

Build a Smart Bot with Slack, Block Kit and IBM Watson

—
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Sign up: ibm.biz/block-kit-watson-lab

Hi, I'm Dave

I'm a developer advocate for IBM in San Francisco. I also help organize:

- The SF JavaScript Meetup
- IBM Developer SF Meetup
- ForwardJS San Francisco && Ottawa

I participate in meetups, hackathons, webinars and write articles about technology for IBM and other organizations.

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Why Chatbots?



Projected market for chatbot technologies, 2024

\$9 . 4B

Source: [Business Insider](#)

Chatbot Compound Annual Growth Rate in North America

Source: [Business Insider](#)

31.2%

Why Chatbots?

"Technologies such as artificial intelligence, IoT, and APIs, among others, are evolving at a rapid speed. Chatbots are integrated with these technologies to offer enhanced operations, thereby driving market demand. Artificial intelligence and audio speech-based chatbots are expected to account for the largest market share in future." -*Grand View Research*



Introduction to Slack



Introduction to Slack

- Collaboration Hub
- File Sharing
- Meetings
- DevOps
- Sales
- Analytics
- Expenses
- Finance
- Other Integrations



Introduction to Slack

- Slash Commands
- Notifications
- Interactive Messages
- Dialogs
- Message Actions
- APIs
- Event APIs
- RTM API
- Other Integrations



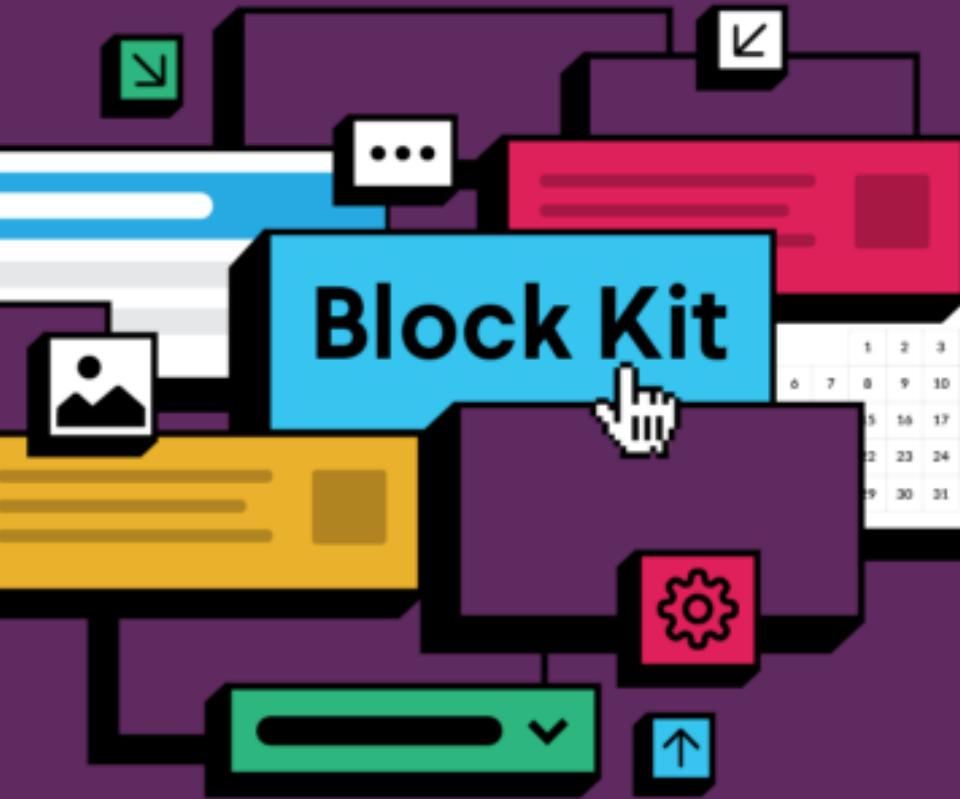
What is Block Kit?



slack

What is Block Kit?

- New message UI framework
- Stackable bits of message UI
- Block Kit Builder - visual prototyping tool



The Anatomy of a Slack Message

Your App APP 6:37 PM

Hello, Assistant to the Regional Manager Dwight! Michael Scott wants to know where you'd like to take the Paper Company investors to dinner tonight.

Please select a restaurant:

Farmhouse Thai Cuisine

★★★★★ 1528 reviews

They do have some vegan options, like the roti and curry, plus they have a ton of salad stuff and noodles can be ordered without meat!! They have something for everyone here



Kin Khao

★★★★★ 1638 reviews

The sticky rice also goes wonderfully with the caramelized pork belly, which is absolutely melt-in-your-mouth and so soft.



