SonarQube Pull-request Decoration (GitHub Integration)
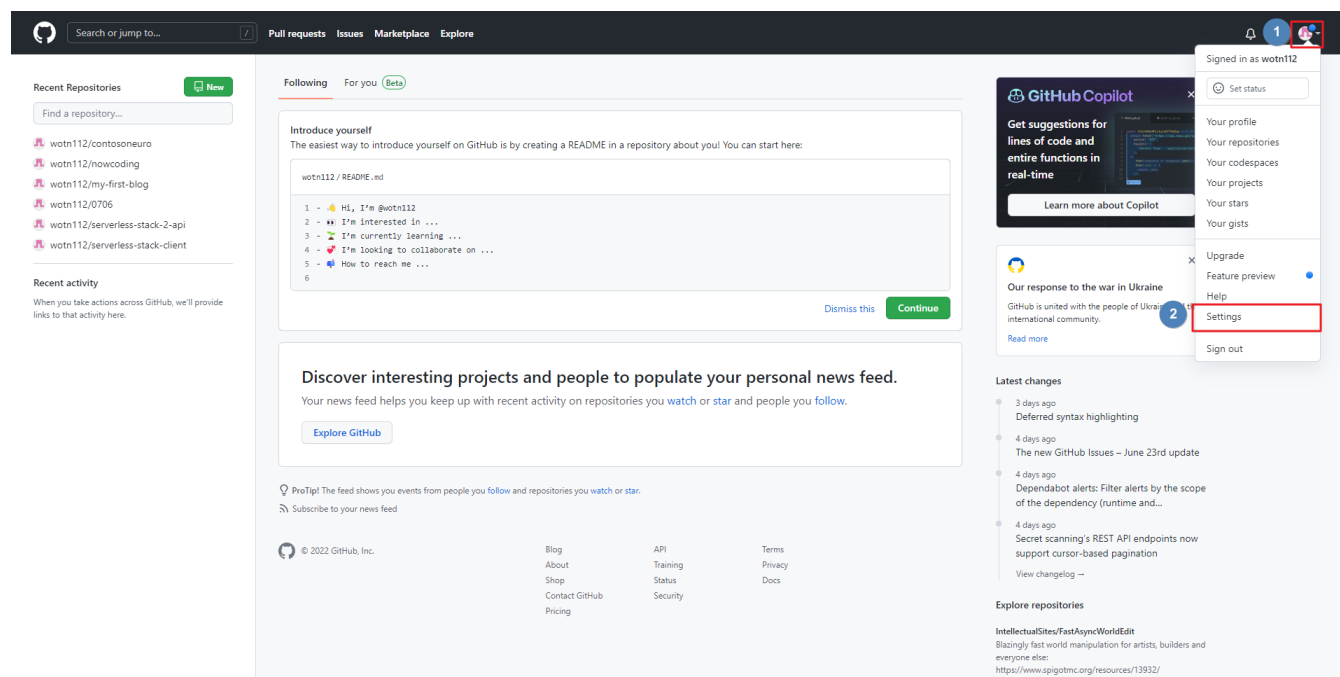
이 문서는 SonarQube Pull-request Decoration (GitHub Integration) 가이드를 공유하기 위해 작성되었다.

도구명	Sonarqube Enterprise, Github
버전	Sonarqube: 8.9.8
비고	

- Github App 만들기
- Github App 설정 및 연동
- 참조 링크

Github App 만들기

- Github 상단 Profile → Settings 선택

- Developer settings → New GitHub App 선택

You have set your email address to private. To toggle email privacy, go to email settings and uncheck "Keep my email address private."

✏️ Edit

Emails
Password and authentication
SSH and GPG keys
Organizations
Moderation ⌄

Bio

Tell us a little bit about yourself

You can @mention other users and organizations to link to them.

URL

Code, planning, and automation
Repositories
Packages
GitHub Copilot
Pages
Saved replies

Twitter username

Company

You can @mention your company's GitHub organization to link it.

Security
Code security and analysis

Location

All of the fields on this page are optional and can be deleted at any time, and by filling them out, you're giving us consent to share this data wherever your user profile appears. Please see our privacy statement to learn more about how we use this information.

Integrations
Applications
Scheduled reminders

Update profile

Archives
Security log
Sponsorship log

Contributions & Activity

☐ **Make profile private and hide activity** (Beta)
Enabling this will hide your contributions and activity from your GitHub profile and from social features like followers, stars, feeds, leaderboards and releases.

[<> **Developer settings**]

☐ **Include private contributions on my profile**
Your contribution graph, achievements, and activity overview will show your private contributions without revealing any repository or organization information. Read more.

