For managing and developing the extension

The extension has two parts the vscode extension and the language server.

Dependencies

Extension

The client/extension needs npm and node installed which can be installed from doc.
Install extension dependencies using npm inside solang-vscode.

```
    $ npm install
```

The source code for the extension is present in solang-vscode directory. The client side implementation is present in src/client. The extension client code is in src/client/extension.ts. The client is supposed to be using server binaries from ~~/.cargo/bin which you can change by changing the path inside extension.ts~~ ~~(~~/.cargo/bin) to the location where your development solang server binary is present.

Server

The language server code is present in src/bin/languageserver inside solang. Building solang as release will build language server. Instructions are present in the solang doc.

Developing and Testing new features

For use

Sample Illustration

1. Inside a vscode instance, Ctrl+Shift+B to build the project.
2. On the task bar at the bottom of the IDE select Launch Client.
3. Open a Solidity file (.sol) to test the extension.

For running tests

Sample Illustration

1. Inside a vscode instance, Ctrl+Shift+B to build the project.
2. On the task bar at the bottom of the IDE select Extensions tests.
3. The result should be displayed in the debug console of the host IDE instance.

Wiki for feaures

1. Syntax highlighting and Bracket completion for Solidity.
2. Diagnostics for compiler errors, hints and warnings.
3. Hover for different tokens.

References

Files solidity.configuration.json, syntaxes/solidity.json reffered from vscode-solidity Commit hash: e22c566909a18ae646cbc41ea3e788222c8377a6

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