

The world's leading AI-powered developer platform



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Our Agenda

01

Platform
overview

02

Platform
demo

03

Next
steps



The GitHub experience



A single integrated
enterprise-ready
platform



Security at
every step of
the workflow



Industry-best
collaborative tools for
developers



Powered
By AI

GitHub Platform



Copilot



Collaboration

Pull requests

Projects

Issues

Discussions

Merge queue

Search



Productivity

CI/CD with Actions

Automation

Copilot

Codespaces

Runners

npm

Mobile



Security

Advanced Security

Secret scanning

Code scanning

Security overview

Supply chain

Dependabot



Scale

100M+ developers

Source code management

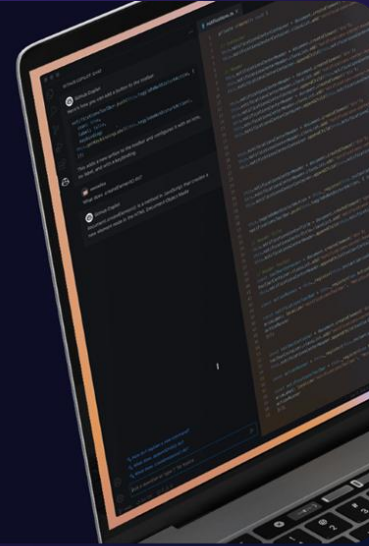
Integrations & APIs



Powered by AI



Copilot
enables faster
coding by
55%



20,000+
businesses
have used it

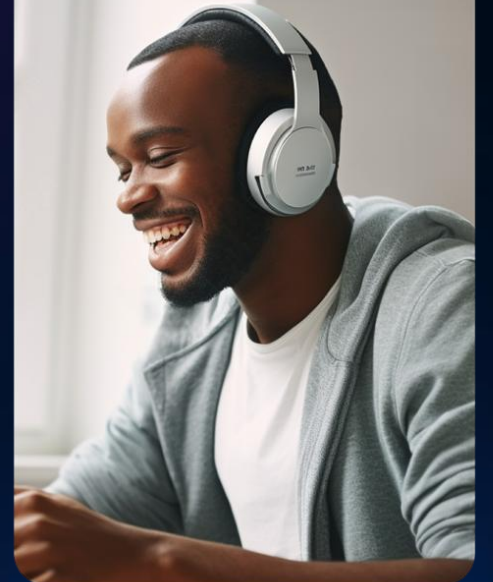
▼ SUGGESTIONS

⚙ Loading suggestions...

Ask a question here. Select code for context.

