Modules and Concurrency

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Modules

(exports/require)

Concurrency

(Without THREADS!)

Defining and Using Node Modules

What exactly is a Module?

Module (In Node.js)

A file (or a folder) that contains code

Node's Global Object

The Event Loop

The Event Loop

What Node uses to process asynchronous actions and interface them for you so that you don’t have to deal with threads

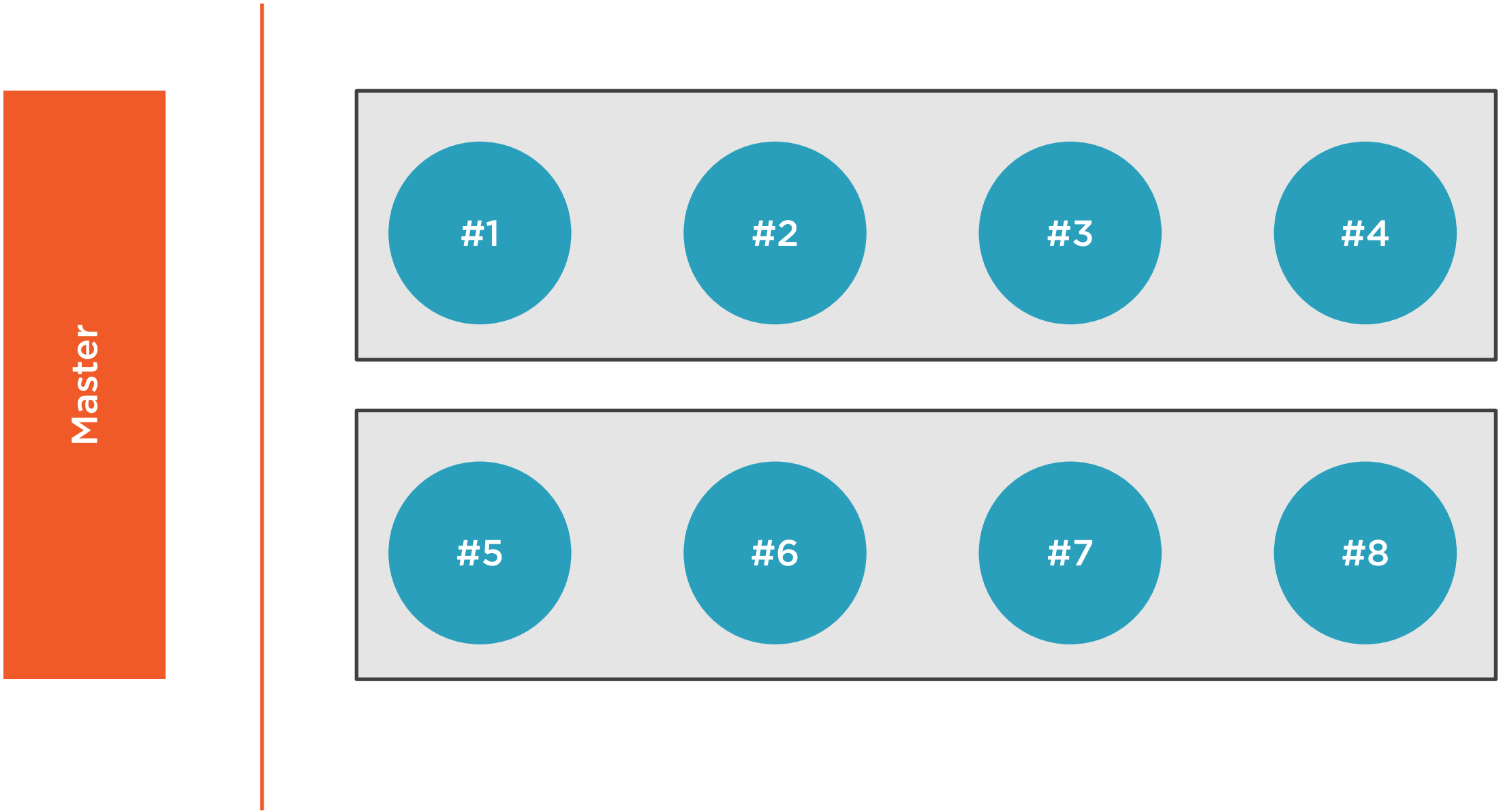
Errors vs Exceptions

Errors vs Exceptions

Error is “Problem”