Update preferences

🔍 Search or jump to... /   **Pull requests**   **Issues**   **Marketplace**   **Explore**   🔔 + ⌄ 👤⌄

Job queued to delete GitHub App. It may take a few minutes to complete.   ✕

Settings / Developer settings

⊞ **GitHub Apps**
👤 OAuth Apps
🔑 Personal access tokens

GitHub Apps

[New GitHub App]

Want to build something that integrates with and extends GitHub? Register a new GitHub App to get started developing on the GitHub API. You can also read more about building GitHub Apps in our developer documentation.

🐙 © 2022 GitHub, Inc.   Terms   Privacy   Security   Status   Docs   Contact GitHub   Pricing   API   Training   Blog   About

- 해당 값들 입력

1. **GitHub App Name** : 임의
2. **Homepage URL** : 회사 Url
3. **Callback URL** : https://[Sonarqube.base.url]
4. **Webhook URL** : https://[Sonarqube.base.url]

5. **저장소 권한**:

| Permission	Access
Checks	Read & write
GitHub Enterprise: Repository metadata **GitHub.com:** Metadata (this setting is automatically set by GitHub)	Read-only
Pull Requests	Read & write
Commit statuses	Read-only

For private repositories, grant access to the following **Repository permissions**:

Permission	Access
Contents	Read-only

If setting up **GitHub Authentication**, in addition to the aforementioned Repository permissions, grant access for the following **User permissions**:

Permission	Access
Email addresses	Read-only

And grant access for the following **Organization permissions**:

Permission	Access
Members	Read-only
Projects	Read-only

6. **Where can this GitHub App be installed?** - Any account

Github App 설정 및 연동

- Github App 설정하기

1. App ID, Client ID 저장
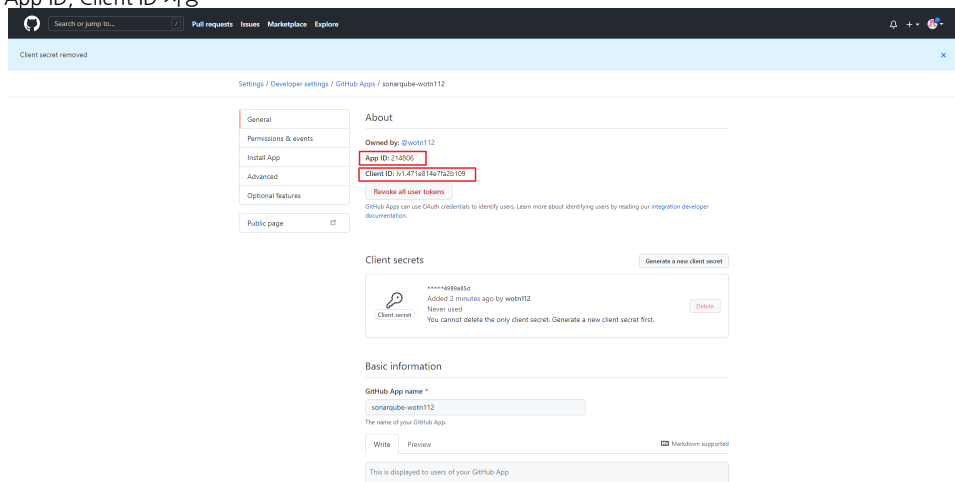
2. Client Secrets: Generate a new client secret 선택 후 해당 값 저장
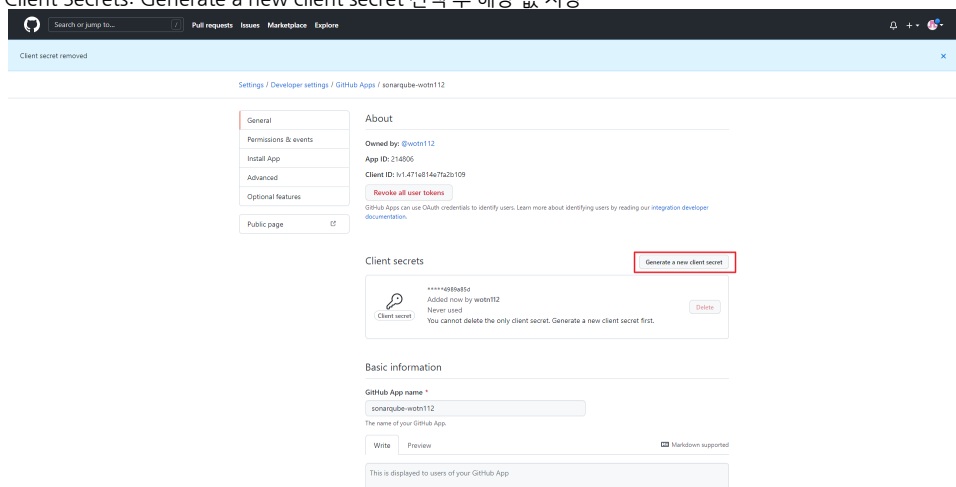
3. Private Keys: Generate a Private Key 선택 후 해당 값 메모장에 복사
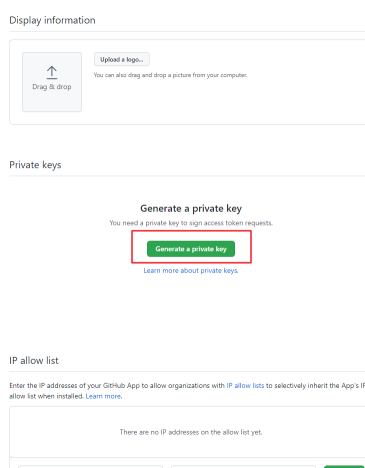
- Github App 설치: Settings → Developer Settings → GitHub Apps → Install App
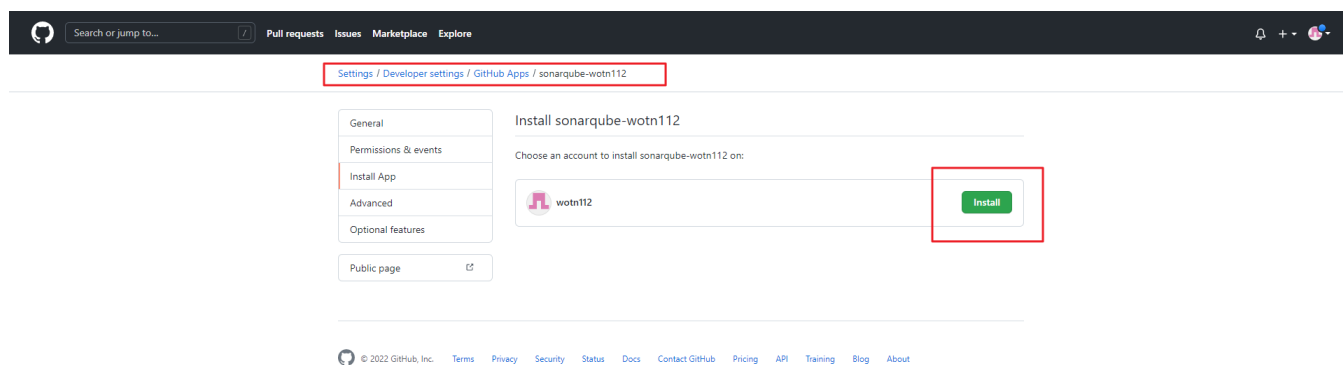
- Sonarqube 웹페이지 → Administration → Configuration → General Settings → DevOps Platform Integrations → GitHub
  Enterprise인 경우: Administration → Configuration → ALM integrations

