

Building Slack Applications with Bolt.js

Conf42: JavaScript 2022

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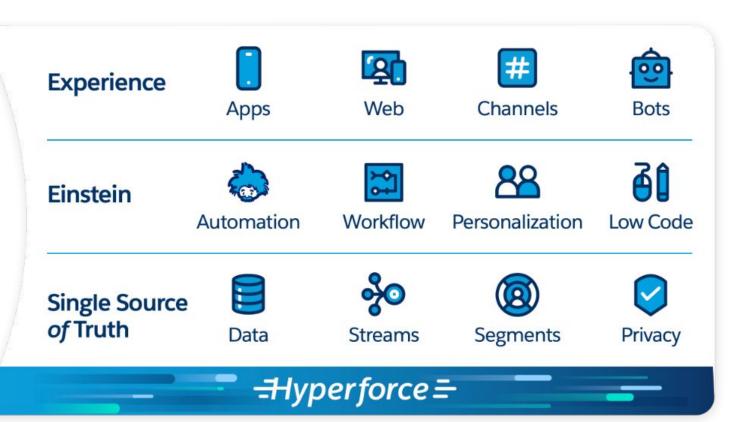


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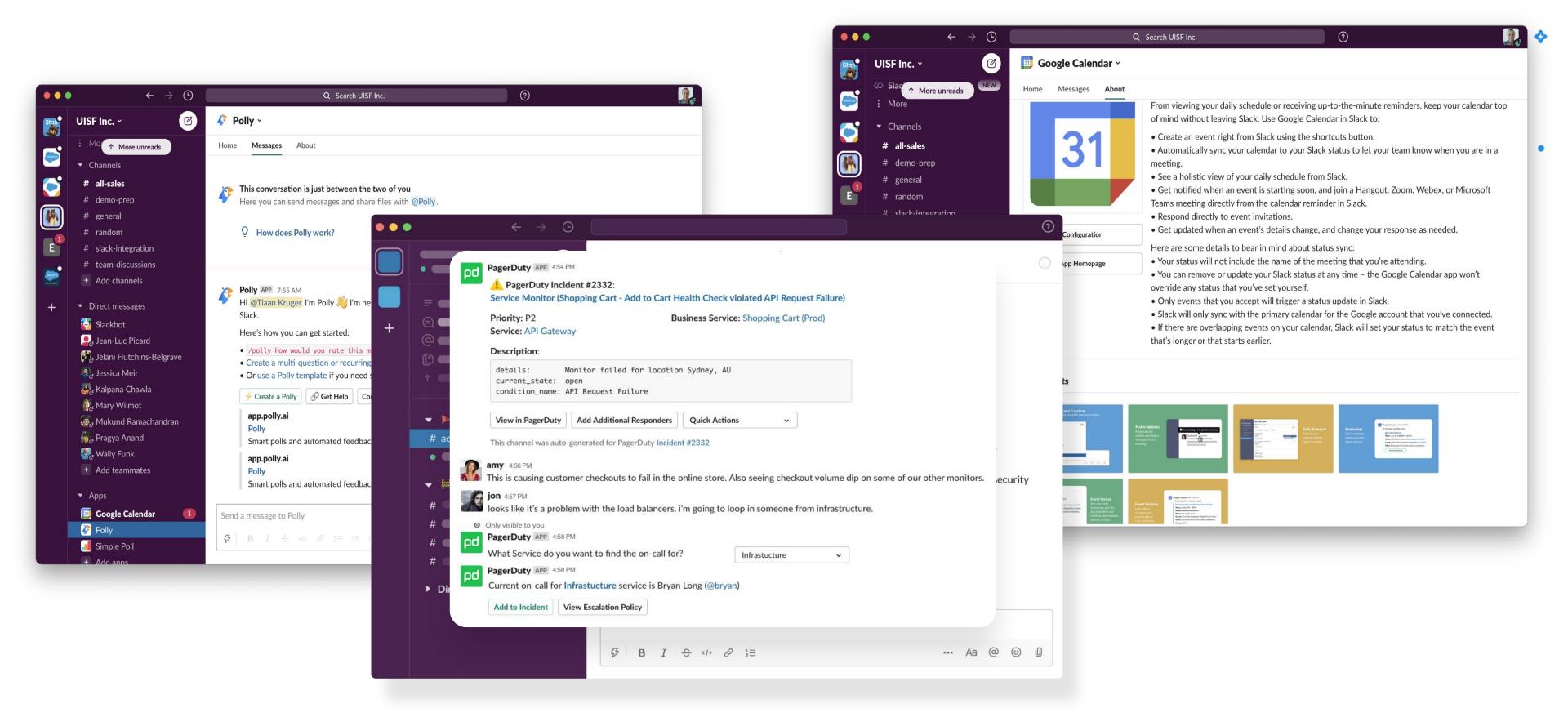