Exception is “Condition”

Node Clusters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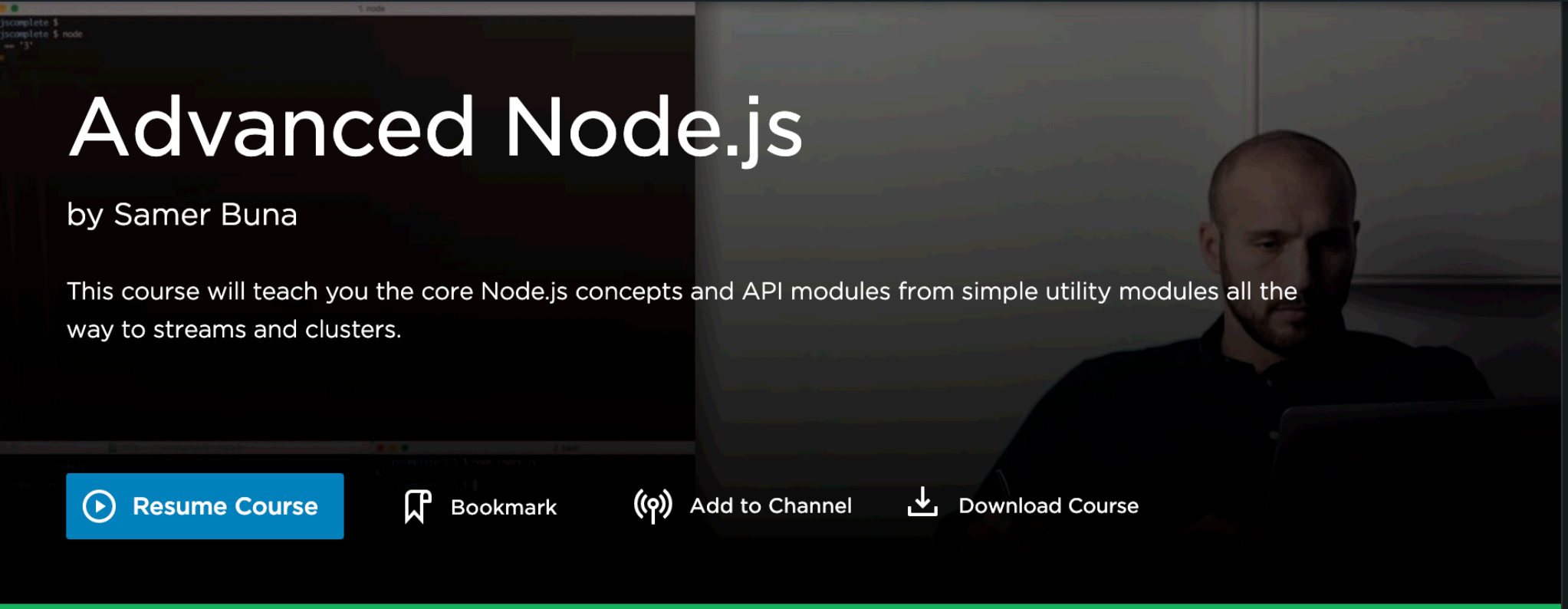
Master

Advanced Node.js

by Samer Buna

This course will teach you the core Node.js concepts and API modules from simple utility modules all the way to streams and clusters.



