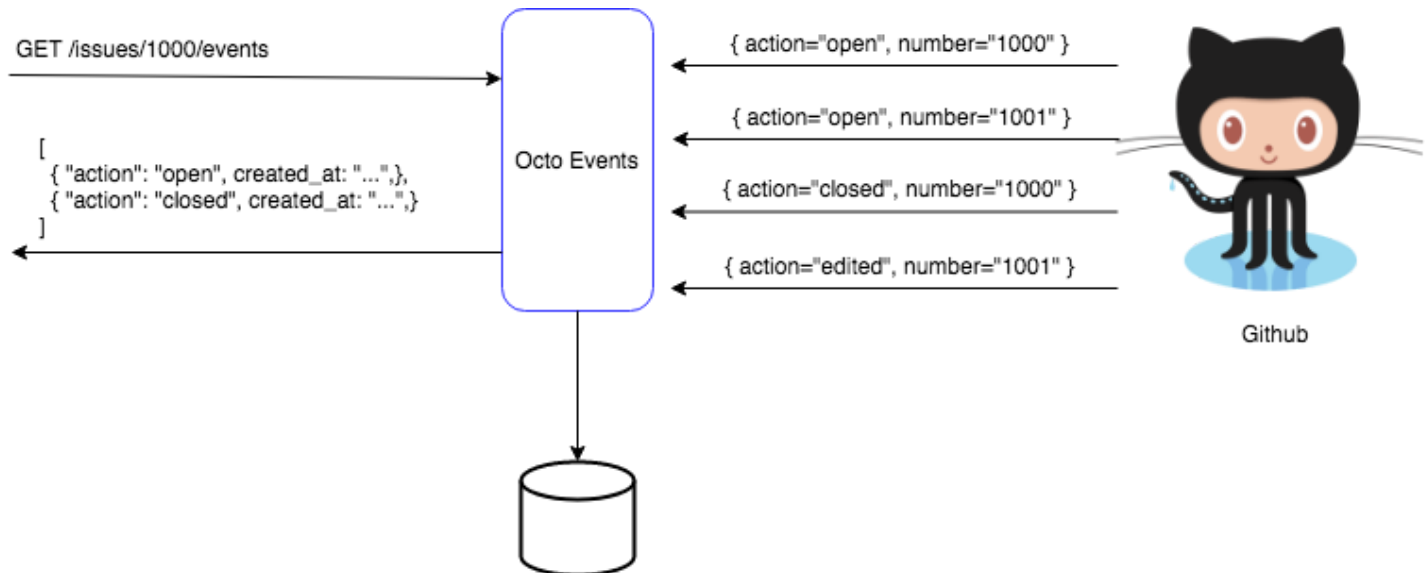


# Octo Events

Octo Events is an application that listens to Github Events via webhooks and expose by an api for later use.



The test consists in building 2 endpoints:

## 1) Webhook Endpoint

The Webhook endpoint receives events from Github and saves them on the database, in order to do that you must read the following docs:

- Webhooks Overview: <https://developer.github.com/webhooks/>
- Creating Webhooks : <https://developer.github.com/webhooks/creating/>

## 2) Events Endpoint

The Events endpoint will expose the persist the events by an api that will filter by issue number

### Request:

GET /issues/1000/events

### Response:

200 OK

```
[
  { "action": "open", created_at: "...", },
  { "action": "closed", created_at: "...", }
]
```

## Github Integration Instructions

- The repo you will integrate is: "improving/jaya-test"
- Use Basic Authentication with login: "xxx" and password: "xxx"
- Tip: You can use ngrok (<https://ngrok.com/>) to install / debug the webhook calls, it generates a public url that will route to your local host:

Local

```
$ sudo ngrok http 4000
```

```
ngrok by @inconshreveable (Ctrl+C to quit)

Session Status      online
Session Expires     7 hours, 56 minutes
Version             2.2.8
Region              United States (us)
Web Interface        http://127.0.0.1:4040
Forwarding           http://c82a0843.ngrok.io -> localhost:4000
Forwarding           https://c82a0843.ngrok.io -> localhost:4000

Connections         ttl    opn    rt1    rt5    p50    p90
                   0      0      0.00   0.00   0.00   0.00
```

GitHub

Webhooks / Add webhook

**Note:** GitHub Services are being deprecated. Please contact your integrator for more information on how to migrate or replace a service to [webhooks](#) or [GitHub Apps](#).

We'll send a POST request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, x-www-form-urlencoded, etc). More information can be found in [our developer documentation](#).

Payload URL \*

## Final Observations

- Use any library / framework / gem you want, you don't have to do anything "from scratch"
- Make tests, use your favorite framework for that
- Create a README.md with instructions to run the project
- Good luck and have fun :-)