Slack







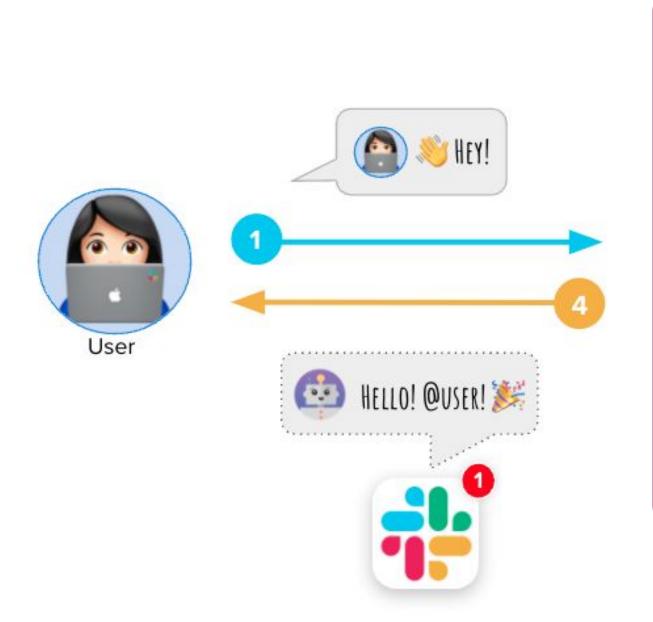
Demo time!

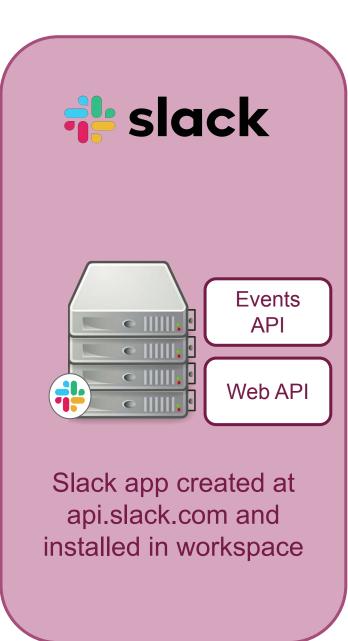


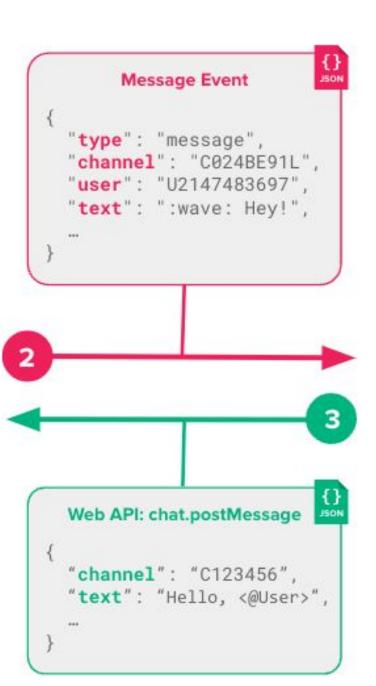


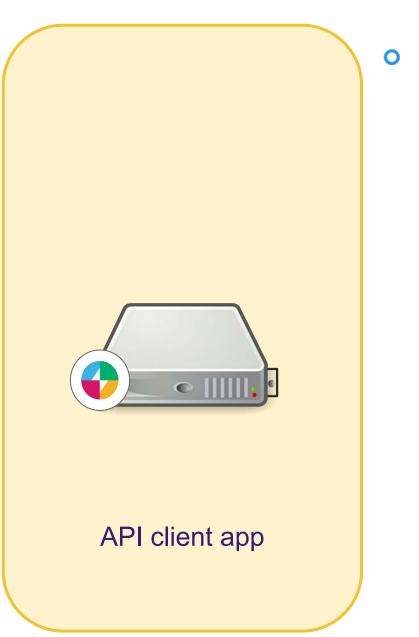












Slack APIs



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Events API: is subscription-based and allows apps to receive events that have occurred within Slack. Examples:

```
message reaction_added user_join
```

