

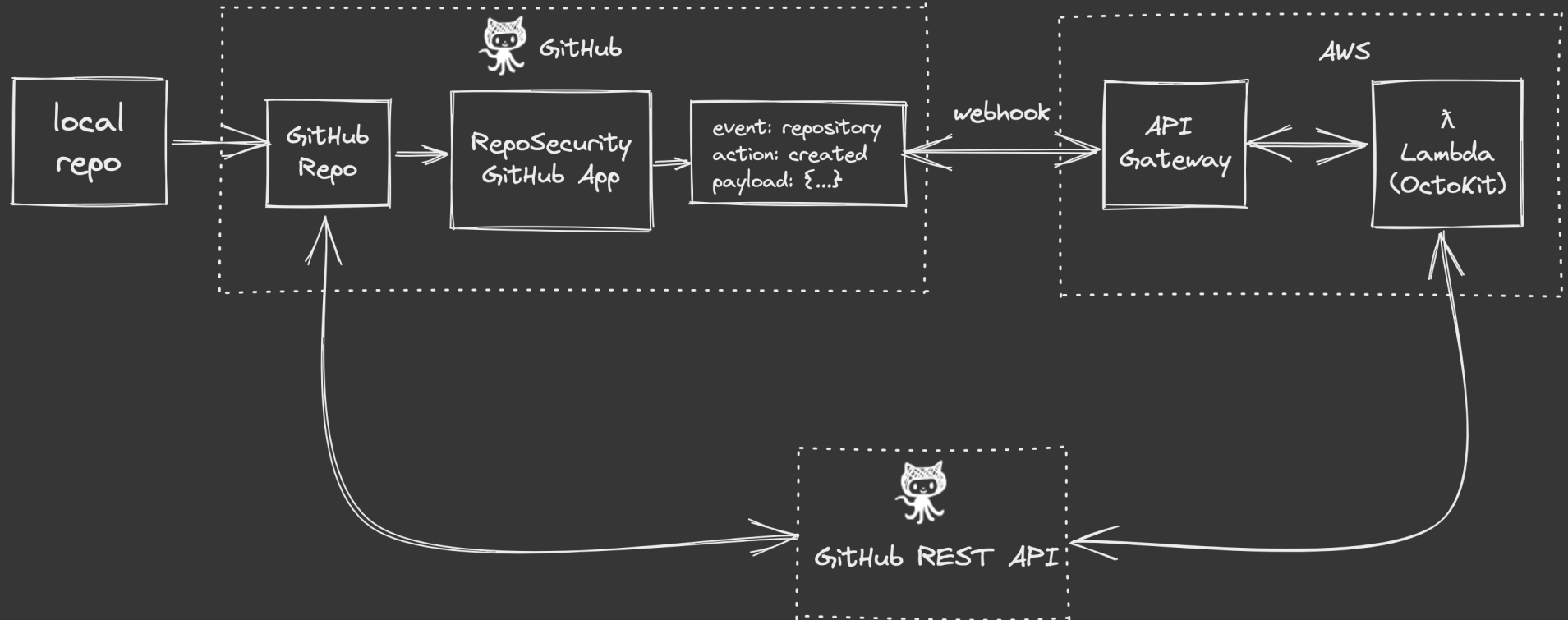
SECURE GITHUB REPOSITORIES AT SCALE

GITHUB APPS



Introducing... Repo Security

Repo Secure Architecture

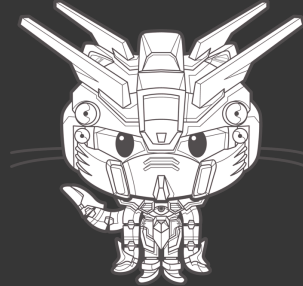


SECURITY BEST PRACTICES

- README
- CODEOWNERS
- .gitignore
- Security Policy
- Default branch protections



OCTOKIT & THE GITHUB API



```
import { Octokit } from '@octokit/rest';
import { createAppAuth } from '@octokit/auth-app';

const octokit = new Octokit({
  authStrategy: createAppAuth,
  auth: {
    appId: process.env?.GH_APP_ID || '',
    privateKey: ghRepoSecurePK,
    installationId: process.env.INSTALLATION_ID
  }
});
```

CODEQL ANALYSIS

Discover vulnerabilities across a codebase



ORGANIZATION SETTINGS

- Dependabot alerts
- Dependabot security updates



RECOMMENDATIONS



Secret Scanning and Advanced Security

Private Beta for protected pushes

DEMO



NEXT STEPS

The software isn't finished until the last user signs out.

- Anonymous



INNERSOURCE



Build a collaborative software development culture

[GitHub Whitepaper](#)

[More Information](#)

Questions 🤔