46% of code
is written with the
help of Copilot

75% of
developers are
more fulfilled

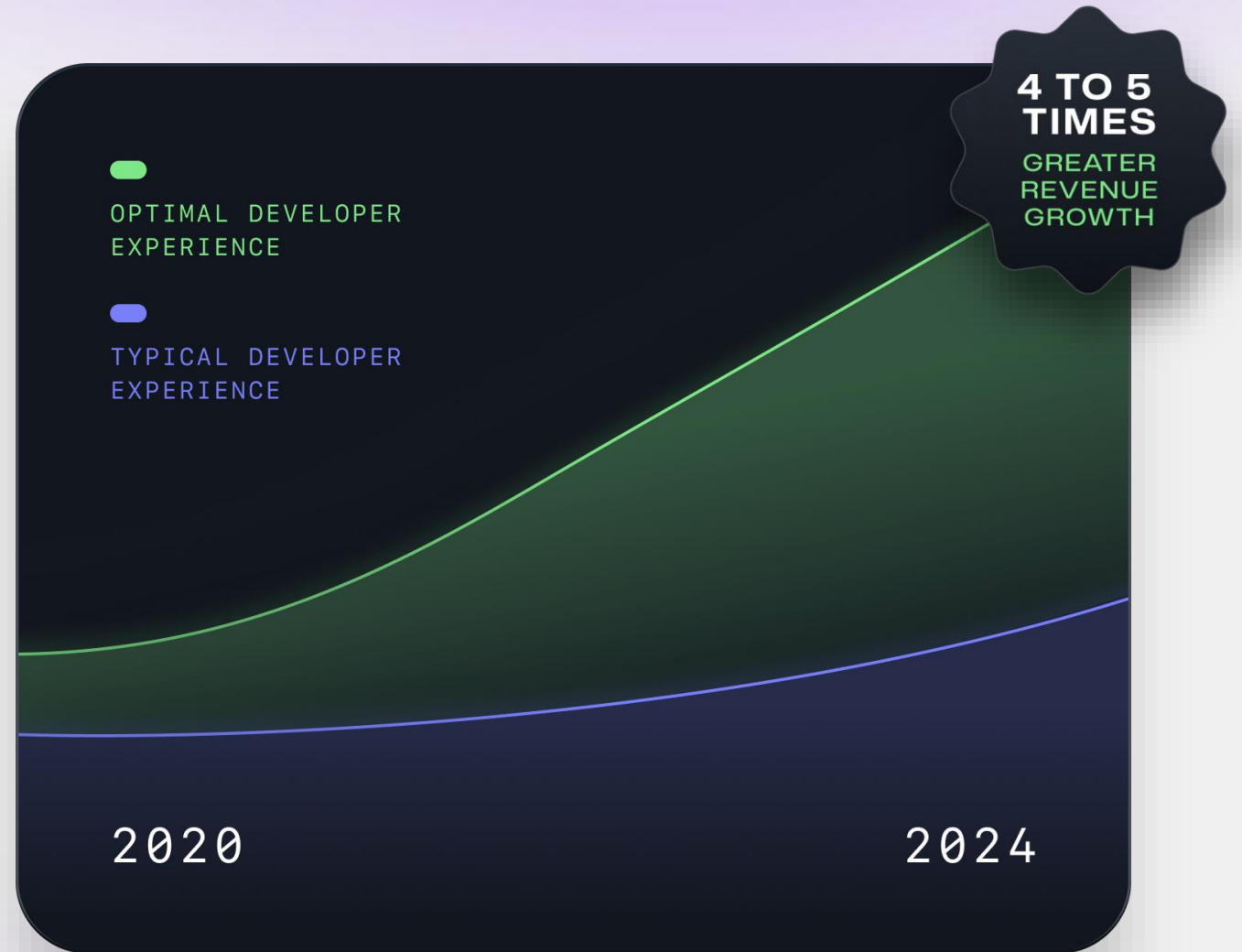


More than
1M developers



Experience makes the difference.