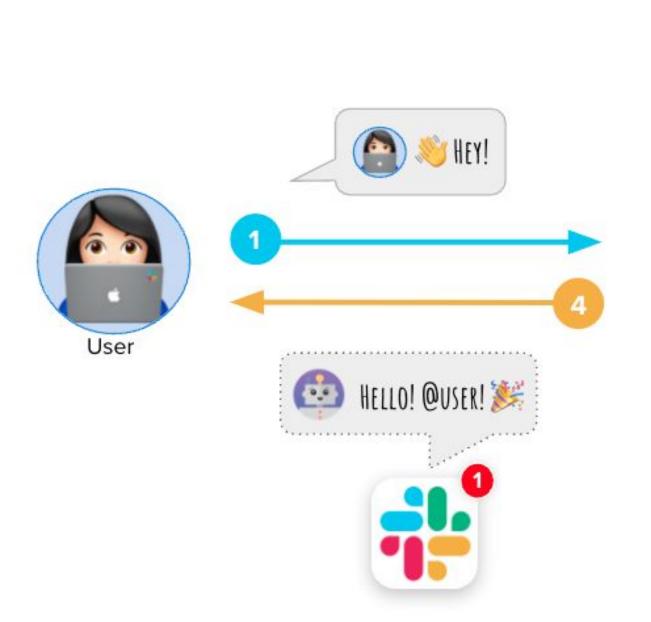
Web API: is used to query information and take action within a Slack workspace. Examples:

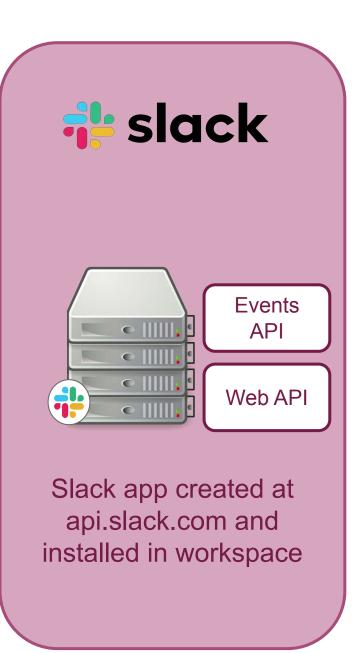
chat.postMessage reactions.add users.info

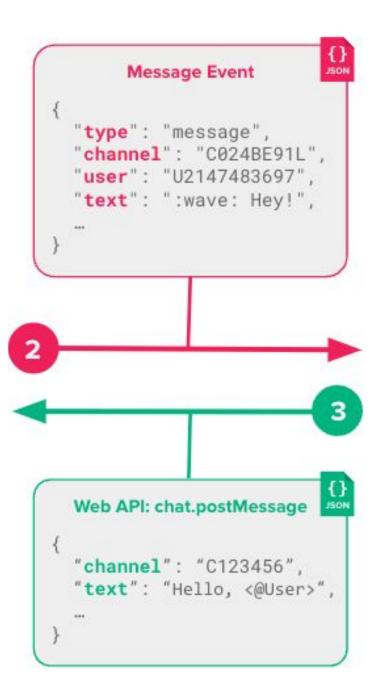
Good to Know: All Events API events can be found at api.slack.com/events. All Web API methods can be found at api.slack.com/methods

