

Abstract

Send jenkins response to slack as a thread against user's command.

Operating environment & tools

Operating system : Ubuntu 16.04

Tool : Jenkins, Slack

Web api : chat.postMessage (slackApi)

Plugin : Jenkins CI (slack integration with jenkins)

Custom app : bot user from slack app

Design and Implementation

Step 1:

Create slack app and integrate it with workspace.

Step 2:

Create bot user in slack app in order to receive jenkins's response

Step 3:

Installed & configured Jenkins CI plugin in workspace.

Step 4:

Configured jenkins (server) with Jenkins CI's access credentials

Step 5:

Build a pipeline to send Jenkin's Job response (success or failure) to the slack.

Step 6:

Parse the output from that Jenkin's Job response in order to fetch "fallback" (success or failure status) from the response.

Step 7:

Use Slack web api “chat.postMessage” to post message to the channel as a thread against that user’s command message.

References

https://github.com/bradtraversy/slack_jokebot

<https://abodetest.slack.com/apps/A0F7VRFKN-jenkins-ci>

<https://api.slack.com/methods/chat.postMessage>