

Open Source @ Microsoft



Lancierungsevent Open
Source Studie Schweiz 2024

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Microsoft admits it was wrong about open source

News By Bobby Hellard published May 19, 2020

President Brad Smith says the company was on "the wrong side of history" at the start of the century

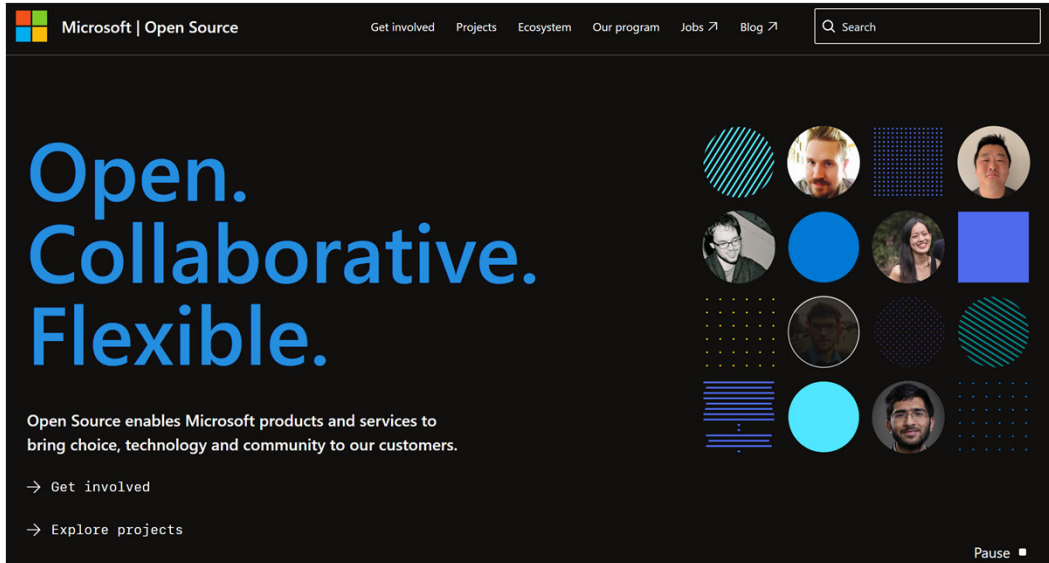
"Microsoft was on the wrong side of history when open source exploded at the beginning of the century and I can say that about me personally," Smith said. "The good news is that, if life is long enough, you can learn... that you need to change."

Microsoft is now the single largest contributor to open source projects in the world. Over the last few years, Microsoft has gradually adopted a number of open source technologies, such as PowerShell, Visual Studio Code and Microsoft Edge's original JavaScript engine. The company's latest version of Edge even adopts code from the open source Chromium project.



Microsoft President Brad Smith

<https://www.itpro.com/development/open-source/355695/microsoft-admits-it-got-open-source-wrong>



<https://opensource.microsoft.com>

Microsoft's Free and Open Source Software Fund (FOSS Fund)



The Microsoft FOSS Fund provides a direct way for Microsoft engineers to participate in the nomination and selection process to help communities and projects they are passionate about.

A project of the [Microsoft Open Source Programs Office](#), the FOSS Fund provides up to \$10,000 USD in sponsorships to open source projects as selected by Microsoft employees. To help drive an open contribution culture across Microsoft, employees are eligible to select projects for the fund when they participate in projects that are not governed by Microsoft.

