VS Code

Coding software

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Purpose of the project

TOPICS

- Democratization of access to a good text editor
- No cost

Technologies

Debugging tool

Enable an easy way to find your errors

Marketplace full of extensions

Endless possibilities

Integration with code versioning systems

Manage your repository from inside VS Code

Repository I

+5k issues

Finding bugs and proposing features

+1k branches

Each one trying to solve an issue

+28.4k forks

Collaborating in repos without having write perission

https://github.com/microsoft/vscode

Repository II

MIT License

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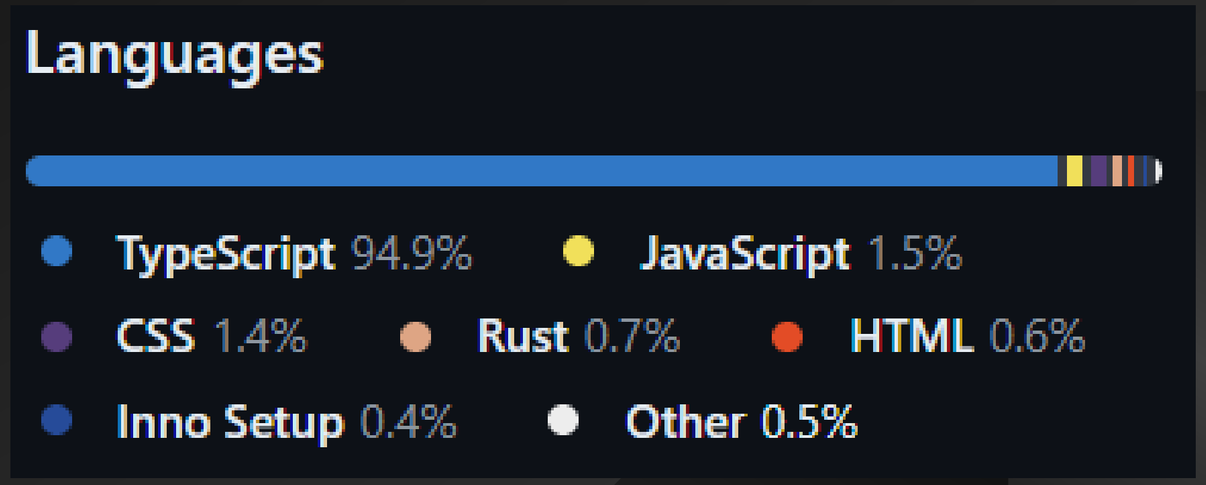


Languages used

VS Code was/is mainly coded in TypeScript

Contributing

Accessibility and Internationalization

- [ ] 🏃 Make VS Code an outstandingly accessible developer tool. We'll engage and work with our community to get input and guidance, and we need you to keep us honest.
- [ ] Move off our custom IME story and use `ContentEditable` to improve text segmentation for RTL and CJK.

Performance

- [ ] Reduce the size of our downloads
  - [x] Investigate more place holders with lazy downloads such as the WSL stubs (extend to core concepts)
- [ ] 🏃 Keep startup times within a predictable and suitable range for users across all platforms.
- [ ] Improve VS Code performance in large workspaces
  - [x] Investigate 'working sets' of files and folders in the file explorer
  - [ ] Improve Open File / Quick Pick performance
- [x] Ensure VS Code loads instantly in the web.

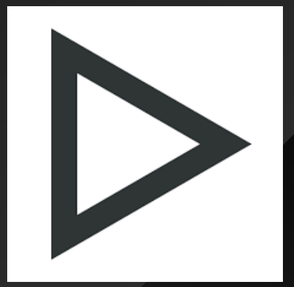
Public roadmap

Some of the features that are being worked on

Contributing to Visual Studio Code

There are many ways to contribute to the Visual Studio Code project: logging bugs, submitting pull requests, reporting issues, and creating suggestions.

After cloning and building the repo, check out the issues list. Issues labeled `help wanted` are good issues to submit a PR for. Issues labeled `good first issue` are great candidates to pick up if you are in the code for the first time. If you are contributing significant changes, or if the issue is already assigned to a specific month milestone, please discuss with the assignee of the issue first before starting to work on the issue.

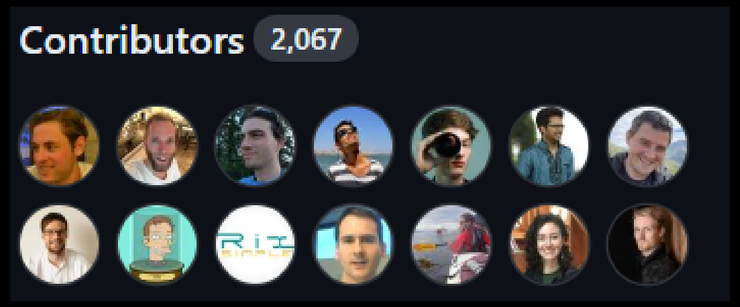


Wiki

Extensive guide to building, running and debugging

Funds

Microsoft



Major contributors

Work @ Microsoft

Free

Doesn’t have subscriptions

References

- https://code.visualstudio.com/updates/v1_92
- https://github.com/microsoft/vscode/wiki/How-to-Contribute
- https://opensource.org/license/mit
- https://visualstudio.microsoft.com/