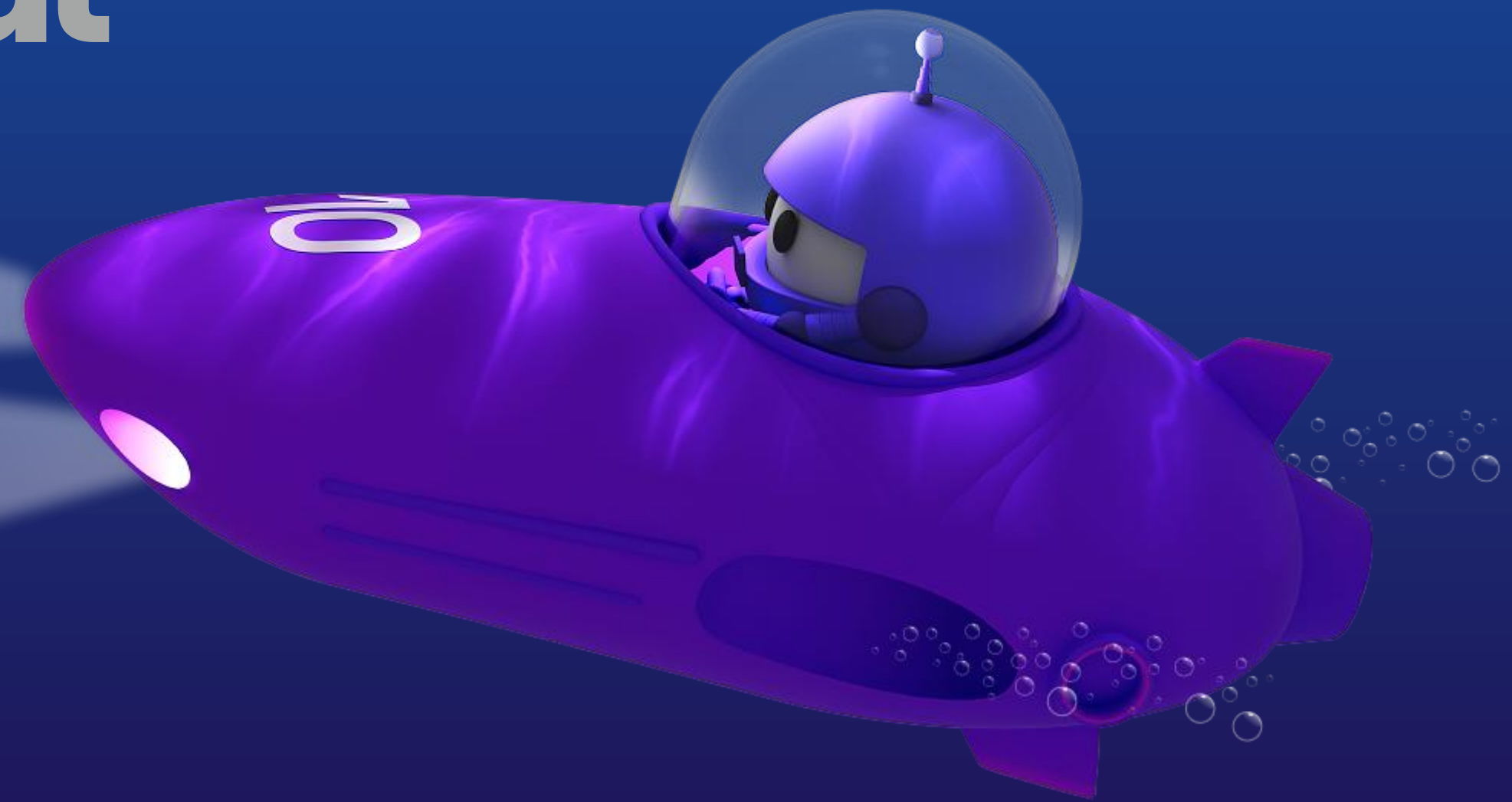


Security-First .NET



How GitHub's Tools Protect Your
Open-Source Projects Without
Slowing You Down





Chad Bentz (@felickz)
Strategic Field Security Specialist – GitHub

Topics

- 01** Intro
- 02** Insecure Dependencies
- 03** Secret Leaks
- 04** Vulnerable Code
- 05** Q&A

Octoverse 2025 The state of open source

C# Statistics

Home / News & Insights / Octoverse

Octoverse: A new developer joins GitHub every second as AI leads TypeScript to #1

In this year's Octoverse, we uncover how AI, agents, and typed languages are driving the biggest shifts in software development in more than a decade.



Octoverse 2025

Octoverse 2025 The state of open source

C# Statistics



~1.5M

New C# Repos on GitHub
(+10.6% YoY)



~136k

New C# Contributors
(+22.22% YoY)



~1M

Active Developers

Octoverse 2025 – The state of open source

AppSec statistics



846k

Repos have Dependabot
Configured (+137% YoY)