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Course author

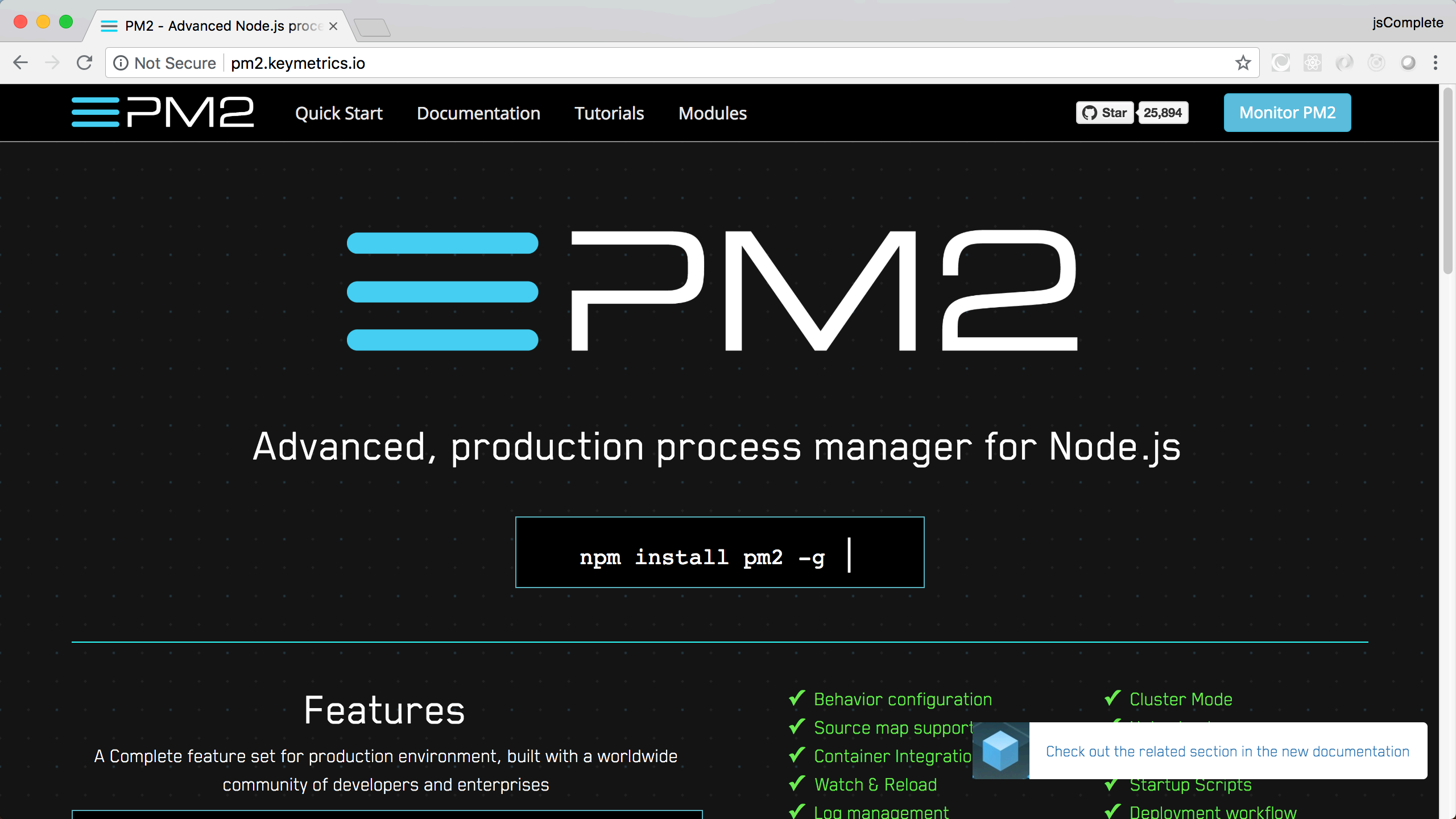
Samer Buna

Samer Buna is a polyglot coder with years of practical experience in designing, implementing, and testing software, including web and mobile applications development, API design, functional...

Course info

Level	Advanced
Rating	★★★★★ (345)
My rating	★★★★★
Duration	3h 45m

samer.dev/adv-nodejs



PM2 - Advanced Node.js proce ×

jsComplete

Not Secure | pm2.keymetrics.io

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PM2

Advanced, production process manager for Node.js

```
npm install pm2 -g
```

Features

A Complete feature set for production environment, built with a worldwide community of developers and enterprises

- ✓ Behavior configuration
- ✓ Source map support
- ✓ Container Integratio
- ✓ Watch & Reload
- ✓ Log management
- ✓ Cluster Mode
- ✓ Startup Scripts
- ✓ Deployment workflow

Check out the related section in the new documentation

Node's Asynchronous Patterns

ECMAScript Modules

Event Emitters

Wrap Up

Node Modules

Types of APIs

The “global” Object

The “Event Loop”

Error handling

Clusters

Asynchronous patterns

EventEmitter

Next Up

Working with Web Servers