Ler Ros

★★★★★ 2082 reviews

I would really recommend the Yum Koh Moo Yang - Spicy lime dressing and roasted quick marinated pork shoulder, basil leaves, chili & rice powder.



Farmhouse Kin Khao Ler Ros

Section

Divider

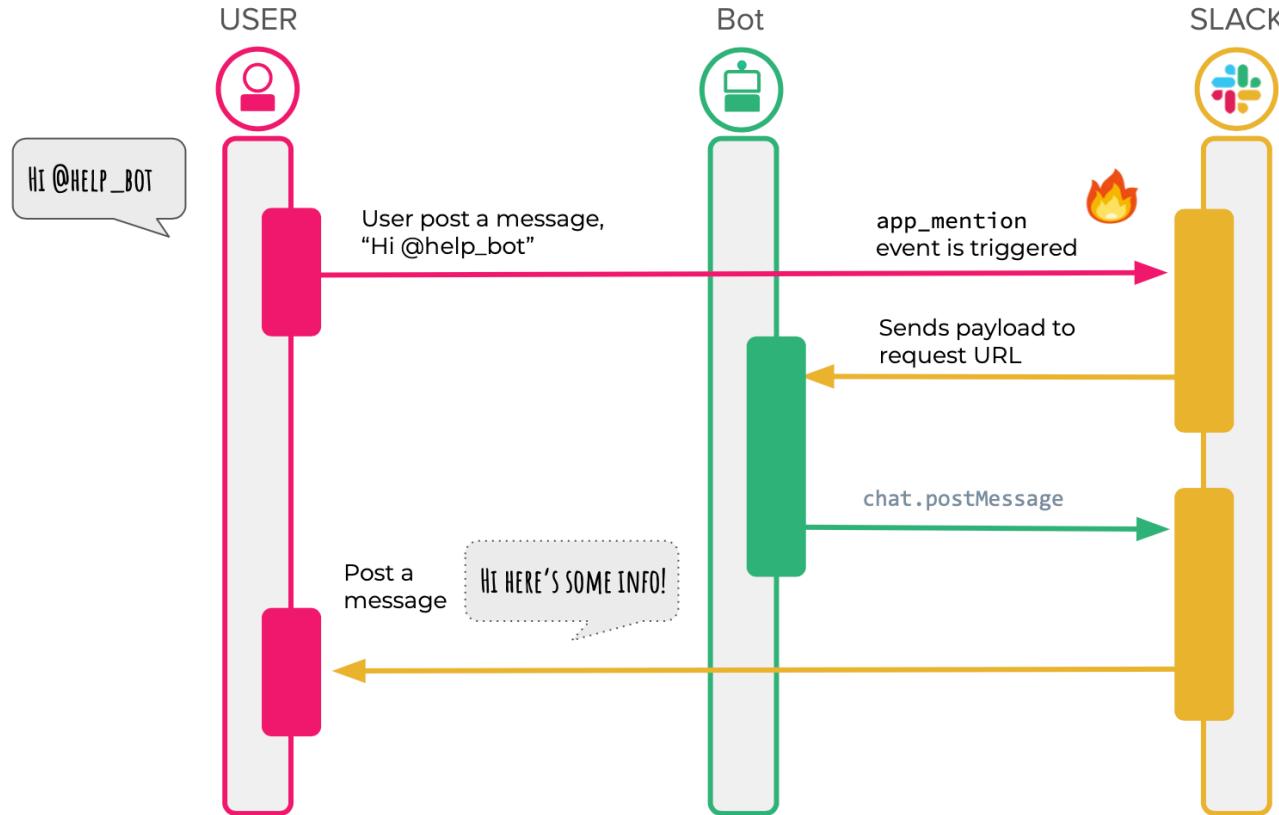
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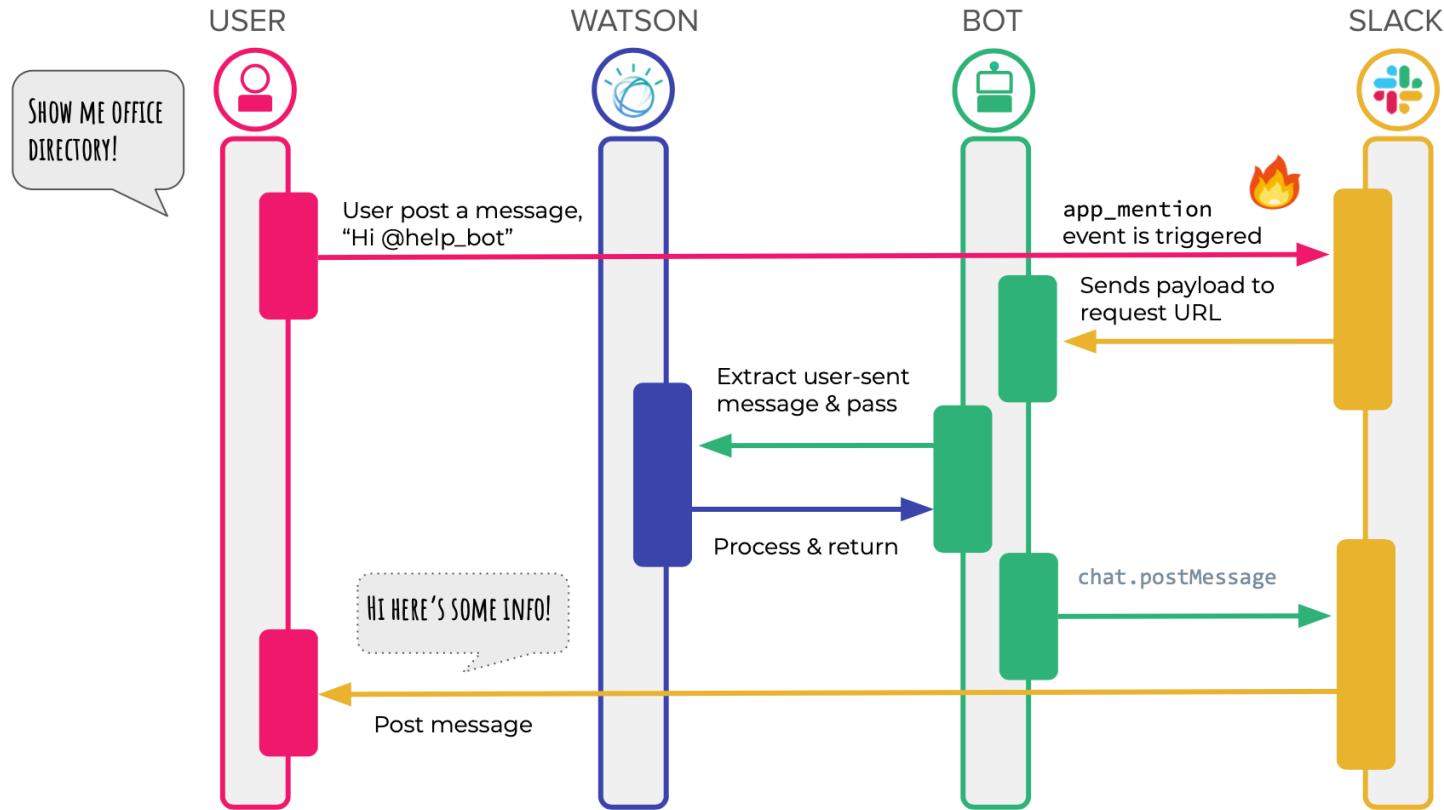
Actions

