

GitHub

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Available as of Camel 2.15

The GitHub component interacts with the GitHub API by encapsulating [egit-github](#). It currently provides polling for new pull requests, pull request comments, tags, and commits. It is also able to produce comments on pull requests, as well as close the pull request entirely.

Rather than webhooks, this endpoint relies on simple polling. Reasons include:

- Concern for reliability/stability
- The types of payloads we're polling aren't typically large (plus, paging is available in the API)
- The need to support apps running somewhere not publicly accessible where a webhook would fail

Note that the GitHub API is fairly expansive. Therefore, this component could be easily expanded to provide additional interactions.

Maven users will need to add the following dependency to their pom.xml for this component:

```
<dependency>
  <groupId>org.apache.camel</groupId>
  <artifactId>camel-github</artifactId>
  <version>${camel-version}</version>
</dependency>
```

URI format

```
github://endpoint[?options]
```

Mandatory Options:

Note that these can be configured directly through the endpoint.

Option	Description
username	GitHub username, required unless oauthToken is provided
password	GitHub password, required unless oauthToken is provided
oauthToken	GitHub OAuth token, required unless username & password are provided
repoOwner	GitHub repository owner (organization)
repoName	GitHub repository name

Consumer Endpoints:

Endpoint	Context	Body Type
pullRequest	polling	org.eclipse.egit.github.core.PullRequest
pullRequestComment	polling	org.eclipse.egit.github.core.Comment (comment on the general pull request discussion) or org.eclipse.egit.github.core.CommitComment (inline comment on a pull request diff)
tag	polling	org.eclipse.egit.github.core.RepositoryTag
commit	polling	org.eclipse.egit.github.core.RepositoryCommit

Producer Endpoints:

Endpoint	Body	Message Headers
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pullRequestComment	String (comment text)	<ul style="list-style-type: none"> GitHubPullRequest (integer) (REQUIRED): Pull request number. GitHubInResponseTo (integer): Required if responding to another inline comment on the pull request diff. If left off, a general comment on the pull request discussion is assumed.
closePullRequest	none	<ul style="list-style-type: none"> GitHubPullRequest (integer) (REQUIRED): Pull request number.
createIssue (From Camel 2.18)	String (issue body text)	<ul style="list-style-type: none"> GitHubIssueTitle (String) (REQUIRED): Issue Title.

URI Options

Name	Default Value	Description
delay	60	in seconds