1. Create configuration 선택
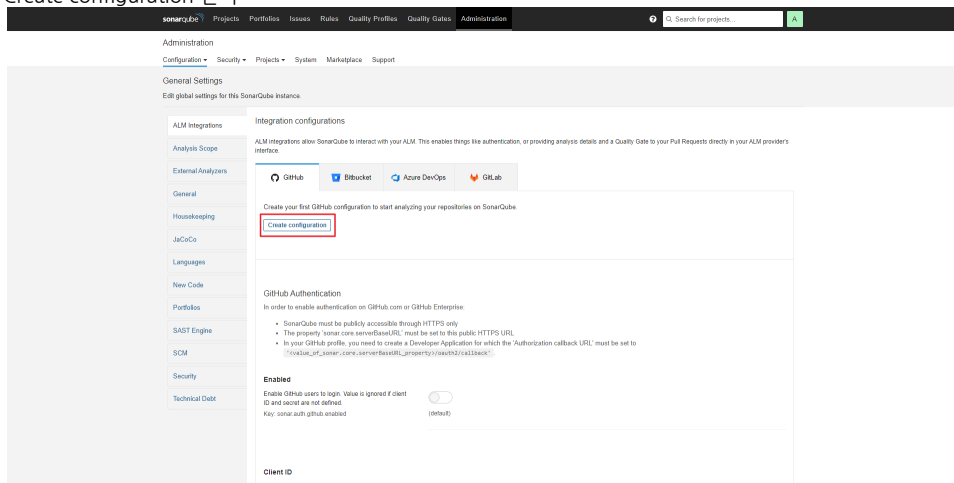
2. **Configuration Name** (Enterprise and Data Center Edition only): 임의
   GitHub URL: 회사 Github: `https://github.company.com/api/v3` 공용 Github: `https://api.github.com`
   GitHub App ID: 'Github App 설정하기`의 App ID
   Client ID: 'Github App 설정하기`의 Client ID
   Client secret: 'Github App 설정하기`의 Client secret
   Private Key: 'Github App 설정하기`의 Private Key

- 확인

참조 링크

공식문서

- Github 연동 문서
- Sonarqube Docs-Pull Request Analysis