Elements

Slack Bot Message Passing



Slack Bot Message Passing with IBM Watson



Hands-on Lab:
ibm.biz/block-kit-watson-lab

Adding IBM Watson



slack

Resources

Slack API Docs: api.slack.com/

Slack Event Types: api.slack.com/events

Block Kit: api.slack.com/block-kit

Block Kit Builder: app.slack.com/block-kit-builder

Slack Node SDK: slack.dev/node-slack-sdk/

Watson Assistant: cloud.ibm.com/docs/assistant

Watson Node SDK: www.npmjs.com/package/ibm-watson



Build Smart



Online meetup
IBM Cloud Series - Getting Started with Serverless

Monday, June 15
Broadcast

IBM Cloud Series - Getting started with Serverless

Jun 15, 2020 9:30 am · 29 registered

Online Meetup
Model Monitoring

Deep Learning Hands-On Series

Friday, June 5, 3:30pm-5:00pm PT
Online

Deep Learning Hands-On Series - Monitoring

Jun 15, 2020 3:30 pm · 72 registered

Online
Have the world of IoT Data at your fingertips to play

Attendees will learn how multiple data sources can be combined to deliver new insights via use case examples

Tuesday - June 16th
Broadcast

Have the world of IoT Data at your fingertips to play

Jun 16, 2020 9:30 am · 10 registered

Pride Edition
IBM Visual Insights: Deep Learning & AI Vision at Blazing Speed

Join IBM Developer for a very special event to learn more about Deep Learning and Machine Vision purposes

Thursday, June 4
Broadcast

[Pride Edition] IBM Visual Insights: Deep Learning & AI Vision at Blazing Speed

Jun 16, 2020 4:00 pm · 9 registered

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7,619 members · Public group [?](#)



Organized by Angie K and 6 others

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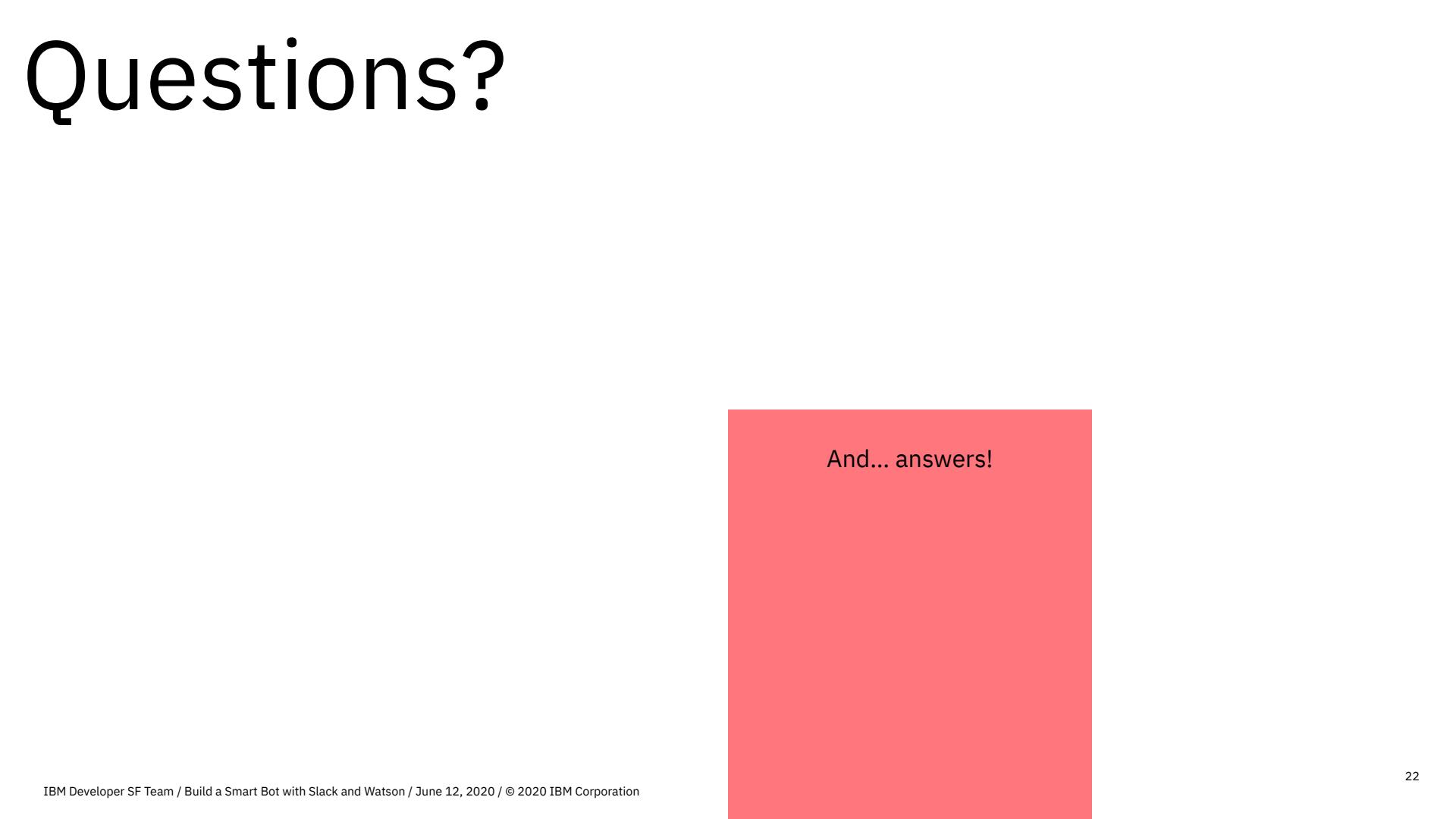
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Questions?



And... answers!