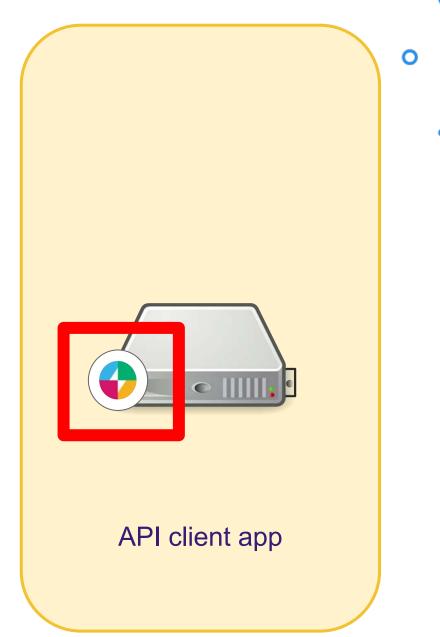












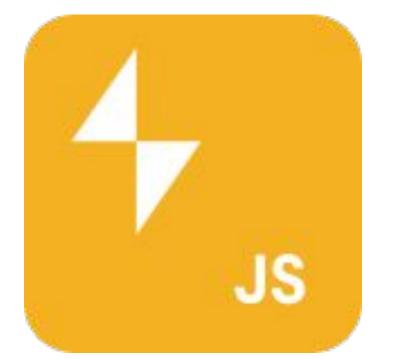
The Bolt framework

api.slack.com/tools/bolt

Bolt is the official Slack framework built to speed up and simplify Slack app development. It's currently available in JavaScript, Python, and Java.

Notable features include:

- Abstracts away implementation details
- Intuitive and readable listener pattern
- Incorporates the latest Platform features



