Jeremiah Kellam

CSD380 Module 10.1 Discussion

7/18/2024

What is Hubot? Who uses it? What are some disadvantages of using Hubot?

Hello,

For the Module 10 discussion I will be covering what Hubot is, who uses it, and some of its disadvantages. First, ChatOps is a term coined by Jesse Newland at GitHub and is an approach to manage tech and business ops through a group chat room. A company chat client like [Slack](https://slack.com/) integrates with Hubot, Hubot will post images, translate languages, and extends with custom scripts. It needs a platform like Heroku to be deployed on (Beer). The point of Hubot is to automate routine tasks that frees up valuable time for members of teams to focus on the task at hand while reducing human error (Kurbegovic).

Here is a site listing some companies that use Hubot: [Companies that use Hubot (25) | TheirStack.com](https://theirstack.com/en/technology/hubot). A couple US companies are American Express Global Business Travel, Egencia, Innova, and Roblox. Yes, Roblox. It is interesting to see the broad areas that companies are based in while using Hubot.

Some recommend stopping the use of Hubot. Regular expressions are used to parse information and can prevent multi-argument plugins from being built. Commands and parameters are not able to be indexed resulting in brute force searching through help commands rather than a more intuitive way. Hubot and other ChatOps assistance tools that use regular expressions can’t be paired together leading to more and more plugins, or resulting halts when one system goes down (Krishnakumar). There are positive and negatives to any process, but it seems that Hubot (and others) are not able to adapt to the industry growth from the most recent article by Krishnakumar. Hope this coverage on the topic was interesting and informative.

Thank you for your time,

Jeremiah K.

Reference(s):

Beer, B. (2016, October 17). Meet Hubot: The DevOps chat bot. Opensource.com. <https://opensource.com/life/16/10/meet-hubot-devops-chat-bot>

Krishnakumar, V. (2018, May 25). Why you should stop using Hubot, Lita and Err for your ChatOps. Medium. <https://blog.yellowant.com/why-you-should-stop-using-hubot-lita-and-err-for-your-chatops-8355eaf62fbc>

Kurbegovic, E. (2023, November 22). Hubot ChatOps: Streamlining DevOps Workflows - Emer Kurbegovic - Medium. Medium. <https://medium.com/@emer.kurbegovic/hubot-chatops-streamlining-devops-workflows-bc826466dbc1>