Introduction to JavaScript

By the Level Up Academy

Your decision to learn JavaScript is an excellent one!

- We’re super excited to welcome you to our course in JavaScript!
- You’ll learn how ubiquitous the language is, how powerful it is and how to wield this power for your own purposes!

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JavaScript is Everywhere!

“JavaScript is the little scripting language that could. Once used chiefly to add interactivity to web browser windows, JavaScript is now a primary building block of powerful and robust applications. ”

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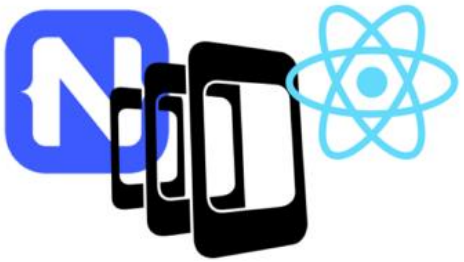
JavaScript runs in your web browser, on servers, in mobile apps, on your desktop ...

Web

Server



Mobile

Desktop

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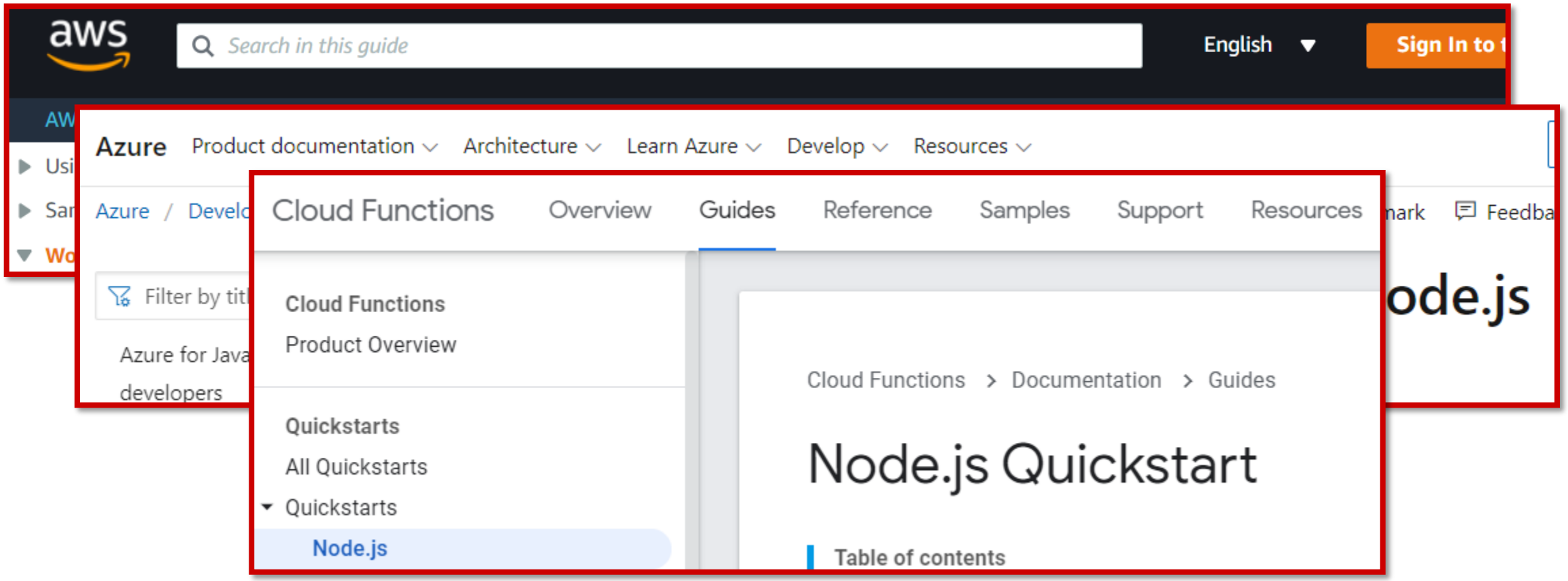
… in the cloud (serverless offerings) …