<https://github.com/microsoft/foss-fund>

Open Source at Microsoft

Open Source is changing software development

>80%

of companies grew usage of open source in the past year¹

96%

of applications leverage open source²

Microsoft enables developers to achieve more



Largest developer community on the planet



The top-ranked open source code editor



#1 most-loved framework³ with >5M developers

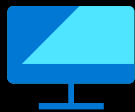
Consistently one of the top open source contributors

60k+

Top 3

Microsoft developers active in GitHub

contributor to Kubernetes & CNCF ecosystem



Linux

Linux Integration Services
Azure Linux (Mariner)
Systemd · IPE
LISA testing framework
SMB3/CIFS · NFS



Cloud Native

Kubernetes · Moby
Containerd · Dapr
CNAB · Akri · Cilium
Helm · Headlamp
Copacetic · Radius
KEDA · Eraser · Istio
OPA Gatekeeper



Data + AI

Spark & YARN
PostgreSQL
Pandas
TensorFlow
ONNX
Phi
Feathr



Languages

Node.js
Python
Rust
Go
PHP
Java (OpenJDK)



Web

TypeScript
Webpack
Babel
Vue.js
Bootstrap
Svelte

¹ Perforce 2023: OS Report 2023 – OpenLogic by Perforce

² Synopsys 2022: Open Source Security and Risk Analysis

³ StackOverflow 2023 Developer Survey



Visual Studio Code – Your Editor Everywhere

Isidor Nikolic



2024

Numbers

30M

Monthly users
(from 9M
in 2019)



60K Extensions
25K Authors

61 NPS



169K
Closed
Issues

Iteration Plan for February 2023

#173445 opened 3 weeks ago by kieferrm

Open 2

February 2023 Endgame

#174828 opened 3 days ago by jrieken

Open 1

is:issue is:open sort:reactions+1-desc

Labels 452

Milestones 5

New issue

Clear current search query, filters, and sorts

5,977 Open 145,105 Closed

Author Label Projects Milestones Assignee Sort

Allow for floating windows feature-request layout
#10121 opened on Aug 4, 2016 by Brakkar Backlog

364 2.89k

Allow to change the font size and font of the workbench feature-request workbench-fonts
#519 opened on Nov 24, 2015 by hsdk123 On Deck

360 2.39k

VIM mode like sublime feature-request VIM
#114851 opened on Jan 24, 2021 by miked508 Backlog

24 1.26k

Allow customization of mouse shortcuts feature-request keybindings
#3130 opened on Feb 18, 2016 by Tyriar Backlog



