

Securing software, together

We all play a role in securing the world's code—developers, maintainers, researchers, and security teams. On GitHub, teams work together to secure the world's software at every step.



GitHub's approach to security

Automated updates



Automated security updates keep projects secure and up to date by monitoring them for vulnerable components

Protecting codebases



Works with security researchers, maintainers, and developers to prevent new vulnerabilities from entering software projects

Security alerts



Tracks vulnerabilities in packages from supported package managers using data from security researchers, maintainers, and the National Vulnerability Database

Secret scanning



Watches public and private repositories for known secret formats and immediately notifies either the secret provider or private repository admins when secrets are found

