





Bot Chat: Creating your first Slack bot

Brice McIver Keyhole Software August 4, 2017

Outline

- Background
- Setup
- Post messages (incoming webhooks)
- Event Subscriptions
- Slack Developer Kit for Node.js
- Easier solutions :-)





Prerequisites

- NodeJS



- IDE



Browser / Testing tool



Basic Node Express App

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      EXPLORER

■ OPEN EDITORS

        {} package.json
                                     "name": "slackbot",
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                                     "version": "1.0.0",
     {} package-lock.json
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                                     "description": "Bot that integrates with Slack",
     {} package.json
                                     "main": "index.js",
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                                     "scripts": {
                                        "test": "echo \"Error: no test specified\" && exit 1"
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                                     },
                                     "author": "",
                                     "license": "ISC"
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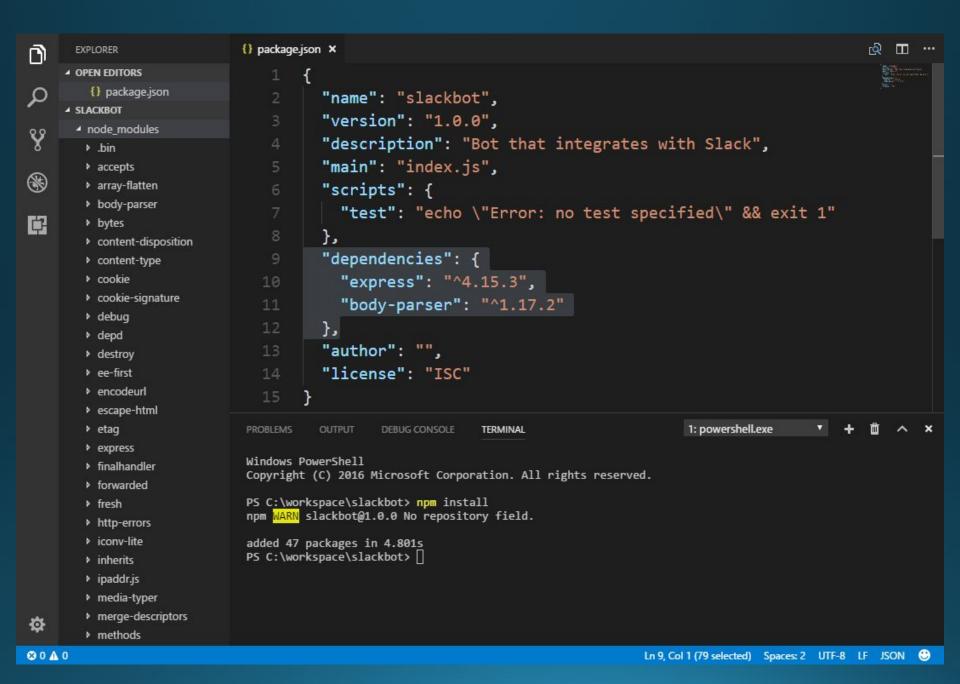
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      EXPLORER