151K

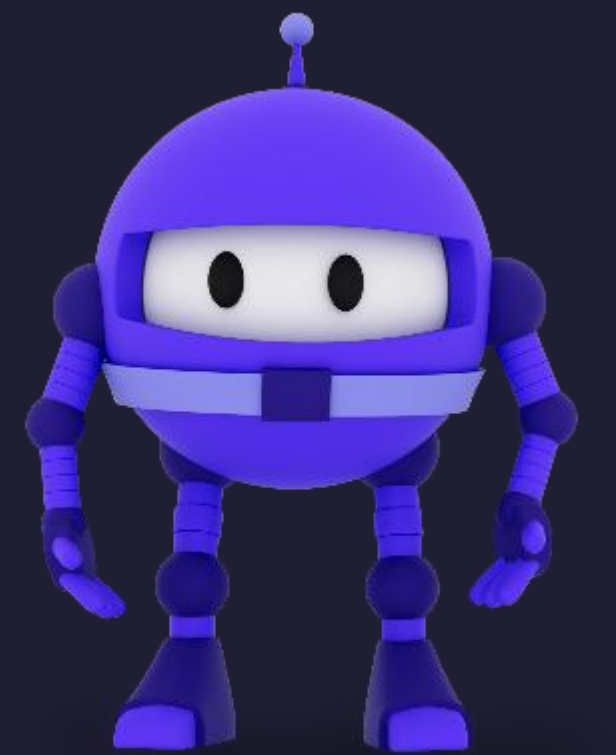
Repos Flagged with Broken
Access Control (+172% YoY)



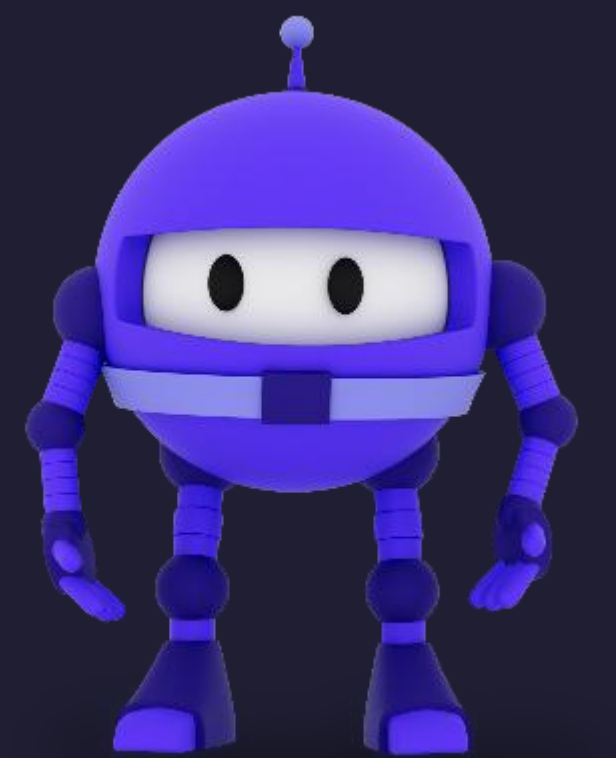
30%

Faster Fixes of Critical
Vulnerabilities

01 Insecure Dependencies



02 Secret Leaks



02 Secret Leaks



Partnership with 150+ service providers

aws

A

Google Cloud

Meta

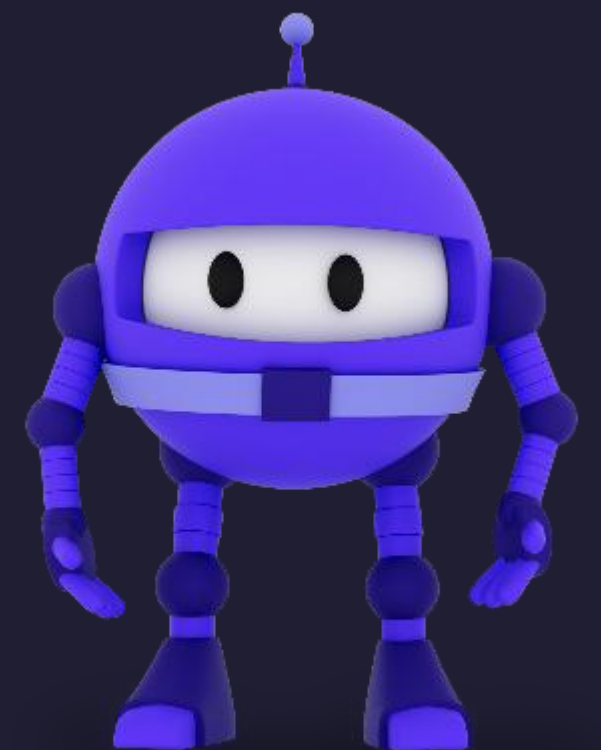
slack

JFrog

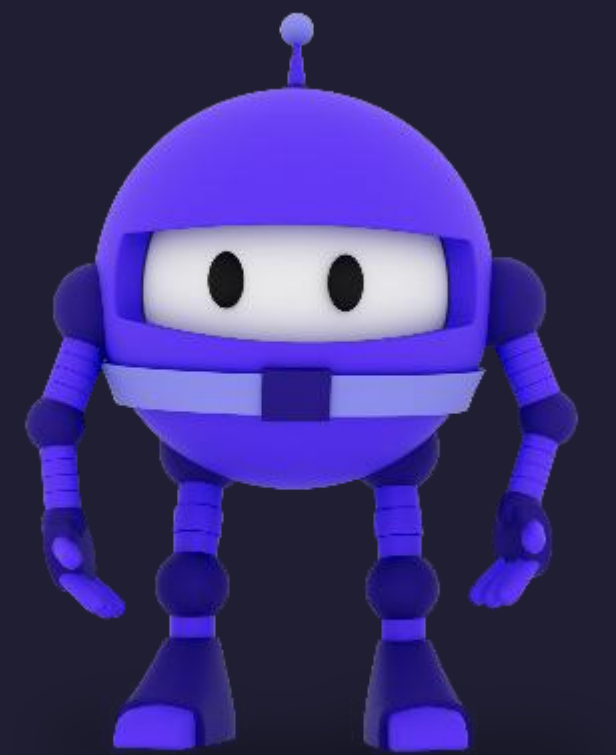
mongoDB

OpenAI

SendGrid



03 Vulnerable Code



Thank you



gh.io/dotnetconf25-gh-security