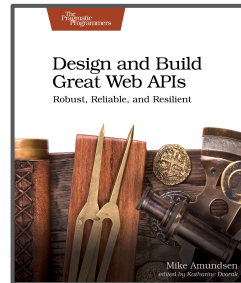


# Design and Build Great APIs

GOTO Chicago

Mike Amundsen

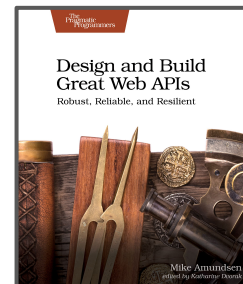
@mamund



# Agenda

## One Day Workshop - Morning

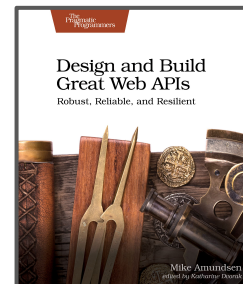
- Web APIs
  - Web APIs
  - Exploring APIs (curl)
  - Tracking your Project (git)
  - Managing your Project (npm)
- Designing APIs
  - Designing APIs
  - Diagramming (wsd)
  - Describing (alps)
  - Sharing your Project (github)



# Agenda

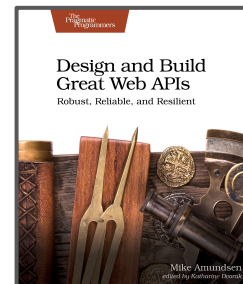
## One Day Workshop - Afternoon

- Building APIs
  - Coding APIs
  - Sketching (blueprint)
  - Prototyping (swagger)
  - Building (expressjs)
- Releasing APIs
  - Testing APIs (postman)
  - Securing APIs (auth0)
  - Deploying APIs (heroku)

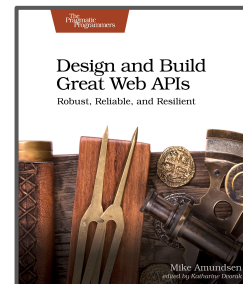


# Materials

- Github repo: <https://github.com/mamund/2019-11-goto-chicago-great-apis>
- Laptop w/ wifi & browser
- Your favorite code editor (vscode/vim)
- curl
- Git/Github (account)
- NodeJS/npm
- postman/newman (account)
- Auth0 (account)
- Heroku (account)



# Welcome







**Mike Amundsen**  
**@mamund**



# training.amundsen.com

Amundsen Training

Home ▾



## Learning with Mike Amundsen



[Technical](#)



[Transformation](#)



[Teams](#)



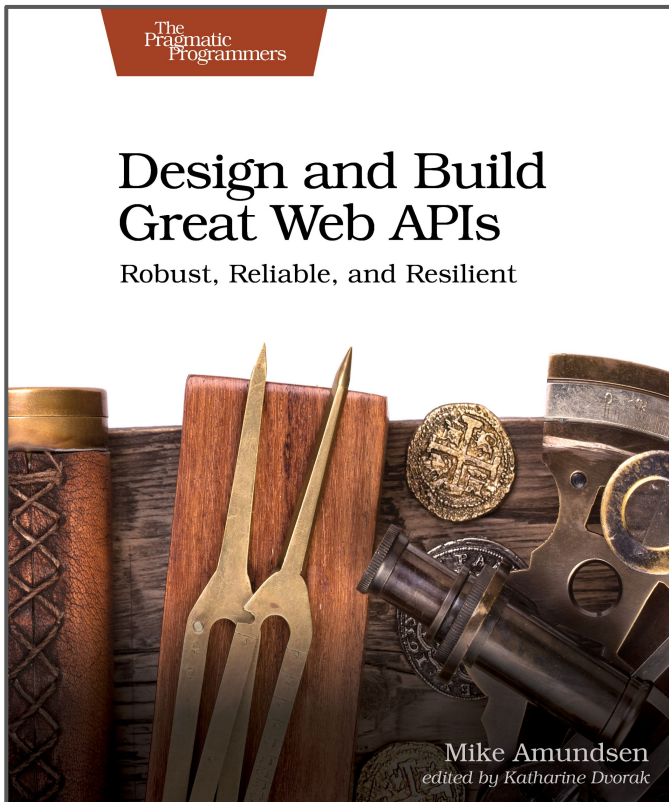
[Inspiration](#)

# Coming Soon!

*"I wish I had this book 20 years ago."*

*"A great classroom text or web guide."*

*"Useful in a way that doesn't tie it to  
specific technologies."*

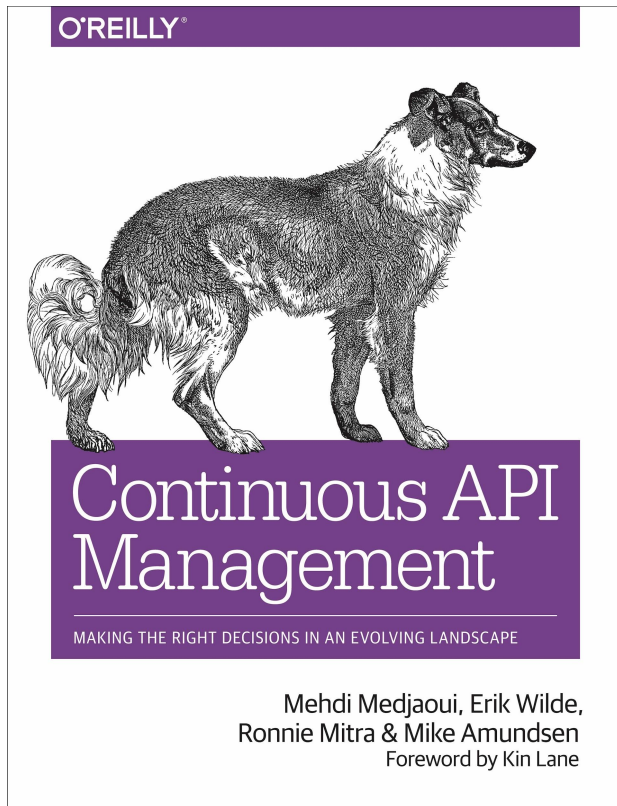




<http://g.mamund.com/cambook>

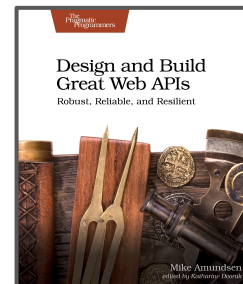
*"A reusable guide to the technology,  
business, and politics of doing APIs at  
scale within the enterprise."*

*-- Kin Lane, API Evangelist*



# Reminders

- Mute devices
- Feel free to take a break anytime
- Ask questions
- Enjoy the workshop



# Let's get started!