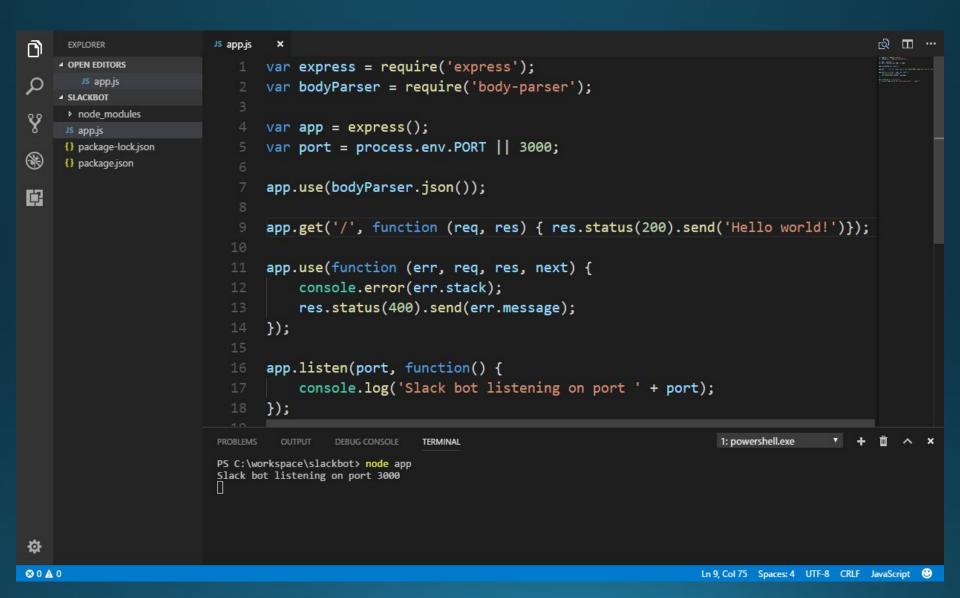
■ OPEN EDITORS

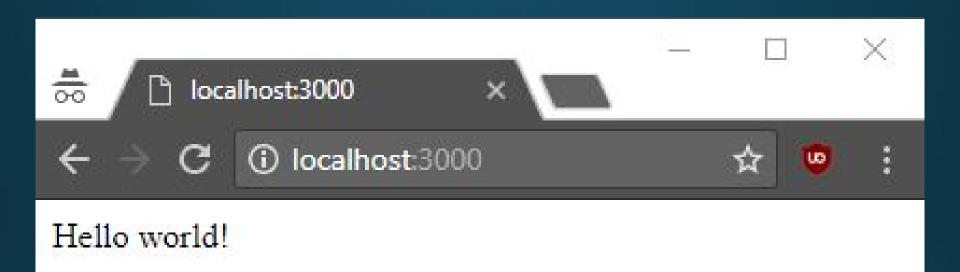
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■ SLACKBOT

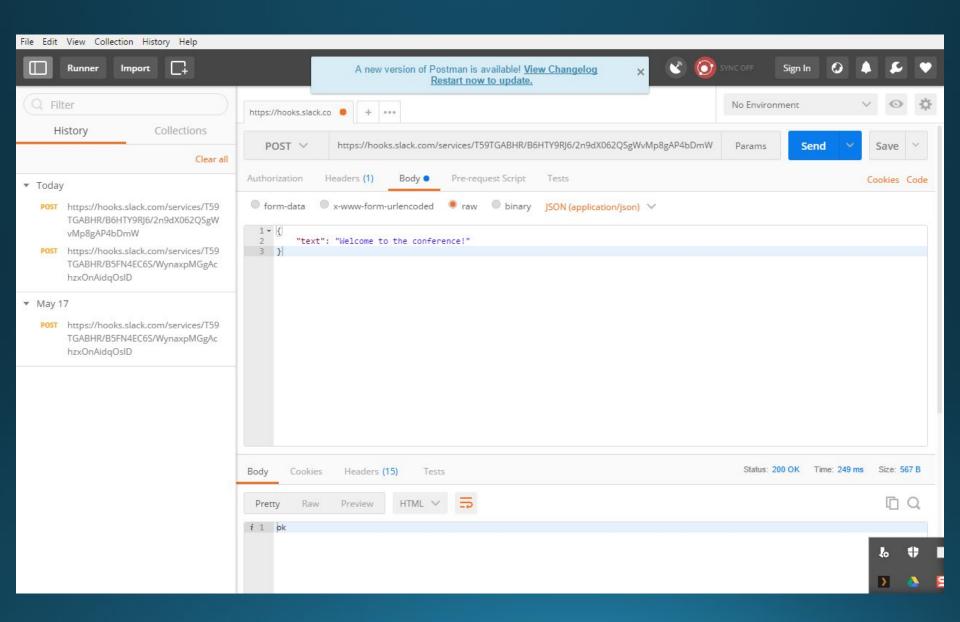
                                     "version": "1.0.0",
     {} package-lock.json
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                                     "description": "Bot that integrates with Slack",
     {} package.json
                                     "main": "index.js",
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                                     "scripts": {
                                       "test": "echo \"Error: no test specified\" && exit 1"
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                                     },
                                     "dependencies": {
                                       "express": "^4.15.3",
                                       "body-parser": "^1.17.2"
                                     },
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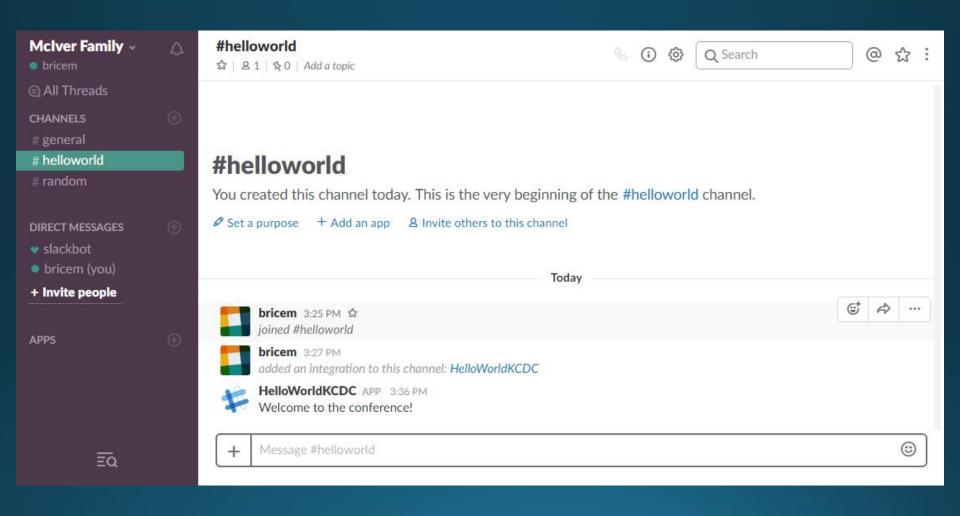




