

![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
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- Designed the VIREX Virtual Machine architecture
- Developed the **\*\*SASM Assembler\*\*** and complete instruction set
- Built tooling: AST visualizer, debug tools, and VS Code syntax extension
- Authored all core documentation
- Maintains the monorepo, versioning, and long-term roadmap

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[]  
(https://en.wikipedia.org/wiki/C_(programming_language))  
[]()  
[]()
```

```
> "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://en.wikipedia.org/wiki/C%2B%2B)  
[]()  
[]()
```

```
> "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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