BUILDING A SLACK BOT
BEANSTALK CODE SNIPPET BOT
beanstalk-code-snippet-bot on Github

Hello, my name is
Andrey Okonetchnikov
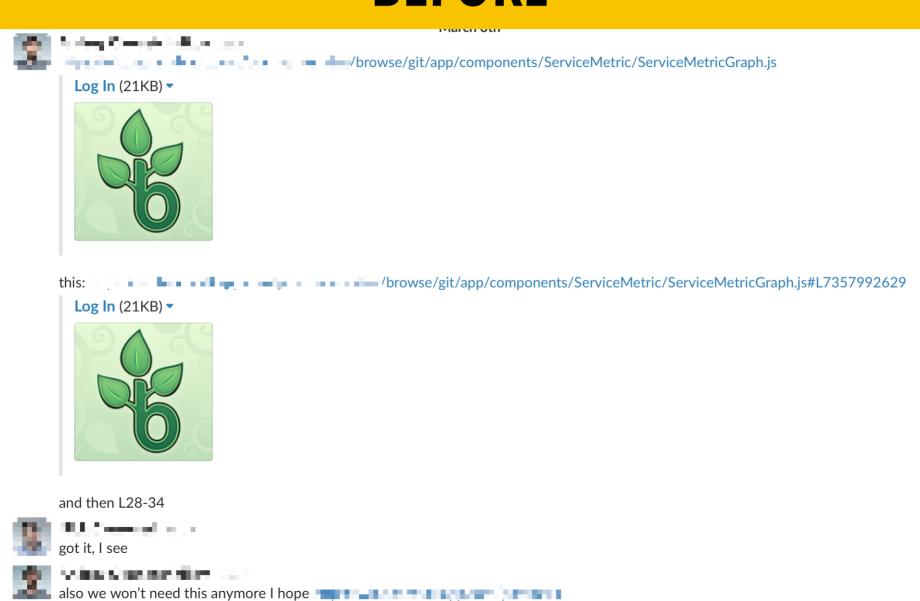Product Designer & Front-end Developer @ Wildbit
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slack.com

beanstalk

THE PROBLEM
Talking about source code in Slack

BEFORE

Log In (21KB) ▾

this: /browse/git/app/components/ServiceMetric/ServiceMetricGraph.js#L7357992629

Log In (21KB) ▾

and then L28-34

got it, I see

also we won't need this anymore I hope status/browse/git/app/containers/Home/Home.js#L3609865319

Log In (21KB) ▾

AFTER

okonet 3:32 PM
https://derekandrey.beanstalkapp.com/codesnippet-tets/browse/git/index.js?ref=c-397c63ede5221cfeef426a2b861132255e35a7bf#L6299184310

index.js BOT 3:32 PM

```
...
18.   }
19. })
20.
21. controller.on('bot_channel_join', function (bot, message) {
22.   bot.reply(message, "I'm here!")
23. })
24.
...
```

Repository
codesnippet-tests

Revision
397c63ede5221cfeef426a2b861132255e35a7bf

Things we'll need

- Botkit — https://github.com/howdyai/botkit
- Beepboop account — https://beepboophq.com/
- A GitHub repository with Bot's code —
https://github.com/wildbit/beanstalk-code-snippet-bot
- A Slack and Beanstalk account with admin rights
- Some time…

Botkit

```
var Botkit = require('botkit');

var controller = Botkit.slackbot({
  debug: false
  //include "log: false" to disable logging
  //or a "logLevel" integer from 0 to 7 to adjust logging verbosity
});

// connect the bot to a stream of messages
controller.spawn({
  token: <my_slack_bot_token>,
}).startRTM()

// give the bot something to listen for.
controller.hears('hello',['direct_message','direct_mention','mention'],function(bot,message) {

  bot.reply(message,'Hello yourself.');

});
```

beepboop-botkit

```javascript
var Botkit = require('botkit')
var BeepBoop = require('beepboop-botkit')

var controller = Botkit.slackbot()
var beepboop = BeepBoop.start(controller)

// listen for botkit controller events
controller.on('bot_channel_join', function (bot, message) {
  bot.reply(message, 'I\'m here!')
})

// Optionally you may want to listen to beepboop events
beepboop.on('add_resource', function (msg) {
  console.log('received request to add bot to team')
})
```

Slash commands

```javascript
const app = require('express')()
app.route('/code')
    .get((req, res) => {
        res.sendStatus(200)
    })
    .post(bodyParser.urlencoded({ extended: true }), (req, res) => {
        if (req.body.token !== SLACK_VERIFY_TOKEN) {
            return res.sendStatus(401)
        }

        const { text, team_id } = req.body

        // Handle empty request
        if (!text) {
            return res.json({
                response_type: 'ephemeral',
                text: EMPTY_REQUEST
            })
        }

        // Handle any help requests
        if (text === 'help') {
            return res.json({
                response_type: 'ephemeral',
                text: HELP_MESSAGE
            })
        }

        ...
```

THANKS!

@okonetchnikov