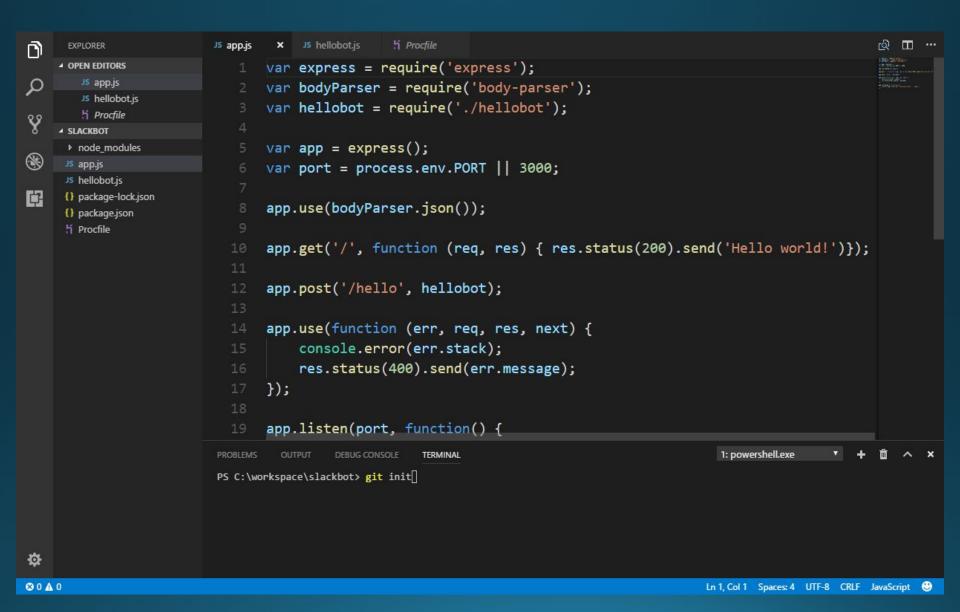


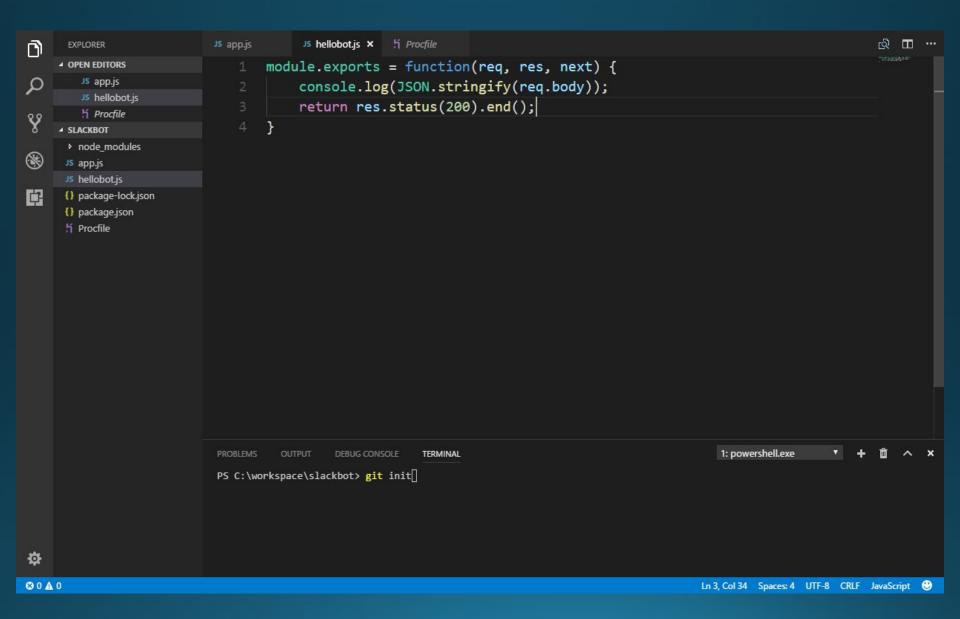
Post Messages Using Incoming Webhooks

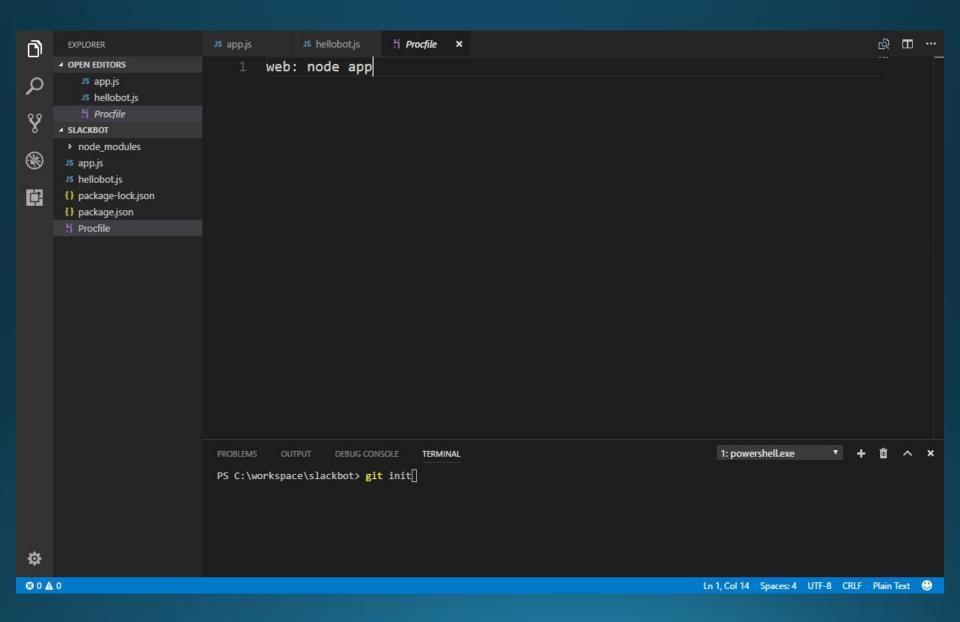


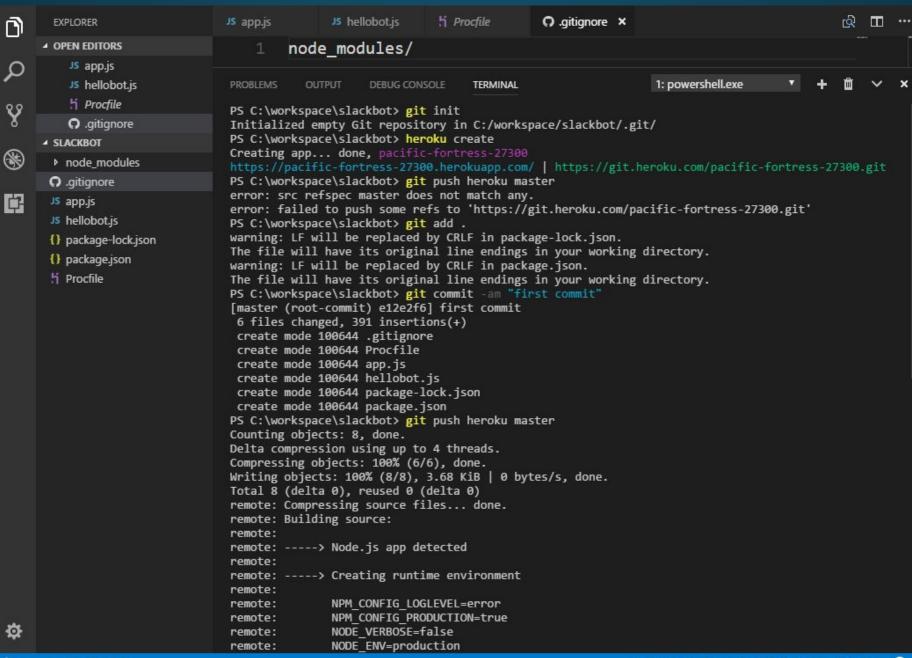