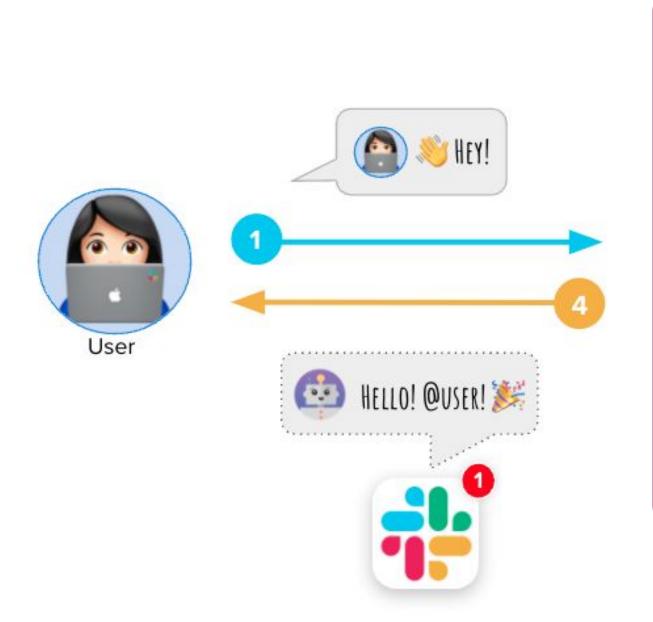


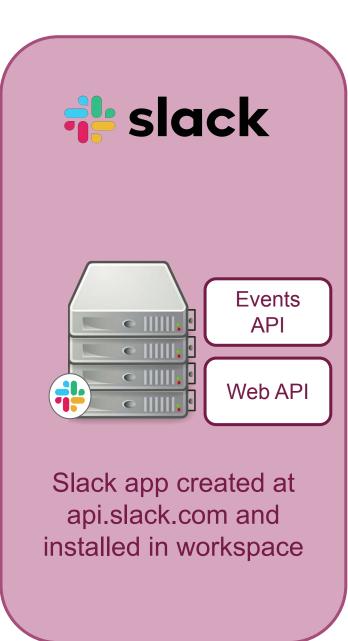


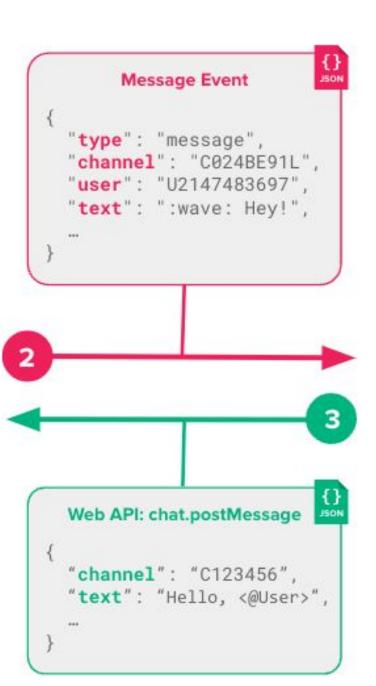


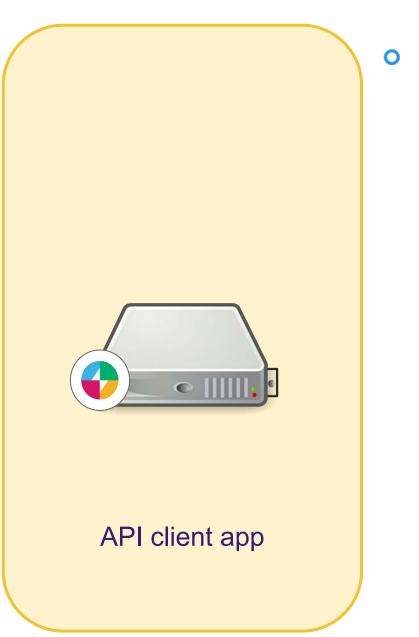






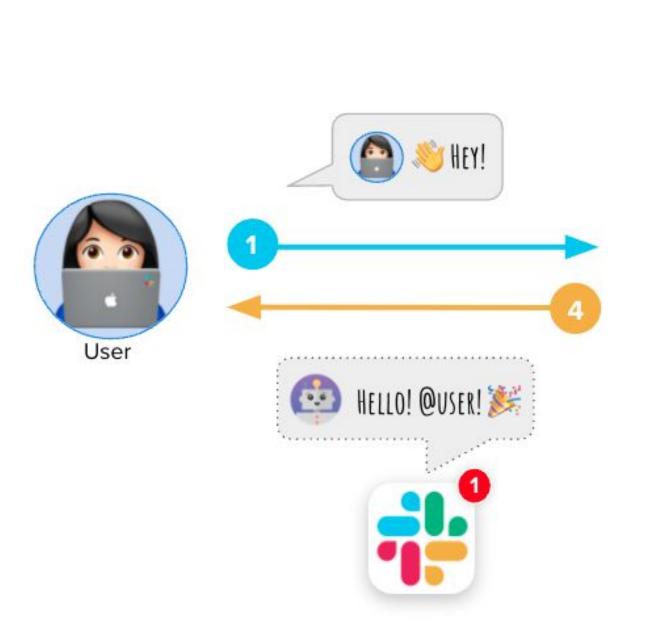




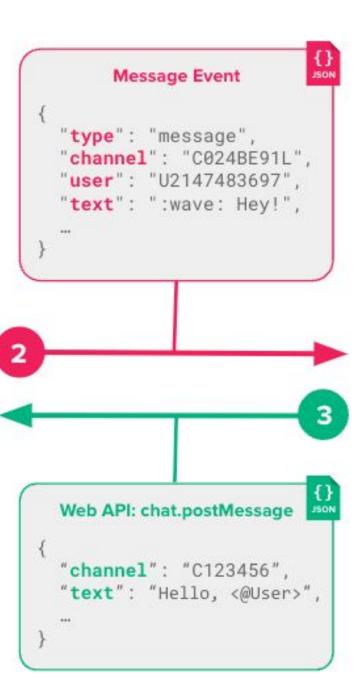


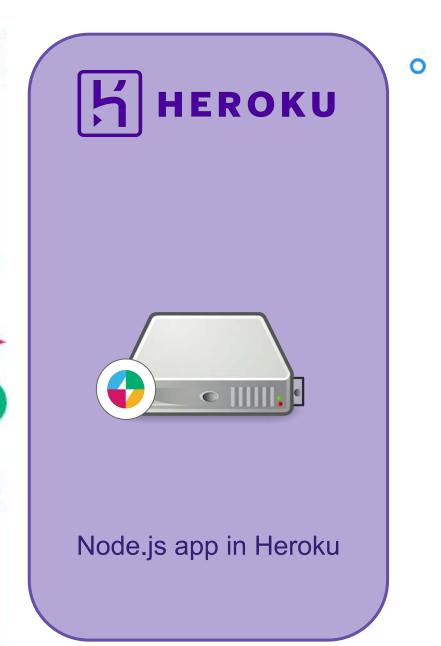
Ready to Fly Architecture







