Tech Stack

• Programming Language: C

• Version Control: Git

• Build System: GNU Make

• AST VISUALIZER: Graphviz

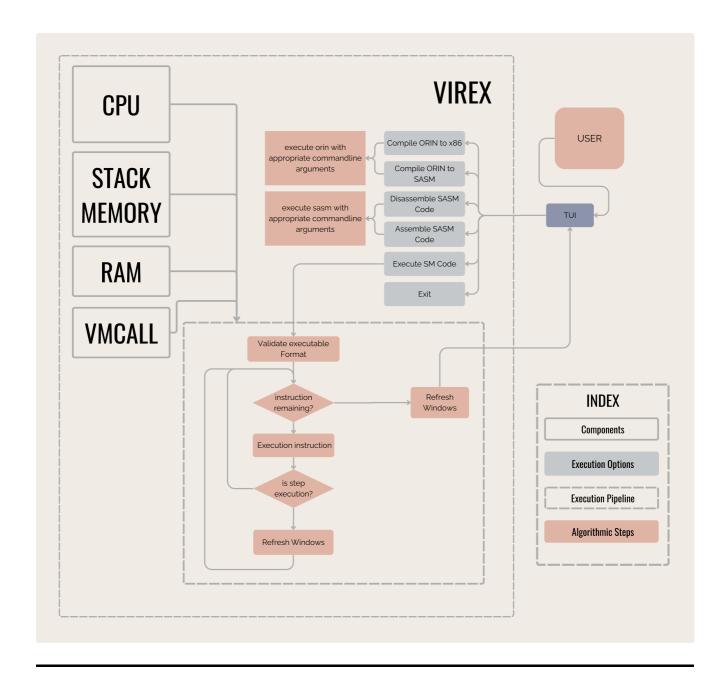


📦 Project Structure

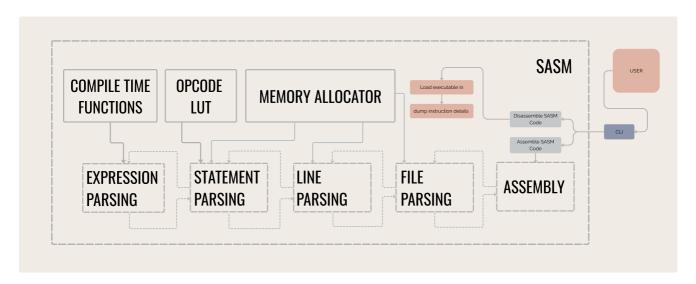
```
/docs/
                          # Reference documentation
/examples/
                          # Sample programs
/include/
                          # Public headers for VM, SASM, OCC
/src/
                          # Core implementation (VM, assembler,
compiler)
                          # Simple Test programs written in SASM
/tests/
/tools/themes/vs_code/
                          # VS Code syntax highlighter
                          # Install script for linux
/install.sh
```

Architecture

VIREX



SASM



Individual Components of SASM