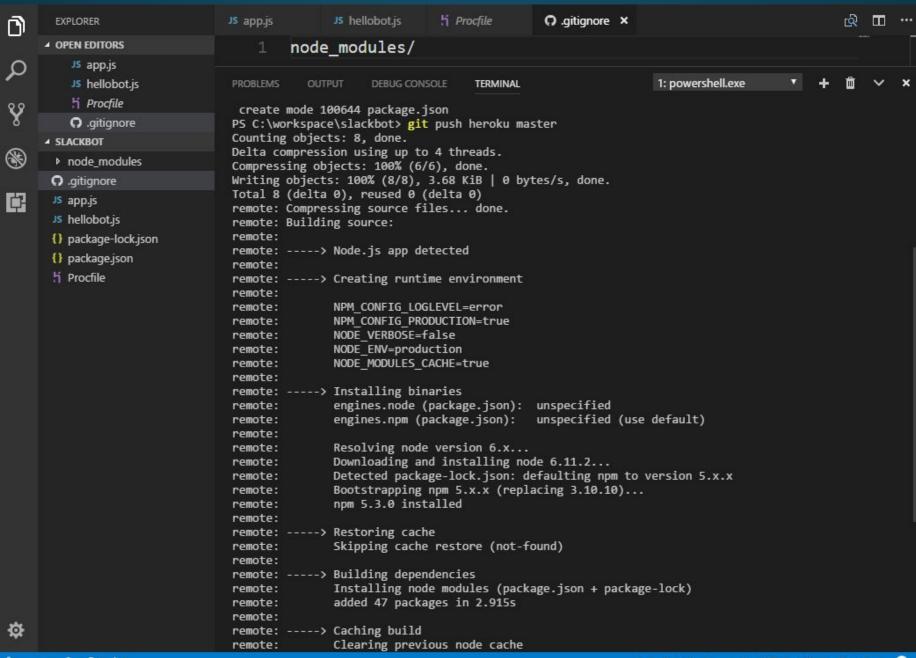
Event Subscriptions

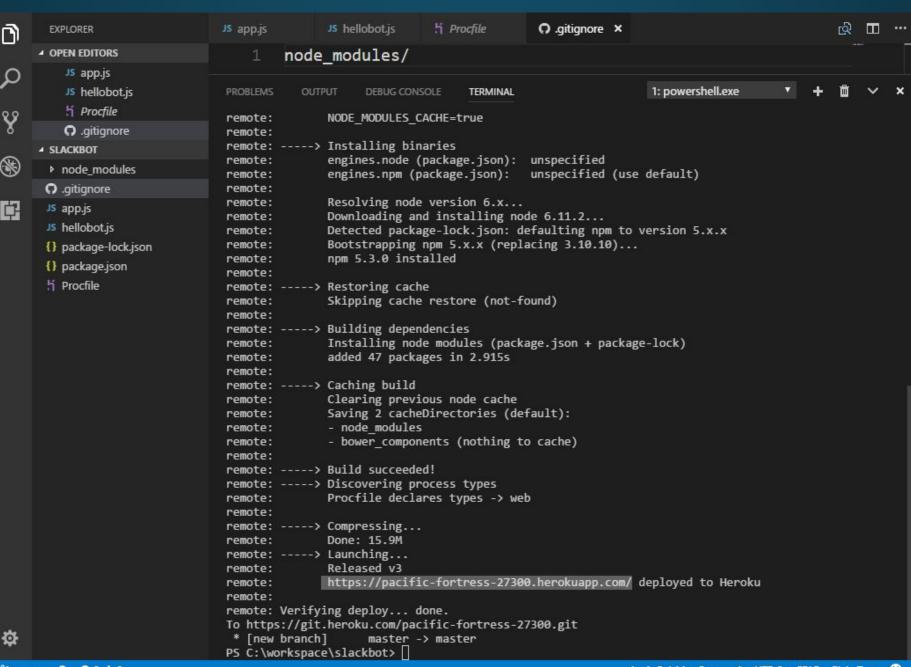


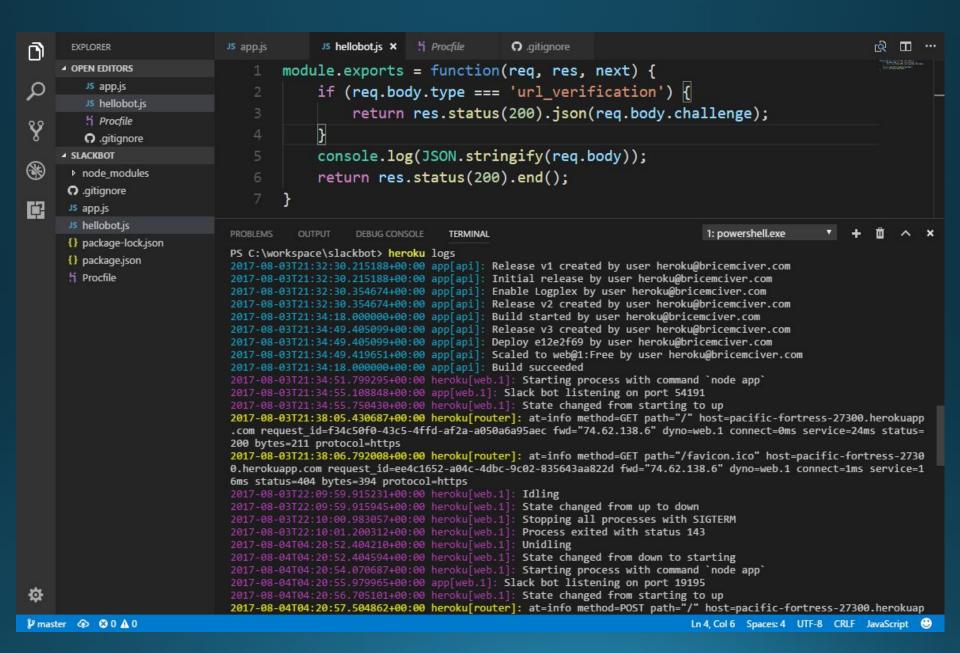


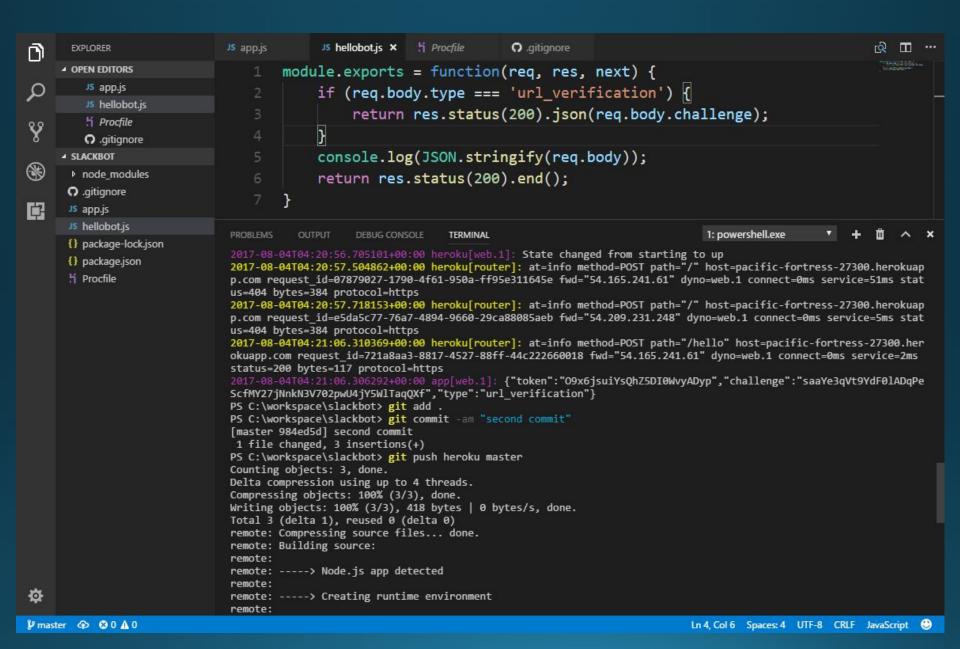