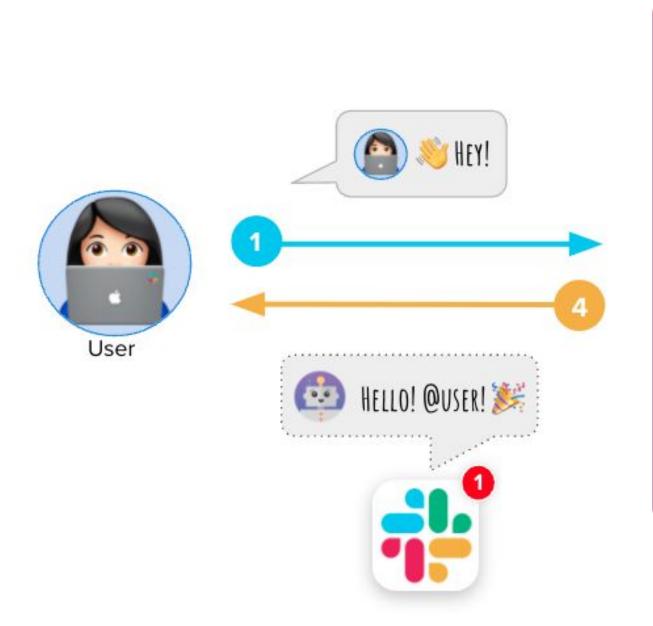


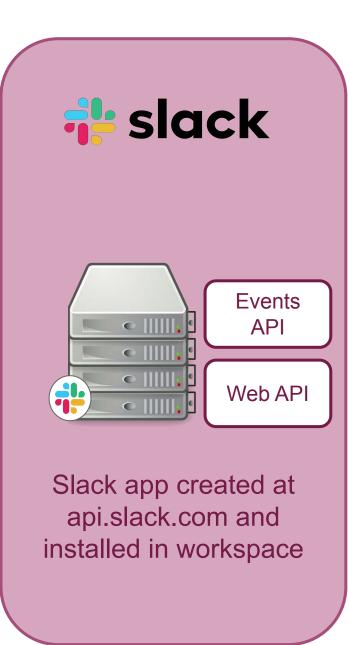


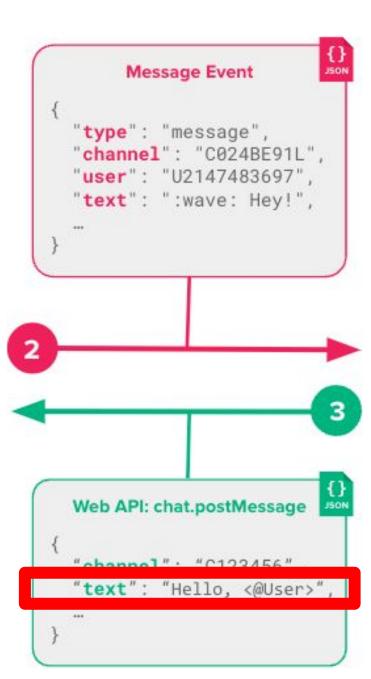
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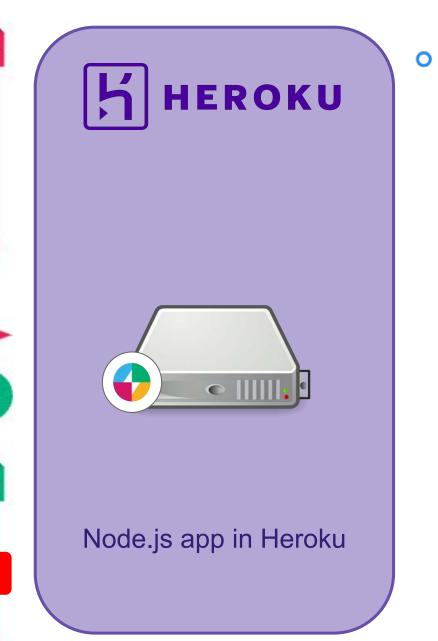












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Creating Surfaces: Block Kit

