –target web
4. Create your index.js: Code to interact with the compiled WebAssembly
5. Create your frontend: static/index.html
6. Run npm install
7. Run npm build
8. Run npm start to start the application