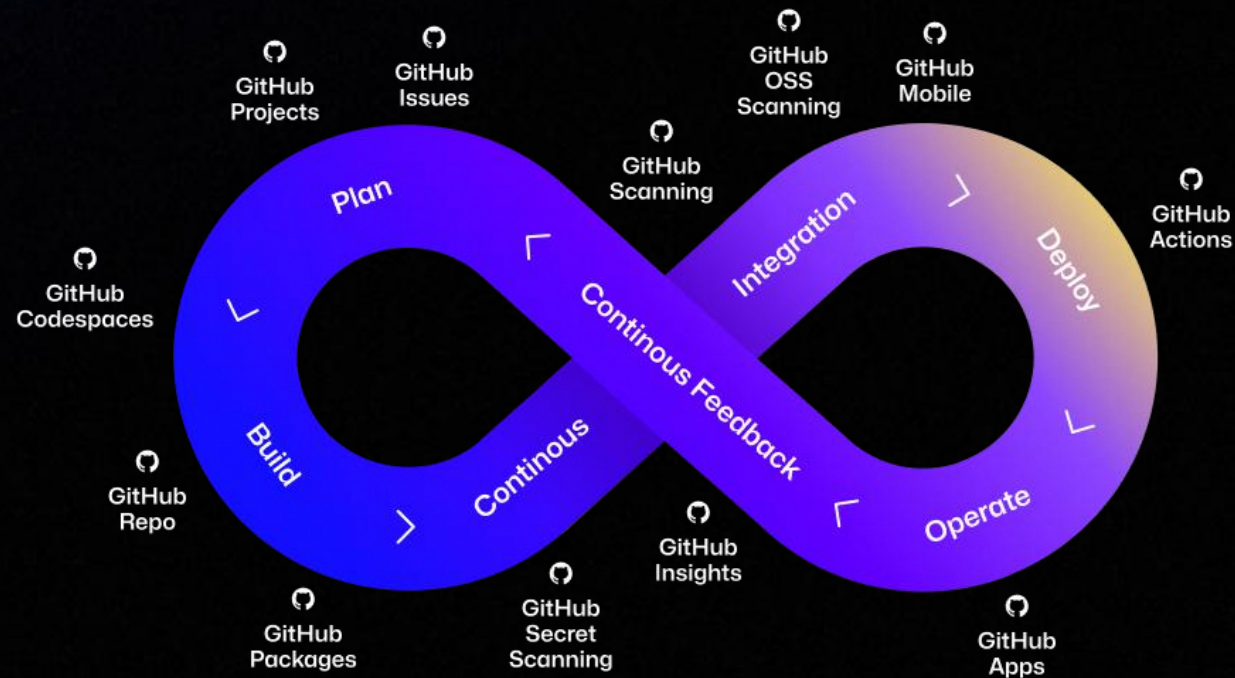
A McKinsey study found that companies with better developer work environments achieved revenue growth 4 to 5 times greater than their competitors.





Consolidated Efficiency

Driving 433% ROI with GitHub Enterprise





The research shows



Developer
productivity

22%

Improvement



Developer
onboarding

80%

More time saved



Time spent
managing tools and
code infrastructure

75%

Improvement



After go-live

<6

Months payback

[Access Report](#)



100M+

Registered Users



4M+

Organizations



330M+

Repositories



90%

Fortune 100

...and backed by the world's
largest software company



GitHub Platform Demo





Copilot

Your AI pair programmer.

Uses the context you've provided and synthesizes code to match.



Convert comments to code



Autofill for repetitive code



Autosuggest tests



Show alternatives







Next Edit Suggestions (NES)


```
TS sentiment.ts  write_sql.go  parse_expenses.py

1  #!/usr/bin/env ts-node
2
3  import { fetch } from "fetch-h2";
4
5  // Determine whether the sentiment of text is positive
6  // Use a web service
7  async function isPositive(text: string): Promise<boolean> {
8      const response = await fetch(`http://text-polarity.com/`, {
9          method: "POST",
10         body: `text=${text}`,
11         headers: {
12             "Content-Type": "application/x-www-form-urlencoded",
13         },
14     });
15     const json = await response.json();
16     return json.label === "pos";
17 }
```

Copilot

GitHub Copilot / Code Generation

	Completions	Chat/Edits	Agent Mode	Copilot coding agent
 Scope Of Changes	Next Few Lines	Multi-File Edits	Complete tasks	Entire issues
 Frequency of Interaction	Hundreds of Milliseconds	Seconds	Minutes	Tens of minutes
 Inner/Outer Loop	Inner Loop	Inner Loop	Inner Loop	Outer Loop
 Developer Canvas	VS Code (Editor)	VS Code (Chat)	VS Code (Chat)	GitHub.com

 Model Context Protocol

Copilot coding agent can use tools via MCP

Hosts



Clients



Servers





Codespaces

A cloud dev environment that lets you code from anywhere



Code without compromise

Code, build, test, debug, and deploy with a complete development environment in your browser, running on Azure.