app.slack.com/block-kit-builder

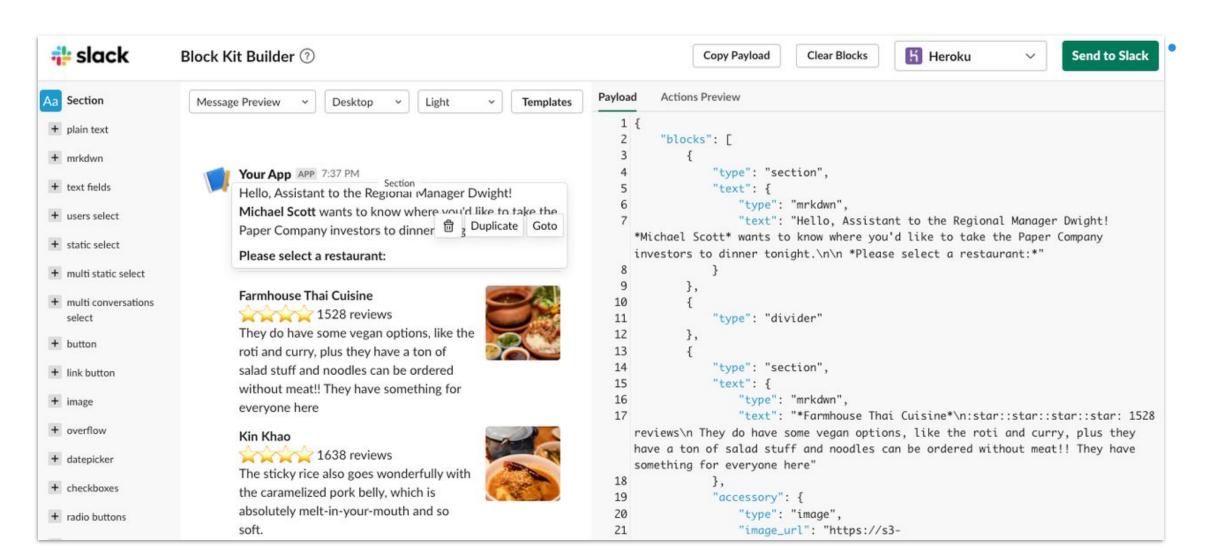
Block Kit is the UI framework used to craft the surfaces that users

Surface examples include:

- Modals
- Messages

interact with.

App Home Tab













Show me the code!







github.com/trailheadapps/ready-to-fly







github.com/slack-samples







Slack Introduces New Platform With Help From Deno

November 16, 2021 ⋒ Aaron O'Mullan, Ryan Dahl

Partnerships Deno Deploy

Today Slack has announced their next generation development platform. Slack chose Deno for its "secure by default" principles, its web standard APIs, and its first-class TypeScript support. Read more about it at https://api.slack.com/future.

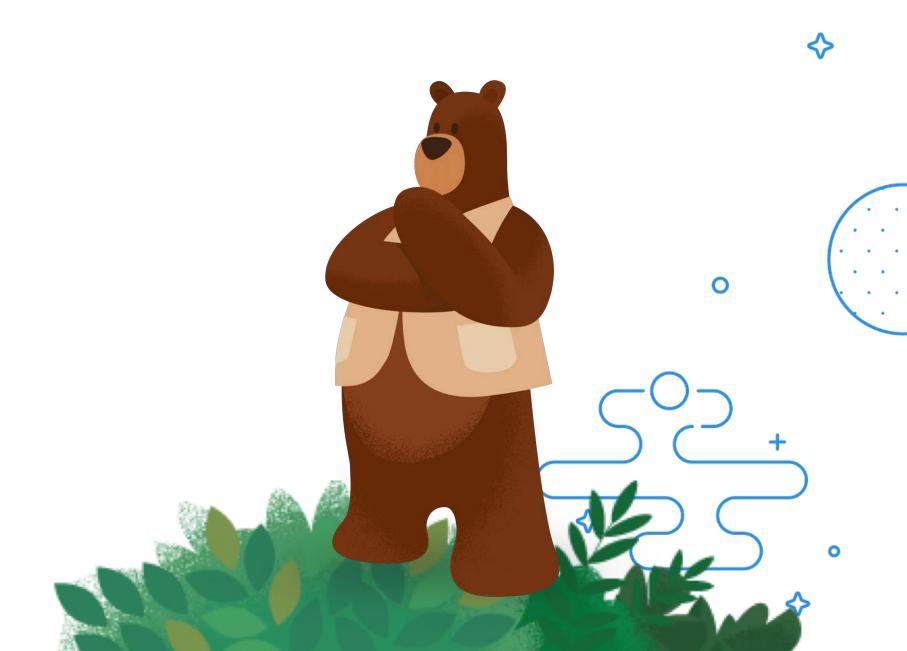
Resources



- · Code Live series: sfdc.co/ready2fly-codelive
- · Blog post series: sfdc.co/ready2fly-blogs
- · Trailhead project: sfdc.co/ready2fly-trailhead









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Thank you!



