

Solang Vscode

For people who want to experience Solidity on Solang compiler!

A Solidity vscode extension and Rust based language server. Developed during the Hyperledger 2020 Mentorship programme. To know more about the project head towards the [project bio](#). The project plan sits [here](#).

Features we provide:

1. Syntax highlighting and bracket completion.
2. Diagnostic info for compiler hints, errors and warnings.
3. Hovers for variable definitions, structs, enums, built-ins, functions and tags.

Installation

Vscode extension:

The extension is packaged into an installable VSIX format which can be directly installed in your vscode.

1. Clone the repository, inside you will find a .vsix file named slang-ex-0.0.1.vsix.
2. Open a terminal inside the directory and run the following command.

```
$ code --install-extension slang-ex-0.0.1.vsix
```

3. This will install the vscode extension inside your vscode editor.

Solang server:

Solang server has cargo and rustc as its dependency for installation refer [doc](#). To actually use the extension you need to build and install the solang server. The server is present inside solang-server directory.

1. Open a terminal inside the solang-server directory and run the following command.

```
$ cargo build --release
```

This will build the server and download all the dependencies.

2. The extension is configured to use built binary from ~/.cargo/bin. Copy the binary to the respective location.

```
$ cp target/release/solang-server ~/.cargo/bin
```

This will complete setup for the server part.

For use

Open a Solidity file (.sol) the extension will activate itself.

Known Issues

Calling out known issues can help limit users opening duplicate issues against your extension.

For development

[Extension](#) wiki. [Server](#) wiki.

Release Notes

1.0.0

1. Initial release of solang vscode extension.
2. Contains an installable vsix package.
3. Provides features like hover, diagnostics and syntax highlighting.

Enjoy!