

wrap up

Lambda 101

Serverless framework 101

API Gateway + Lambda

Cognito 101

Securing API Gateway with IAM/Cognito

API Gateway best practices

Testing strategies

CI/CD

Handling secrets securely

How to organize your projects

Processing events with EventBridge

Handling partial failures

Per-function IAM roles

Choosing the right event source for Lambda

Log aggregation

Structured logging

Sampling debug logs in production

X-Ray

Correlation IDs via HTTP and events

Alerts you should have

Power tuning Lambda functions

Costly mistakes to avoid

Distributed tracing with Lumigo

Your questions during Q&As

know what serverless is good for

considerations for a production-grade serverless application

how to test serverless applications

how to monitor and debug serverless applications

how to secure serverless applications

how to secure CI/CD pipelines

how to handle secrets securely

how to choose between similar services (e.g. API Gateway vs ALB)

Off-by-none: A Serverless Newsletter

The logo for 'off-by-one' is displayed in a light blue, lowercase, sans-serif font. The hyphen between 'by' and 'one' is replaced by a red, stylized character that resembles a combination of a tilde (~) and a lambda (λ).

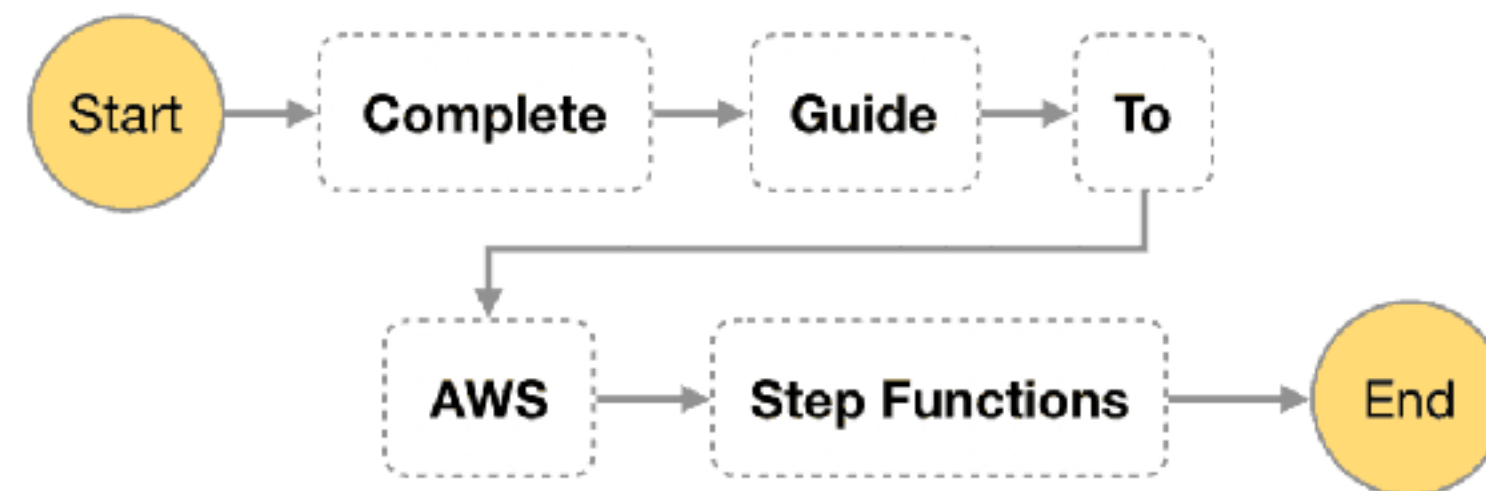
A Weekly Serverless Newsletter By Jeremy Daly

There are two hard things in computer science: cache invalidation, naming things, and off-by-one errors.

Nobody's perfect, especially me. I've spent the last 20+ years writing software by figuring things out as I went and making just about every mistake along the way. But even though I've made *lots* of mistakes, I was able to learn from them. Now, as I continue to build modern applications in the cloud using **serverless**, I find myself constantly learning and discovering new and interesting things all over again.

<https://www.jeremydaly.com/newsletter>

Learn you some
Lambda
best practice
for great good!



