



JONAS.IO
SCHMEDTMANN

THE COMPLETE JAVASCRIPT COURSE

FROM ZERO TO EXPERT!



@JONASSCHMEDTMAN

SECTION

ASYNCHRONOUS JAVASCRIPT:
PROMISES, ASYNC/AWAIT AND AJAX

LECTURE

PROMISES AND THE FETCH API

JS

WHAT ARE PROMISES?

PROMISE

- 👉 **Promise:** An object that is used as a placeholder for the future result of an asynchronous operation.

↓ Less formal

- 👉 **Promise:** A container for an asynchronously delivered value.

↓ Less formal

- 👉 **Promise:** A container for a future value.

Example: Response from AJAX call

- 👉 We no longer need to rely on events and callbacks passed into asynchronous functions to handle asynchronous results;
- 👉 Instead of nesting callbacks, we can **chain promises** for a sequence of asynchronous operations: **escaping callback hell** 🎉



Promise that I will receive money if I guess correct outcome

👉 I buy lottery ticket (promise) right now

↓
🔮 Lottery draw happens asynchronously

↓
💰 If correct outcome, I receive money, because it was promised

THE PROMISE LIFECYCLE

