

# Overengineering Your Chatbot

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for Fun and Science

Why chatbots?

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- Simple "request" -> "response" architecture

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- Simple "request" -> "response" architecture
- Language / Platform agnostic
- Everyone can contribute
- Useful! Rewarding and Fun!

## Creating a Chatbot for Slack with Node.js in 17 lines - JonathanMH

<https://jonathanmh.com/creating-chatbot-slack-node-js-17-lines/> ▼

Jan 16, 2018 - Creating a **Chatbot** for **Slack** with Node.js in 17 lines ... The botkit repository has some examples for bots for **slack**, but let's start even shorter ...

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### How to write a Slackbot in 40 lines of code – The Code Life

<https://mager.co/how-to-write-a-slackbot-in-40-lines-of-code-52cf0c4fcf42> ▼

Dec 28, 2015 - I'm part of the growing VNYL **Slack** community, where we **chat**... ... In lines 10–22 above, we're using the Node request library to pass in the ...

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### Build a "Serverless" Slack Bot in 9 Minutes with Node.js and StdLib

<https://medium.com/slack.../build-a-serverless-slack-bot-in-9-minutes-with-node-js-an...> ▼

Mar 21, 2017 - A few weeks ago we launched a quick guide to building an Alexa Skill... ... 1x **Slack** Team; 1x **Command Line Terminal**; 9x **Minutes** (or 540x ...)

Buzzwords...

>

**Containerized**

>

# Containerized distributed

>

**Containerized**

distributed

*highly available*

>

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*highly available*

~~open source Kubernetes chatbot~~

>

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powered by...

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powered by... Machine Learning

>

# Containerized... with Docker & Golang

Distributed and Highly  
Available... with k8s

# Distributed and Highly Available... with k8s

- Deployments

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- Deployments
- Liveness Probes

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- Deployments
- Liveness Probes
- Persistent Volumes

# Distributed and Highly Available... with k8s

- Deployments
- Liveness Probes
- Persistent Volumes
- Leader Election

# Powered by Machine Learning

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- Google DialogFlow

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- Google DialogFlow
- Amazon Lex

# Powered by Machine Learning

- Google DialogFlow
- Amazon Lex
- Rasa NLU

# Powered by Machine Learning

- Google DialogFlow
- Amazon Lex
- Rasa NLU
- Articulate

Done