SERVERLESS Architectures ON AWS

SECOND EDITION

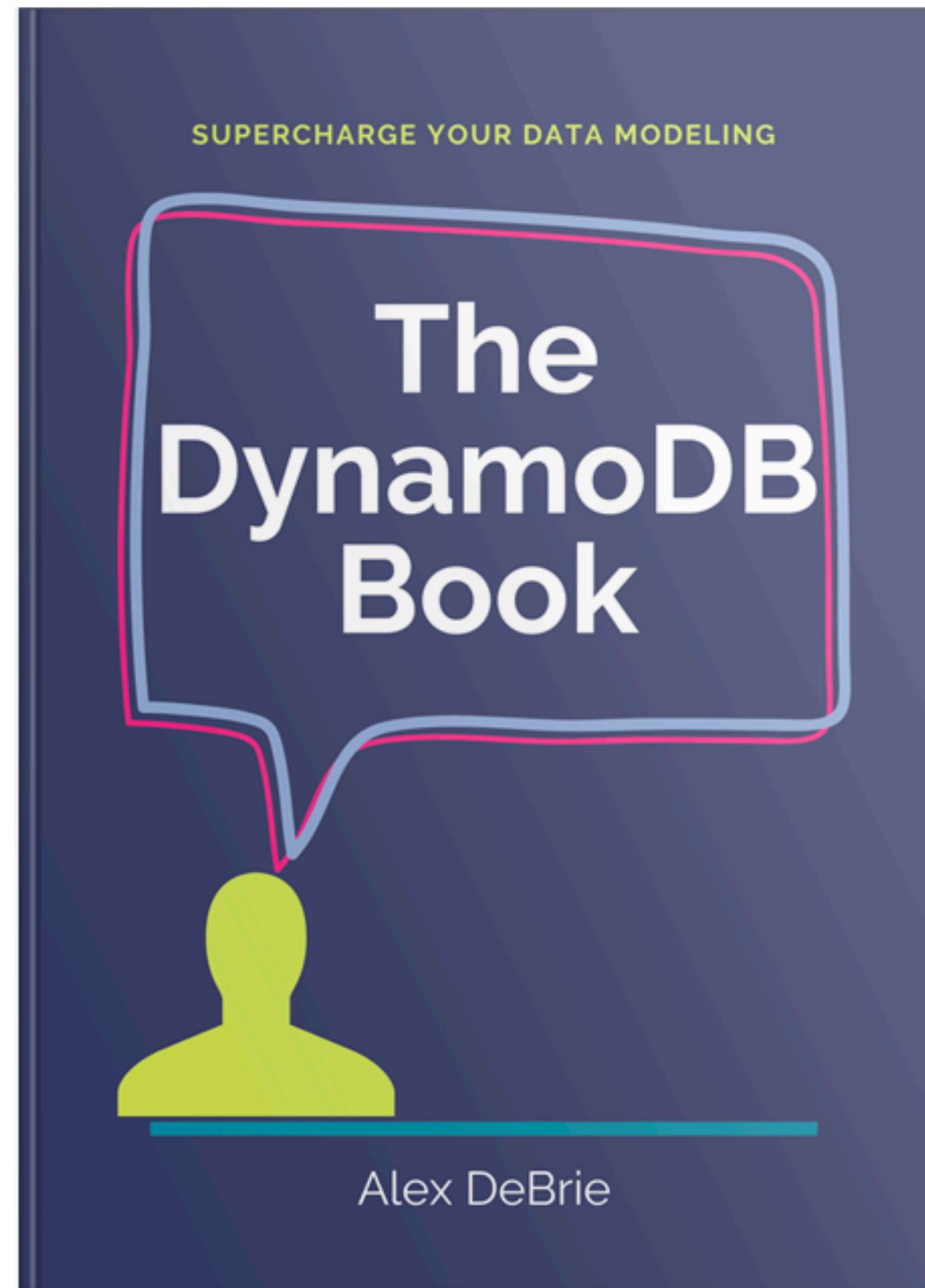
Peter Szarski
Yan Cui
Ajay Nair

MEAP

MANNING



<https://theburningmonk.com/courses>



<https://www.dynamodbbook.com>

The image shows a podcast cover for 'Real World Serverless'. On the left, there is a white rounded rectangle with the text 'REAL WORLD SERVERLESS' in bold, black and orange letters. To the right of this rectangle is a photograph of Yan Cui, a man with glasses and a beard, wearing a black t-shirt with a logo, gesturing with his hands while speaking. The background of the photo is dark.

REAL WORLD SERVERLESS

Real World Serverless with theburningmonk

Yan Cui

A podcast where we talk about real-world use of Serverless technologies from engineers who work with them day-to-day. We will discuss use cases, why they chose serverless and the pain points and challenges they face. If you want to know what it's REALLY like to work with serverless, this is the show for you.

Your host is **Yan Cui**, aka theburningmonk, AWS Serverless Hero, independent consultant, prolific blogger and international speaker on all things AWS and serverless.

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<https://realworldserverless.com>



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