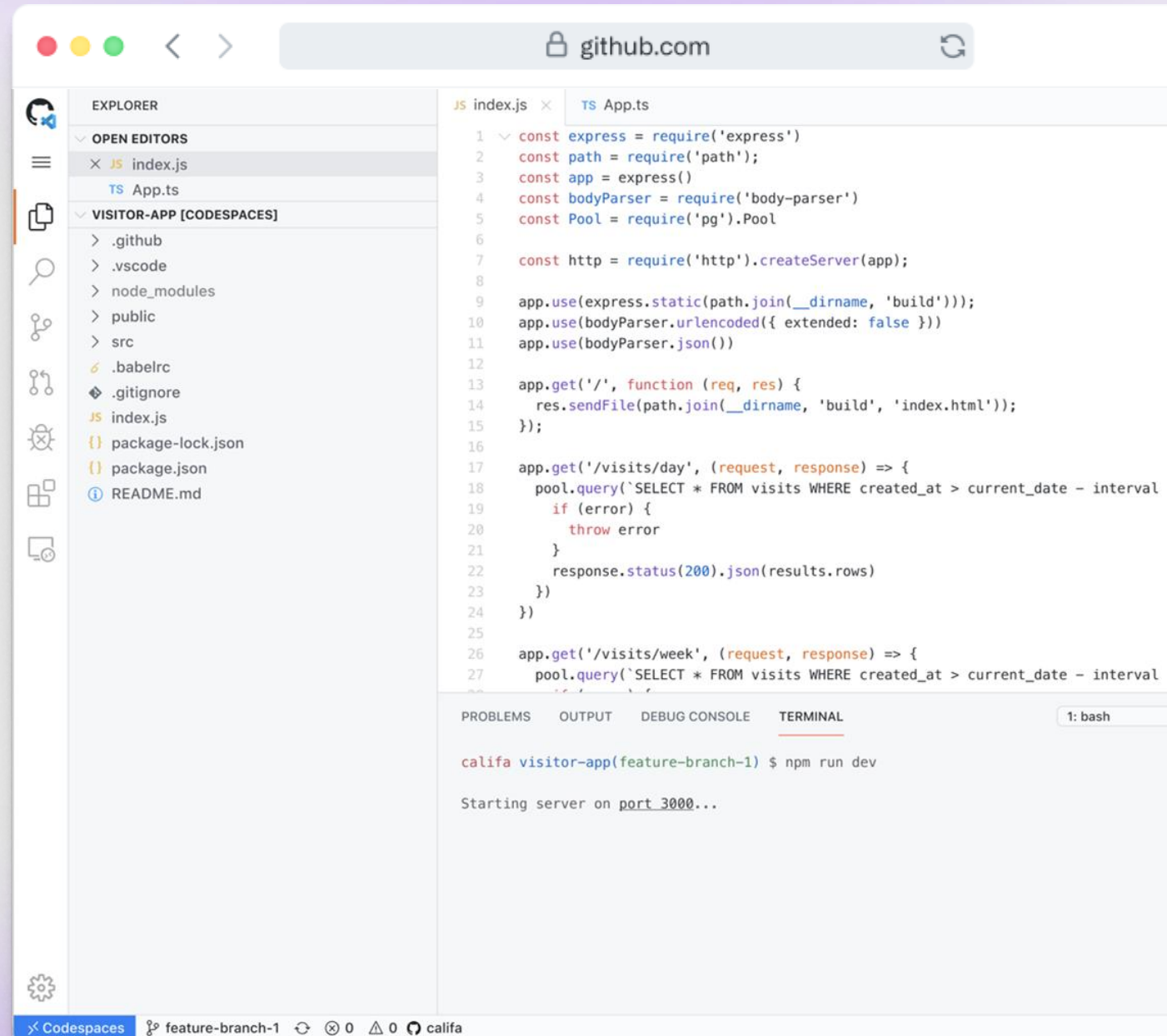
Simplify your workflow

Automatically set up dependencies and SSH keys.
Go from code to commit faster on any project.



