



Integrations: Webhooks and APIs

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Section Goal:

Enabling a CI/CD workflow with GitHub Enterprise.



Topics and Agenda:

- **Webhooks**
- **APIs**
- **Integrations Directory**

Webhooks

[Webhooks](#) provide a way for notifications to be delivered to an external web server whenever certain actions occur on a repository or organization.

Webhooks can be triggered whenever a variety of actions are performed on a repository or an organization. For example, you can configure a webhook to execute whenever:

- **A repository is pushed to**
- **A pull request is opened**
- **A GitHub Pages site is built**
- **A new member is added to a team**

Using the GitHub API, you can make these webhooks update an external issue tracker, trigger CI builds, update a backup mirror, or even deploy to your production server.

For help on building a webhook, including a full list of actions you can associate with, visit our [Developer guide](#).

GitHub Enterprise supports the same powerful API available on GitHub.com as well as its own set of API endpoints. You can find a list of these endpoints [here](#).

All API endpoints—except Management Console API endpoints—are prefixed with the following URL:

```
http(s)://hostname/api/v3/
```

Management Console API endpoints are only prefixed with a hostname:

```
http(s)://hostname/
```

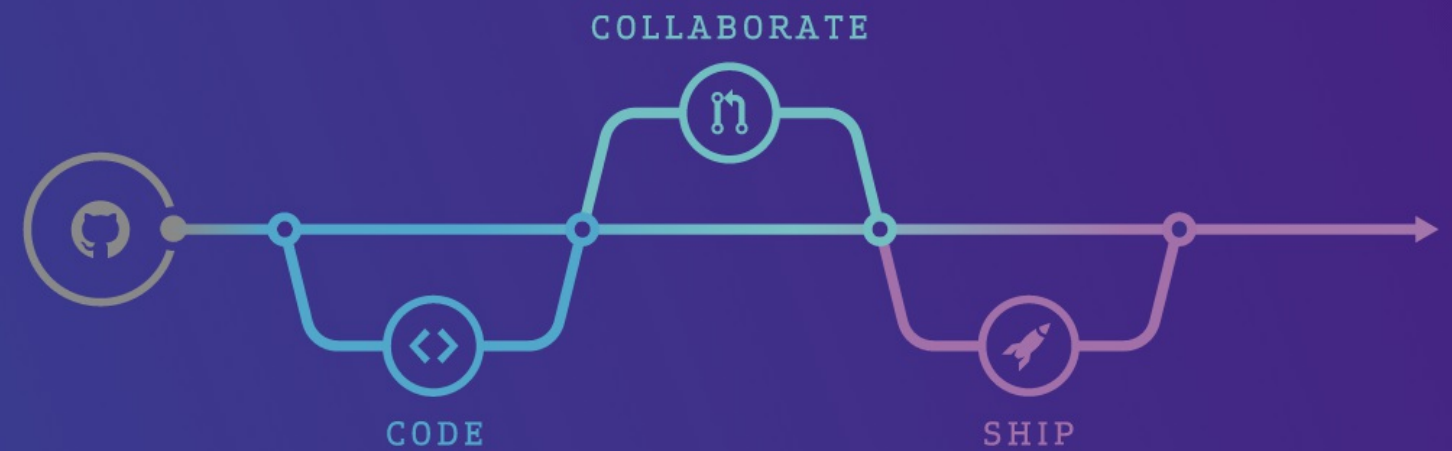
Enterprise API endpoints accept the same authentication methods as the GitHub.com API. Specifically, you can authenticate yourself with [OAuth tokens](#) (which can be created using the Authorizations API) or [basic authentication](#).

Integrations Directory

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Use your favorite tools with GitHub.

Powerful integrations that help you and your team build software better, together.



<> Integrations / [Code](#)

GitHub works with the tools you use to write code and deliver software, including editors, IDEs, and continuous integration services.

🔗 Integrations / [Collaborate](#)

Use GitHub with the apps and services that help you chat, track your progress, and work better with your team.

🚀 Integrations / [Ship](#)

Deploy software directly from your repositories using continuous deployment services.