

Syntax Highlighting:



To make coding in **SASM** more comfortable and developer-friendly, we've created a **custom VS Code theme** tailored specifically for the syntax of our language. This theme highlights key constructs, registers, operands, and labels, making it much easier to read and debug code at a glance.

🌟 Install the theme by using our [install script](../Getting-Started#HIGHLIGHT-ON-LINUX).

AST:



An AST visualizer that helps better understand the sequence flow of any program!

!!! info "Local/Global Scopes"

Each Code Block in the visualized AST represents a Scope, Block 0 being global scope.



Under Development

- 🔧 A new programming language called **ORIN** is currently under development. It is being designed to compile directly to SASM.

If you're interested in compilers, language design, or virtual machines — **contributions are very welcome!**