Slackbot for Heroku

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Heroku

- Platform-as-a-Service (PaaS)
- Polyglot platform
- Instant Deployment with Git push, Dropbox or pipelines
- Add-on resources like databases can be provisioned
- Processes scaling - independent scaling for each component
- Isolation - each process (dyno) is completely isolated from each other
- Apps are deployed as slugs - a combination of the source code, built dependencies, the runtime, and compiled/generated output

Slack

- A cloud-based team collaboration tool
- Supports teams, messaging, file uploads, browser notifications etc
- Integration with major third-party services like Google Drive, Trello, Dropbox
- Multi-platform support
- Extensible through well-documented APIs
- Supports bot users

Chatbot

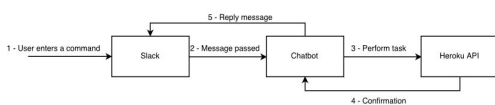A chatbot is a service, powered by rules and sometimes artificial intelligence

It conducts a conversation with a user via auditory or textual methods.

Companies use chatbots for a variety of reasons, for example for Customer Support, Human Resources, or even in Internet-of-Things (IoT) projects.

Malicious chatbots are frequently used to fill chat rooms with spam and advertising, or to entice people into revealing personal information

Most people spend more time on chat applications than on social media.

Implementation

Components - Heroku API, Slack API, Python chatbot hosted on Heroku

THANK YOU