Extend and customize

Configure your editor with dotfiles and VS Code extensions to create a consistent environment in every Codespace.





Actions

Enterprise-grade CI/CD that supports
Windows, Linux, Mac

✓ Marketplace of 20,000+ Actions by our community

✓ Any operating system, cloud and on-prem

✓ Fully-managed, friction-free service hosted runners

✓ Natively integrated into GitHub workflows



Dependabot

Automatically update vulnerable and out-of-date dependencies



Automated pull requests for security & version updates

Keep your projects secure and up to date by monitoring them for vulnerable and out-of-date components. If a suggested update is found, we'll automatically open a pull request with suggested fixes.



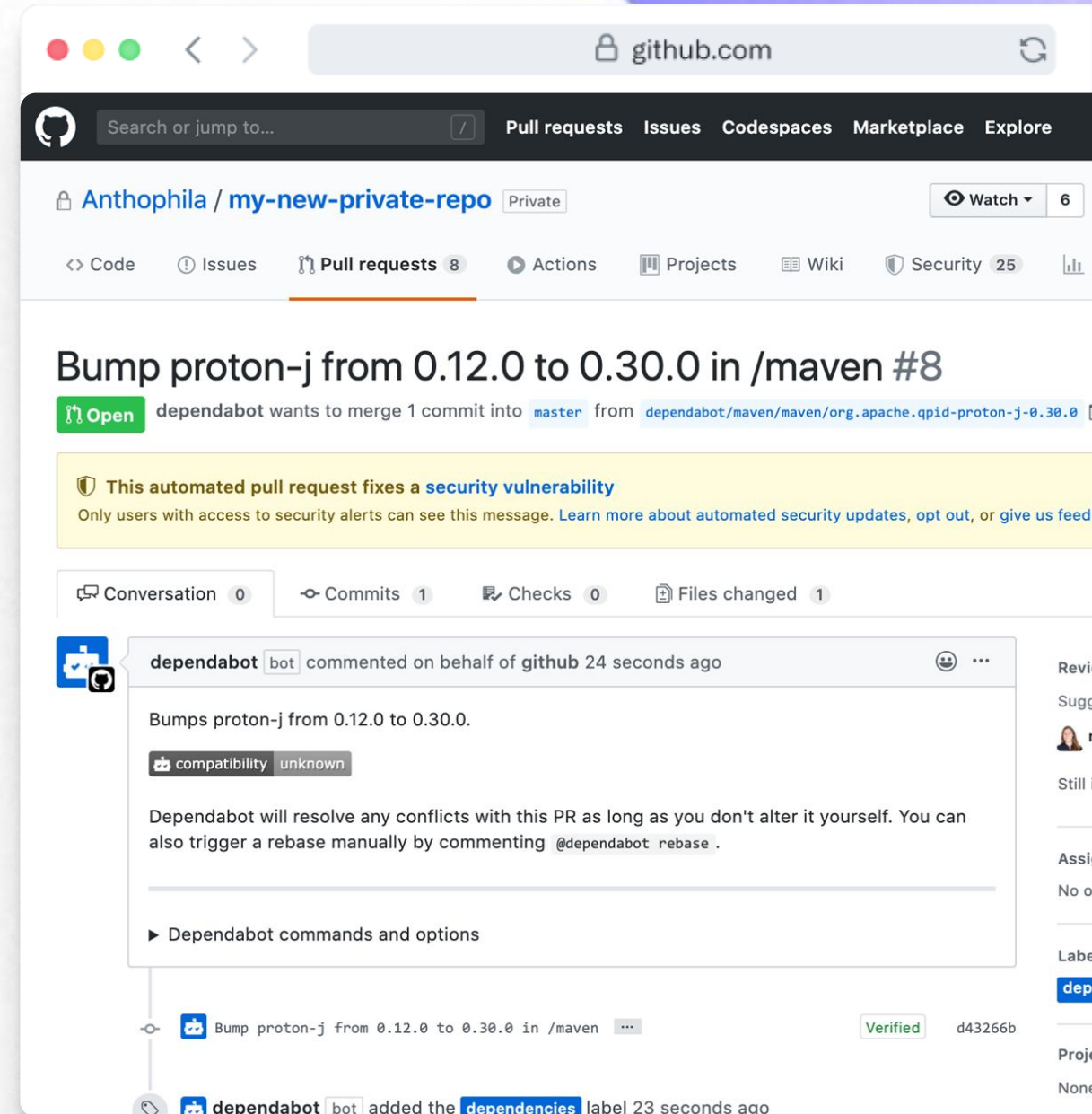
Integrated with developer workflow

Dependabot is integrated directly into the developer workflow for a frictionless experience and faster fixes.



Rich vulnerability data

GitHub tracks vulnerabilities in packages from supported package managers using data from security researchers, maintainers, and the National Vulnerability Database— all discoverable in the GitHub Advisory Database.





GitHub

Advanced Security

Natively embedded security with unparalleled access to curated security intelligence unlocking your ability to keep your code, supply chain, and secrets secure before you push to production

48%

Real-time fix rate in the PR

72%

Fix rate in 28 days

22%

Productivity boost realized compared to traditional tools

The screenshot shows the GitHub Security page for the repository `fresh-co/checkout`. The page displays a security advisory titled "Sensitive information exposure through logs" with a severity of "High". The advisory was opened by `mayathepolarbear` 2 days ago. The description states: "A flaw was found where global search results could include author information on some activities where a user may not otherwise have access to it." The impact section contains placeholder text and a list of "Unordered list item". The page also shows the "Collaborators" section with `fresh-co/checkout owners` and `mayathepolarbear` as collaborators. At the bottom, there is a button to "Collaborate on a patch in private" and a message thanking the user for submitting a disclosure.