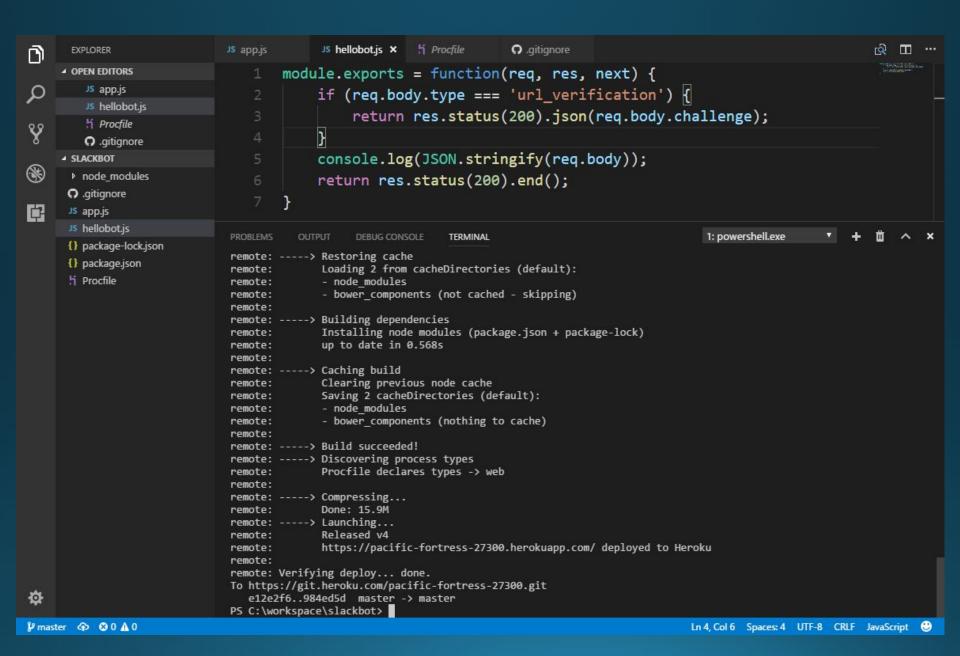


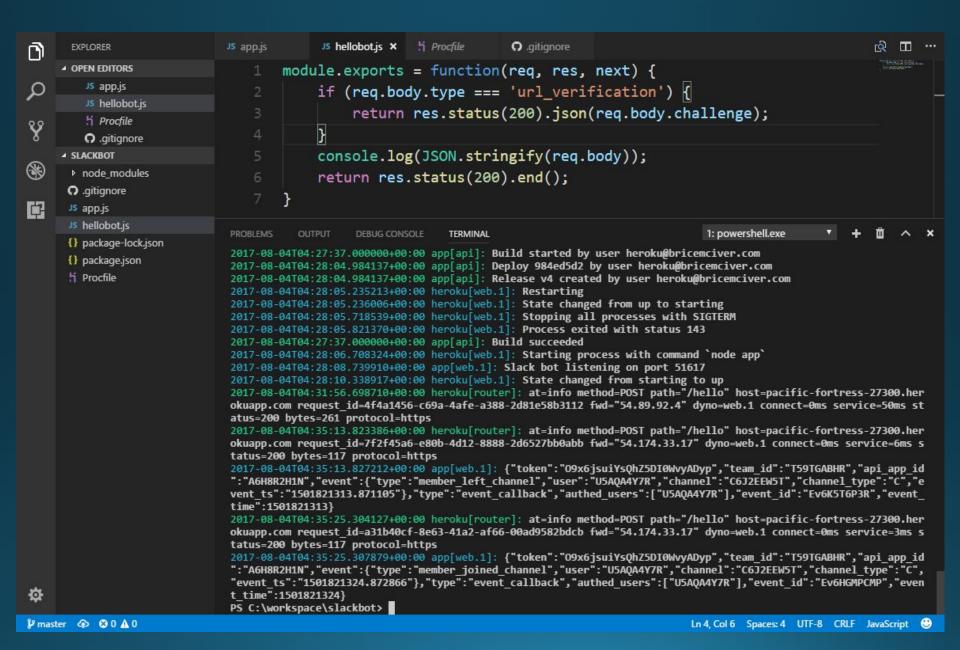


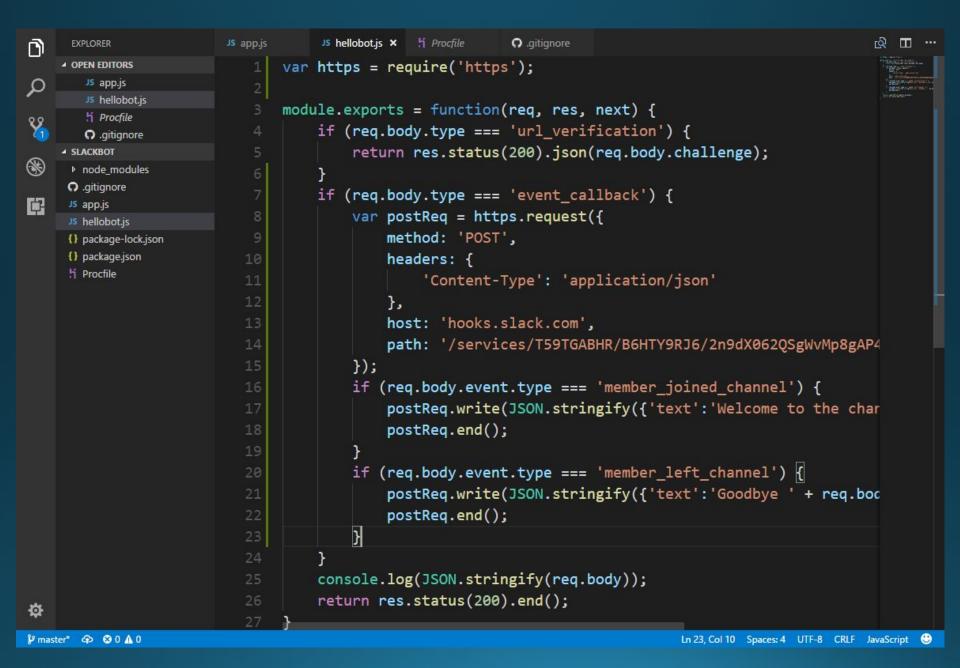


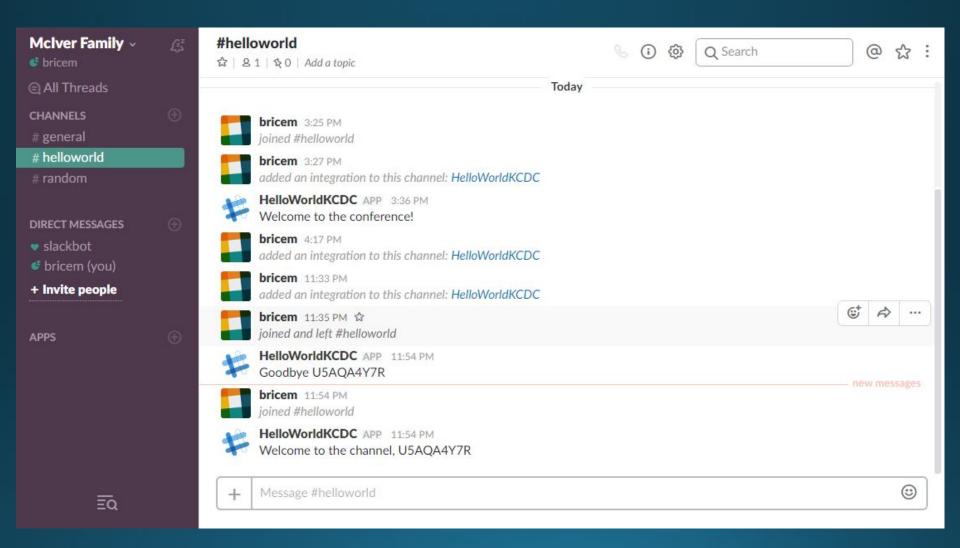




