

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

Active Maintainers/Creators

## About the Creators

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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)
```

```
[![]](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)
```

```
[![]](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."
```

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## Tech Stack Highlights

Virtual Machine

VIREX

Assembly Language

SASM

Compiler

ORIN

Editor Support

VS Code

License

GPL3

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## Contact & Community

- GitHub: [github.com/sohammetha/virex](https://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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