github.com

Search or jump to...

Pull requests Issues Marketplace Explore

Public contribu

✓ Thank you for submitting a disclosure to fresh-co/checkout. Maintainers have been notified and will review your submission.

fresh-co / checkout

Sponsor Watch 4 Star 4

<> Code Issues 1 Pull requests 1 Discussions Actions Projects Wiki Security 3

Security Advisories / GHSA-p48c-wmfj-4hcq

Sensitive information exposure through logs

Pending mayathepolarbear disclosed GHSA-p48c-wmfj-4hcq just now · 0 comment

Package	Affected versions	Patched versions
fresh-co/checkout (npm)	>= 4.0	None yet

mayathepolarbear opened 2 days ago

Description

A flaw was found where global search results could include author information on some activities where a user may not otherwise have access to it.

Impact

Lorem ipsum dolor sit amet, quo modus pertinax expetendis ne. Ei agam possit est, pri te detraxit neglegentur, at mea brute tibique. Autem prompta denique in mel. Vim verterem repudiare an. Mutat maluisset ut pro, vel dolor pertinax et. Dicit labore detraxit no quo, cu per doctus eripuit liberavisse.

- Unordered list item
- Unordered list item
 - Unordered list item
 - Unordered list item
- Unordered list item

mayathepolarbear added as a collaborator just now

Collaborate on a patch in private

Use a temporary private fork of fresh-co/checkout to collaborate on a fix

Start a temporary private fork

Thank you for submitting a disclosure.

Your disclosure is being reviewed by fresh-co/checkout owners. You will be notified if the disclosure is published as an advisory.

Severity

High

CVE ID

No known CVE— Request a CVE

Weaknesses

CWE-843 CWE-79

Collaborators

Only the following users and teams can see collaborate on this advisory

fresh-co/checkout owners

mayathepolarbear Author

Publishers

Only the following users and teams can publish this advisory

fresh-co/checkout owners



Thank you!