269 1.22k

Community - Zero Distance

Transparency

Public: roadmap, iteration plans/dates

Team responsive on social channels

@code, Stack Overflow, Slack

Responsive to GitHub Issues

Incoming: 2000-3000 new issues per month

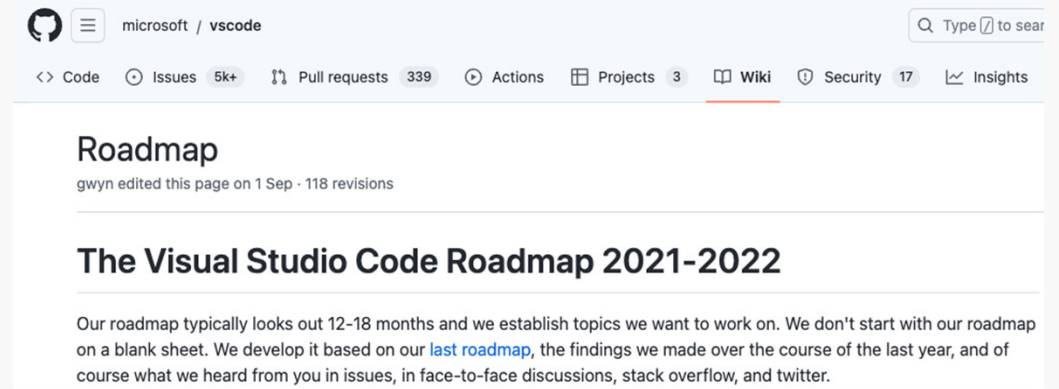
Team sees every issue same day

Listen to feedback/emotions

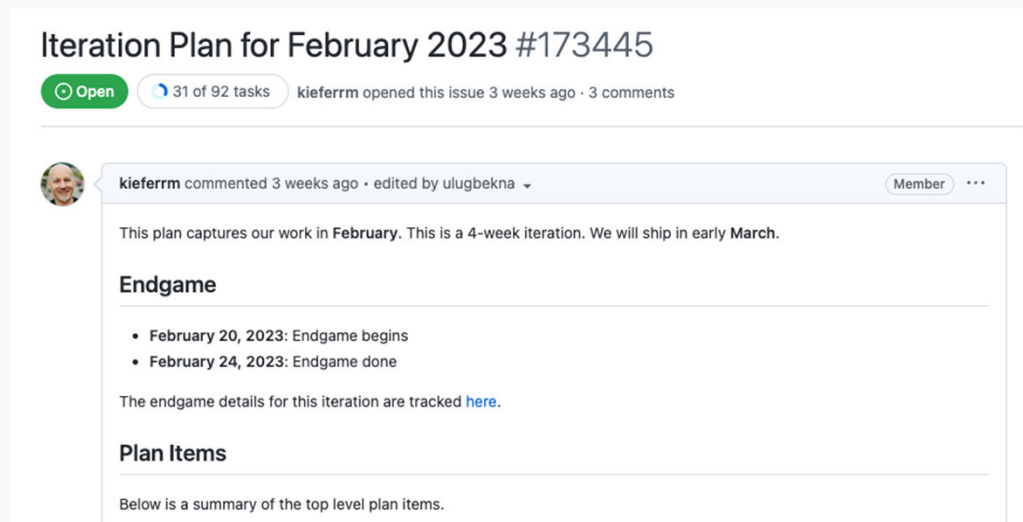
[Tabs](#), multi-root-folder, [icons](#), merge editor...

Continuously deliver on highly upvoted features

Accept PRs and acknowledge them in [Thank You](#)



The screenshot shows the GitHub repository for Microsoft VS Code. The 'Wiki' tab is selected, displaying a page titled 'Roadmap'. The page content includes the title 'The Visual Studio Code Roadmap 2021-2022' and a paragraph explaining that the roadmap typically looks out 12-18 months and is based on feedback from issues, discussions, and social media.



The screenshot shows a GitHub issue titled 'Iteration Plan for February 2023 #173445'. The issue is marked as 'Open' and has 31 of 92 tasks. A comment from user 'kieferrm' is visible, stating that the plan captures work in February, is a 4-week iteration, and will ship in early March. The comment includes sections for 'Endgame' (with dates for when it begins and ends) and 'Plan Items'.

Distributed Team

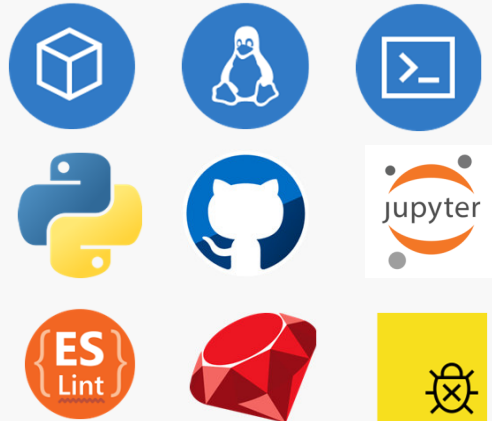
Zurich, Redmond Vancouver, Ueda, Edinburgh, Mountain View...

49 == 36 Devs + 6 PM + 1 Doc + 2 Design + 3 Advocates+ 1 UX researcher

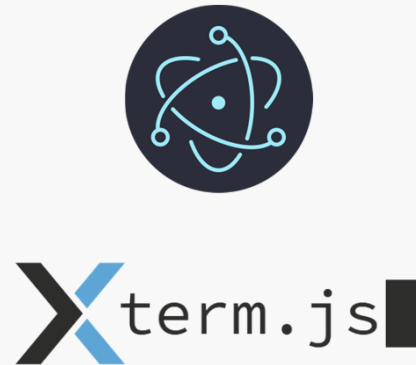
Core



Extensions



Collaborations



Components



Happy Coding!



<https://github.com/microsoft/vscode>

Thank You



aka.ms/florian



aka.ms/isidor