

# API Monitoring

with Postman, Serverless, & Lambda

# Brian Glick

- Founder / CEO of Chain.io
- Old school full stack IT guy 22 years
- 7 years in the cloud
- Serverless ~6 months



# Postman 101

# Why Postman in Production?

- Build tests with a familiar tool
- Spend time building code, not tests
- Open Source JS (no magic, no 3rd parties)

# Postman

- Chrome add on for making API calls
- Save calls and expected results
- Manage multiple environments



# Newman

- JS library to execute Postman files
- NPM Package
- Returns test results
- <https://github.com/postmanlabs/newman>



[illegible]

# Our toolbox

Postman >

Newman >

Lambda >

Serverless >

Cloudwatch >

**SNS**, SES, Twillio, PagerDuty, etc

# Postman

- Build your API calls
- Write your tests
- Set your environment variables
- Save your file



# Newman + Lambda

- Set dependencies
- Incorporate Newman
- Verify results
- Send failure message

[https://github.com/bglick/serverless\\_phl/blob/master/serverless/runner.js](https://github.com/bglick/serverless_phl/blob/master/serverless/runner.js)

# Serverless + Cloudwatch

- Configure lambda
- Set environment variables
- Add Cloudwatch schedule

[https://github.com/bglick/serverless\\_phl/blob/master/serverless/serverless.yml](https://github.com/bglick/serverless_phl/blob/master/serverless/serverless.yml)

# Thanks

[https://github.com/bglick/serverless\\_phl](https://github.com/bglick/serverless_phl)

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