

![[Image](assets/credits.png)]

Active Maintainers/Creators

About the Creators

VIREX (VIRtual EXecuter) is a clean-room virtual machine built with clarity, extensibility, and education in mind. The project is maintained by two core developers who each own a unique layer of the system.

=== "Soham Metha"



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```
**Role**: `Lead Developer`  
**Modules Owned**: VIREX VM, SASM Assembler, VS Code Extension, Docs  
**GitHub**: [@sohammetha](https://github.com/sohammetha)
```

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[![]](https://img.shields.io/badge/Language-C-blue)]  
(https://en.wikipedia.org/wiki/C_(programming_language))  
[![]](https://img.shields.io/badge/Assembler-SASM-informational)]()  
[![]](https://img.shields.io/badge/Project-VIREX-success)]()
```

```
> "VIREX is a hands-on way to explore systems programming, not just  
study it."
```

=== "Omkar Jagtap"



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```
**Role**: `Compiler Engineer - ORIN`  
**Modules Owned**: ORIN Compiler (WIP)  
**GitHub**: [@friendusername](https://github.com/friendusername)
```

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[![]](https://img.shields.io/badge/Language-C++-brightgreen)]  
(https://en.wikipedia.org/wiki/C%2B%2B)  
[![]](https://img.shields.io/badge/Compiler-ORIN-orange)]()  
[![]](https://img.shields.io/badge/Target-SASM-lightgrey)]()
```

```
> "ORIN aims to make high-level programming compatible with low-level  
control."
```

Tech Stack Highlights

Virtual Machine **VIREX** Assembly Language **SASM** Compiler **ORIN**
Editor Support **VS Code**
License **GPL3**

Contact & Community

- GitHub: github.com/sohammetha/virex
 - Interested in contributing? Check out [CONTRIBUTING.md](#)
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VIREX is open. Hackable. Minimal. Built for builders.

References

- [Tsoding](#)
 - [Dr Birch](#)
 - [Low Byte Productions](#)
 - [Cobb Coding](#)
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