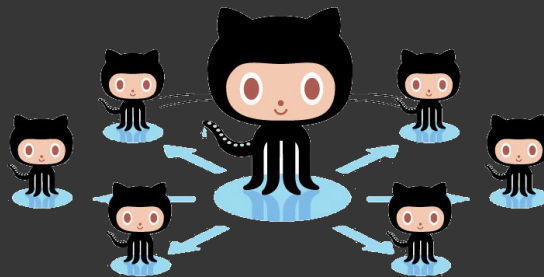


# SECURE GITHUB REPOSITORIES AT SCALE

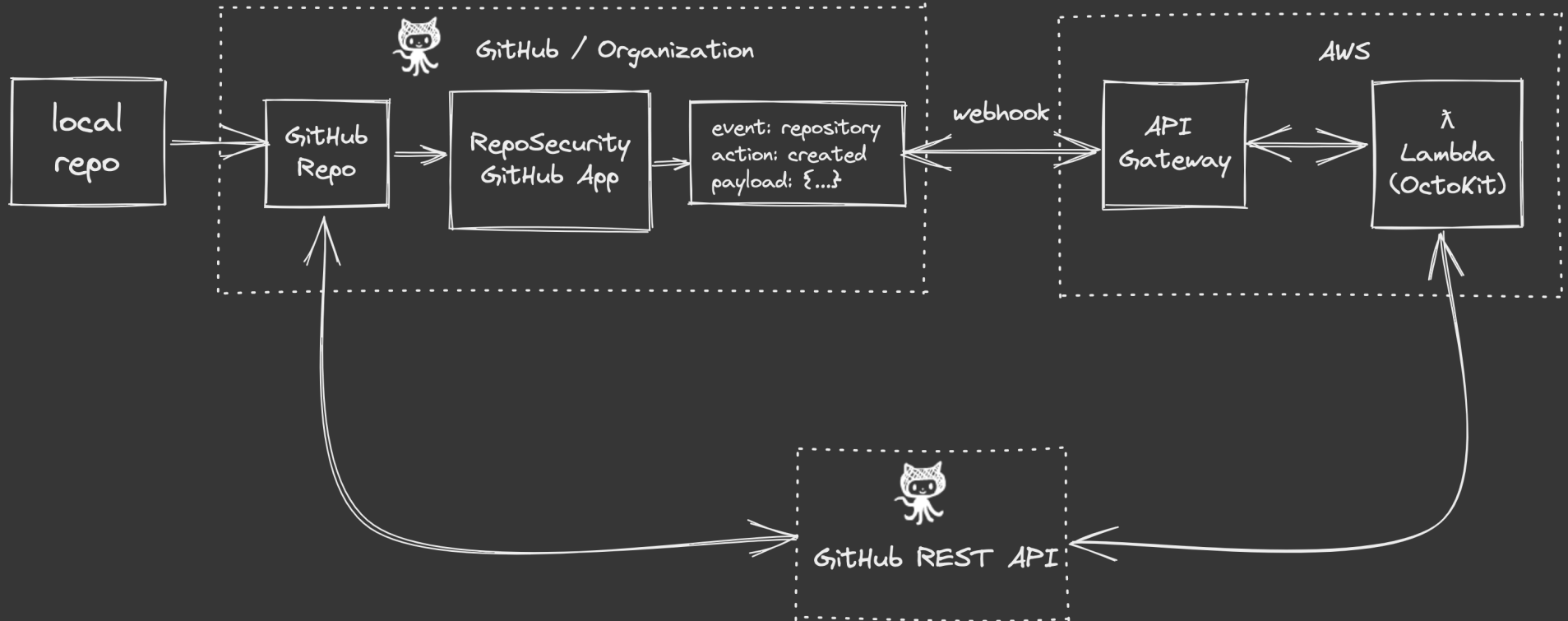
# GITHUB APPS

Apps on GitHub allow you to automate and improve your workflow.



Introducing... [Repo Security](#)

# Repo Secure Architecture

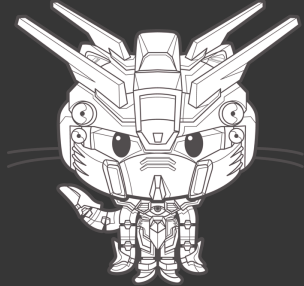


# SECURITY BEST PRACTICES

- Default branch protections
- Readme
- Codeowners
- .gitignore
- Security Policy



# OCTOKIT & THE GITHUB API



*"Official clients for 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 });

// enable vulnerability alerts
await octokit.rest.repos.enableVulnerabilityAlerts({ owner, repo });
```

# ORGANIZATION SETTINGS

- Dependabot alerts
- Dependabot security updates



# CODEQL ANALYSIS

Discover vulnerabilities across a codebase.\*



\*free on public repos

# ADDITIONAL RECOMMENDATIONS



Code scanning, Secret Scanning and Dependency reviews

- 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 🤔