ScriptSurfer

ScriptSurfer is a universal application designed to manage and execute scripts across multiple directories both locally and via a web interface. Built with Rust and utilizing `egui` for the GUI, ScriptSurfer aims to provide a seamless experience for managing scripts with function over form.

Features

- **CLI and GUI:** Support for both command-line interaction and a graphical user interface using `egui`.
- **Web Interface:** A web version of the GUI hosted on a personal website, accessible behind authentication for universal access.
- **Script Management:** Browse, execute, and manage scripts across different folders from a single interface.

Technology Stack

- **Rust:** For core application logic and system interaction.
- **Egui:** For building the GUI, compiled to WebAssembly (WASM) for the web interface.
- **WebAssembly (WASM):** To enable running Rust code in the web browser.
- **Wasm-bindgen:** For interacting between WASM and JavaScript.

Development Setup

(TBD)

Usage

(TBD)

Roadmap

- ☐ Set up Rust development environment.
- ☐ Create initial Rust project structure.
- ☐ Implement basic CLI functionality.
- ☐ Integrate `egui` for GUI development.
- ☐ Compile GUI to WebAssembly (WASM) for web interface.
- ☐ Implement authentication for web interface.
- ☐ Deploy web interface on personal website.

Contributing

(TBD)

License

(TBD)

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