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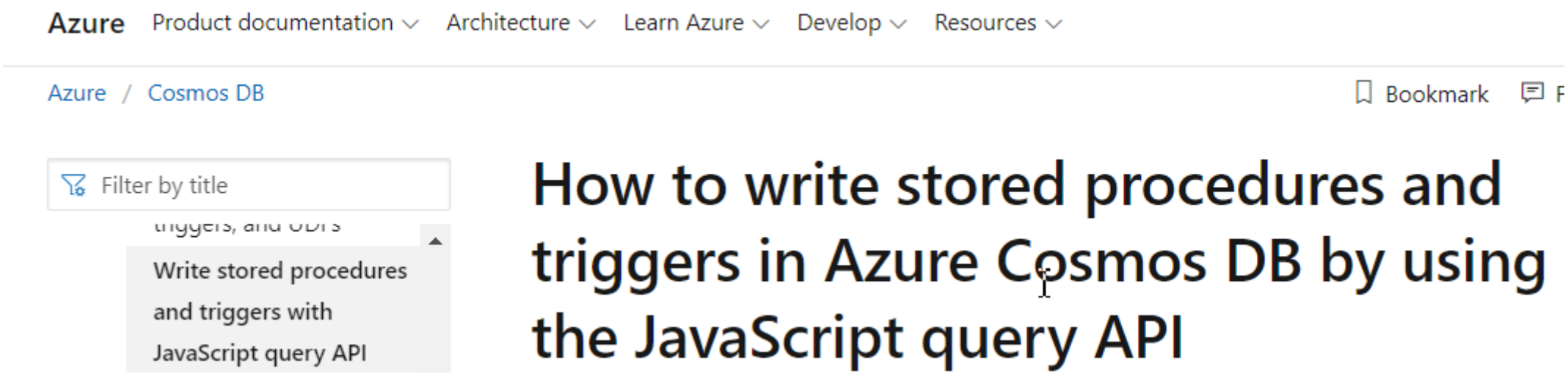
… and even inside some databases!



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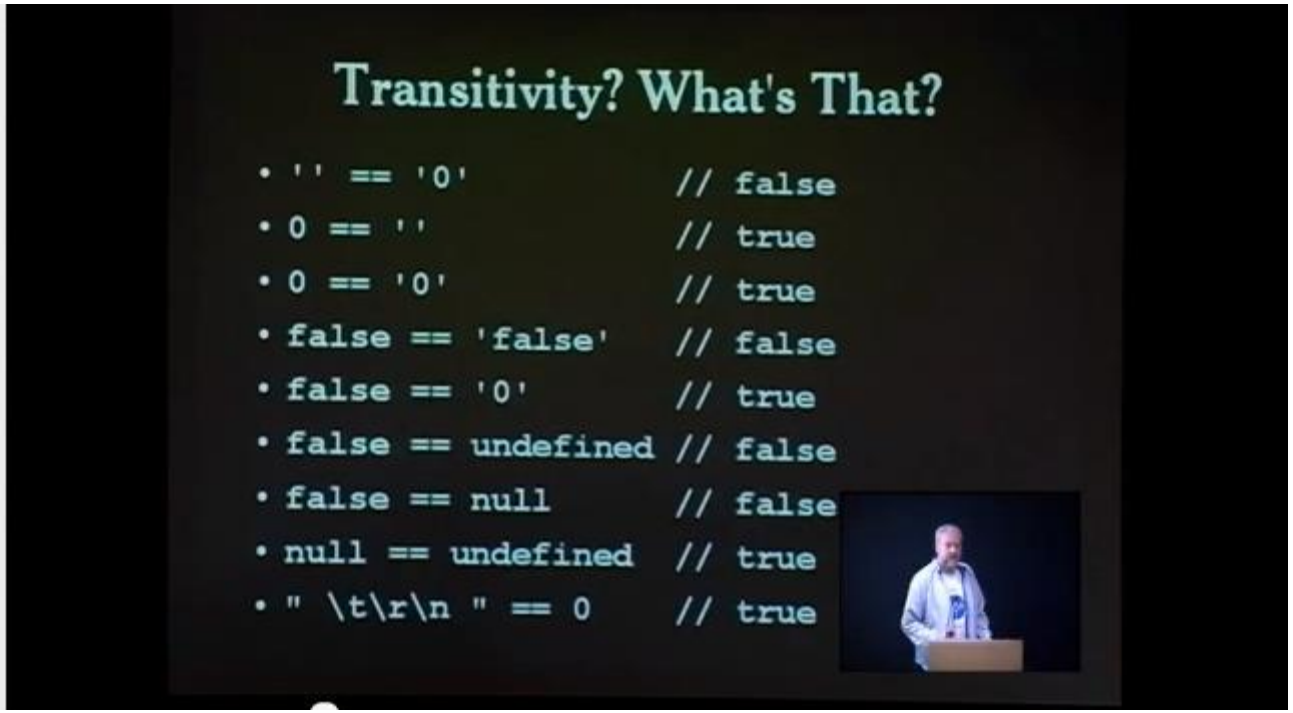
JavaScript has some quirks, however ...



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Truthy and Falsy

In JavaScript, a **truthy** value is a value that is considered `true` when encountered in a Boolean context. All values are truthy unless they are defined as falsy (i.e., except for `false`, `0`, `-0`, `0n`, `""`, `null`, `undefined`, and `NaN`).

JavaScript uses type coercion in Boolean contexts.

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But ...

We'll work through the quirks together and get comfortable with the language in no time at all!

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The Plan (subject to change; give us feedback)

- Week 1 - Basic Syntax
- Week 2 - Objects
- Week 3 - The DOM
- Week 4 - Closures
- Week 5 - Working with Arrays
- Week 6 - Fetching data
- Week 7 - NPM

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