title: Logagent input plugin for GitHub Webhook Events description: Logagent features modular logging architecture framework where each input or output module is implemented as a plugin. Logagent can receive GitHub Webhook events via HTTP.

Input Plugin: GitHub Webhook Events

Input plugin to receive GitHub Webhook Events via HTTP and send them to Sematext Events.

Features:

- List all crucial GitHub events in the Sematext Events stream

Applications:

- centralize GitHub Webhook Events
- act as Webhook to receive GitHub Webhook Events
- index GitHub Webhook Events in Elasticsearch or Sematext Cloud
- create alerts on GitHub Webhook Events in Sematext Cloud

Requirements:

- configure the GitHub API to send Events via Webhook

Configuration

```yaml
# github.yml

input:
  github-webhook:
    module: input-github-webhook
    port: 9200
    useIndexFromUrlPath: true
    tags:
      - github
      - webhook
      - notification

output:
  st-events:
    module: output-sematext-events
    receiver: https://event-receiver.apps.sematext.com

    # if you use our EU region
    # receiver: https://event-receiver.apps.eu.sematext.com
```

Start Logagent:

```
logagent --config github.yml
```

This will start a Node.js server and run on port 9200.

Once you've done that, go ahead and create a Monitoring App in Sematext. Grab the TOKEN and keep it somewhere safe.

The Logagent server will listen for API calls on port 9200 (default) to the `/github/<MONITORING_APP_TOKEN>` route. To configure routing GitHub Webhook Events to Sematext Events you need to enable it through the GitHub API.

The final full URL you need to configure the GitHub API will be `https://<YOUR_DOMAIN>/github/<MONITORING_APP_TOKEN>`.

You need to run the command below to tell the GitHub API to send Webhooks events to this Logagent GitHub input plugin. Don't forget to generate an API token. Check this out to learn how.

```
curl -X POST \
  https://api.github.com/repos/<YOUR_GITHUB_USERNAME>/<YOUR_GITHUB_REPO>/hooks \
  -H 'authorization: token <YOUR_GITHUB_API_V3_TOKEN>' \
  -H 'cache-control: no-cache' \
  -d '{
  "config": {
    "url": "https://<YOUR_DOMAIN>/github/<TOKEN>"
  },
  "events": [
    "issues",
    "issue_comment",
    "pull_request",
    "pull_request_review",
    "pull_request_review_comment",
    "commit_comment",
    "push",
    "release",
    "create",
    "delete"
  ]
}'
```

That's it. GitHub will send events to your Logagent instance and this GitHub input plugin will funnel events to the Sematext Events stream.