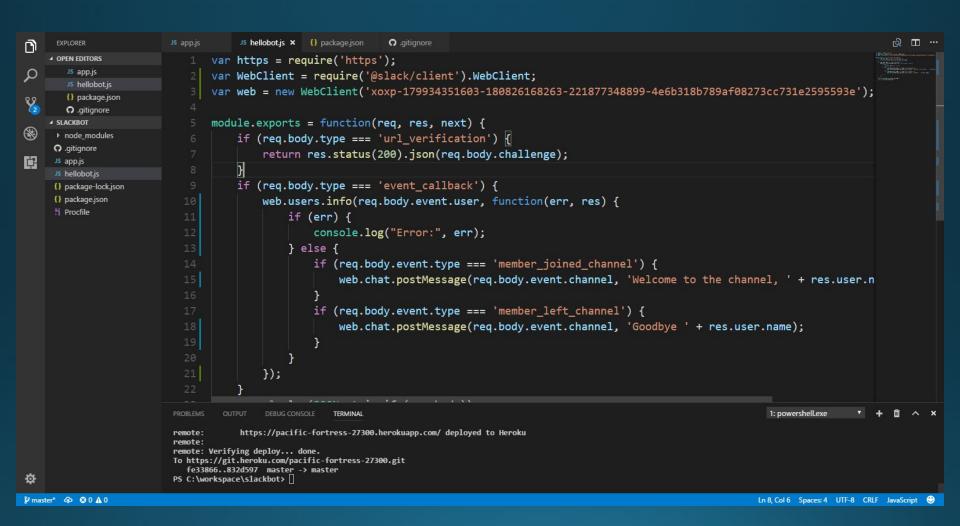


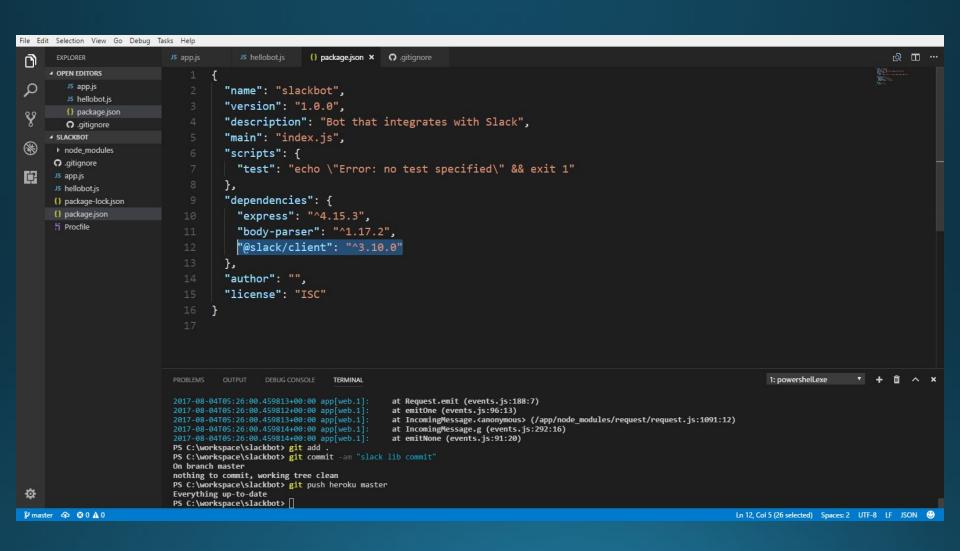


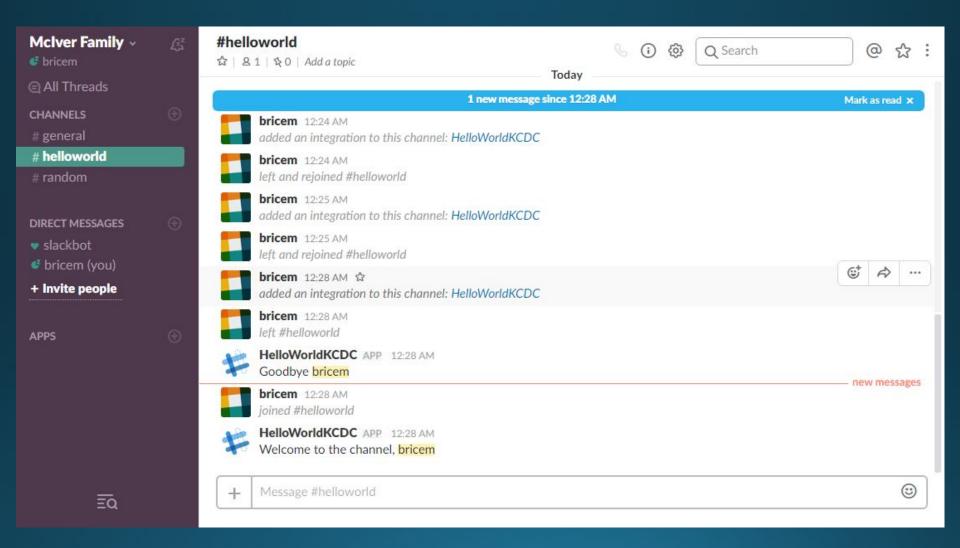




Slack Developer Kit







Easier Solutions

Bot Libraries

- Howdy's BotKit
- Microsoft Bot Framework
- Gupshup
- APİ.AI
- Wit.ai

Visual-based

- TextIt
- Sonar
- Smooch
- Telegram

Summary

- Incoming Webhooks
 - Simple to set up and a quick win for messaging needs
- Event subscriptions
 - More advanced functionality
- Unless you're sure that Slack is the only platform you want to support, use a library that supports multiple platforms