

Assignment 3: SlackChannel

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GitHub link:

https://github.com/Jaimy-monsuur/Github_webhook_Slack_App_Azure_FunctionApp

Slack app

Your Apps

Create New App

App Name	Workspace	Distribution Status
 Github webhook	azure_testing	Not distributed

Create a new slack app and select from **From scratch**. And add it to your workspace.

Add features and functionality

Choose and configure the tools you'll need to create your app (or review all [our documentation](#)).

Building an internal app locally or behind a firewall?
To receive your app's payloads over a WebSockets connection, enable [Socket Mode](#) for your app.

Incoming Webhooks
Post messages from external sources into Slack.

Interactive Components
Add components like buttons and select menus to your app's interface, and create an interactive experience for users.

Select incoming webhook and add it to your workspace. You will get a secret key that you can use for the slack api.

<https://hooks.slack.com/services/xxxxxxxxxx/xxxxxxxxxx/xxxxxxxxxxxxxxxxxxxxxxxxxx>

General

Access

Collaborators

Code and automation

Branches

Tags

Rules

Actions

Webhooks

Environments

Codespaces

Pages

Security

Webhooks / Manage webhook

SettingsRecent Deliveries

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 *

https://6676-2a02-a454-faf1-1-f197-c689-bfa4-b14f.ngrok.io/api/G

Content type

application/json

Secret

Application Set up

```
{
  "IsEncrypted": false,
  "Values": {
    "AzureWebJobsStorage": "UseDevelopmentStorage=true",
    "FUNCTIONS_WORKER_RUNTIME": "dotnet-isolated",
    "MyDatabaseConnection": "UseDevelopmentStorage=true", //URL here or
    use UseDevelopmentStorage=true for local testing using azurite
    "MySlackURL":
      "https://hooks.slack.com/services/xxxxxxxxxx/xxxxxxxxxx/xxxxxxxxxxxxxxxx
      xxxxxxxx"
  }
}
```

```
HTTP Requests
-----
POST /api/Github_HttpTrigger 200 OK
```


```

Functions:
GetAll_HttpTrigger: [GET] http://localhost:7259/api/GetAll
GetById_HttpTrigger: [GET] http://localhost:7259/api/GetById/{rowkey}
GetRepo_HttpTrigger: [GET] http://localhost:7259/api/GetByRepo/{partitionkey}
Github_HttpTrigger: [POST] http://localhost:7259/api/Github_HttpTrigger

For detailed output, run func with --verbose flag.
[2023-10-24T13:41:49.837Z] Azure Functions .NET Worker (PID: 340) initialized in debug mode. Waiting for debugger to attach...
[2023-10-24T13:41:50.445Z] Worker process started and initialized.
[2023-10-24T13:41:53.231Z] Host lock lease acquired by instance ID '00000000000000000000000002B70E967'.
[2023-10-24T13:44:36.125Z] Executing 'Functions.Github_HttpTrigger' (Reason: 'This function was programmatically called via the host APIs.', Id=79decdb6e-319e-4d97-89dd-c5c019ac7alb)
[2023-10-24T13:44:36.656Z] HTTP trigger function processed a Github webhook request
[2023-10-24T13:44:37.079Z] Payload sent to Slack successfully.
[2023-10-24T13:44:37.239Z] Payload sent to Slack successfully.
[2023-10-24T13:44:37.384Z] Payload sent to Slack successfully.
[2023-10-24T13:44:37.397Z] Attempting to log a log commit.
[2023-10-24T13:44:37.536Z] Executed 'Functions.Github_HttpTrigger' (Succeeded, Id=79decdb6e-319e-4d97-89dd-c5c019ac7alb, Duration=1431ms)
[2023-10-24T13:45:29.978Z] Executing 'Functions.GetAll_HttpTrigger' (Reason: 'This function was programmatically called via the host APIs.', Id=f04f4387e-b3ed-445f-aeb7-b9cfa461d69f)
[2023-10-24T13:45:30.014Z] HTTP trigger function processed a GetAll request
[2023-10-24T13:45:30.071Z] Executed 'Functions.GetAll_HttpTrigger' (Succeeded, Id=f04f4387e-b3ed-445f-aeb7-b9cfa461d69f, Duration=94ms)
[2023-10-24T13:45:43.614Z] Executing 'Functions.GetByRepo_HttpTrigger' (Reason: 'This function was programmatically called via the host APIs.', Id=3165c327-ad9a-4557-ae5b-c8a61b90e3e)
[2023-10-24T13:45:43.628Z] HTTP trigger function processed a GetByRepo request
[2023-10-24T13:45:43.529Z] Attempting to retrieve data by PartitionKey: 699476871
[2023-10-24T13:45:43.538Z] Executed 'Functions.GetByRepo_HttpTrigger' (Succeeded, Id=3165c327-ad9a-4557-ae5b-c8a61b90e3e, Duration=25ms)
[2023-10-24T13:46:05.392Z] Executing 'Functions.GetById_HttpTrigger' (Reason: 'This function was programmatically called via the host APIs.', Id=d100ade9-7adf-4b27-adf9-6baef09ec1ba)
[2023-10-24T13:46:05.406Z] HTTP trigger function processed a GetById request
[2023-10-24T13:46:05.407Z] Attempting to retrieve data by RowKey: 0201533ab2cc45a2b814c2796832c9766b1800
[2023-10-24T13:46:05.414Z] Executed 'Functions.GetById_HttpTrigger' (Succeeded, Id=d100ade9-7adf-4b27-adf9-6baef09ec1ba, Duration=23ms)

```

Results slack



Github webhook

APP

3:44 PM

Commit was made to Github_webhook_Slack_App_Azure_FunctionApp under the branch: master.
The commit was done by jaimy monsuur.
Message: fixed multiple commits in one push.
Timestamp: 10/24/2023 15:43:31.

Commit was made to Github_webhook_Slack_App_Azure_FunctionApp under the branch: master.
The commit was done by jaimy monsuur.
Message: testing multiple commits 1
Timestamp: 10/24/2023 15:44:11.

Commit was made to Github_webhook_Slack_App_Azure_FunctionApp under the branch: master.
The commit was done by jaimy monsuur.
Message: testing multiple commits 2
Timestamp: 10/24/2023 15:44:26.

Results table storage

GithubLogs

x

Query

Import

Export

Add

Edit

Select All

Column Options

Delete

Table Statistics

Refresh

PartitionKey	RowKey	Timestamp	repoName	repositoryId	branchName
699476871	02b115a3ab2cc45a2b814c27b96...	2023-10-24T13:44:37.4211463Z	Github_webhook_Slack_App_Azur...	699476871	master
699476871	79bc2a8a17756d6aca580ae0c3a1...	2023-10-24T13:44:37.4251502Z	Github_webhook_Slack_App_Azur...	699476871	master
699476871	a970e4c472a25679c741542d6e0...	2023-10-24T13:44:37.3921184Z	Github_webhook_Slack_App_Azur...	699476871	master