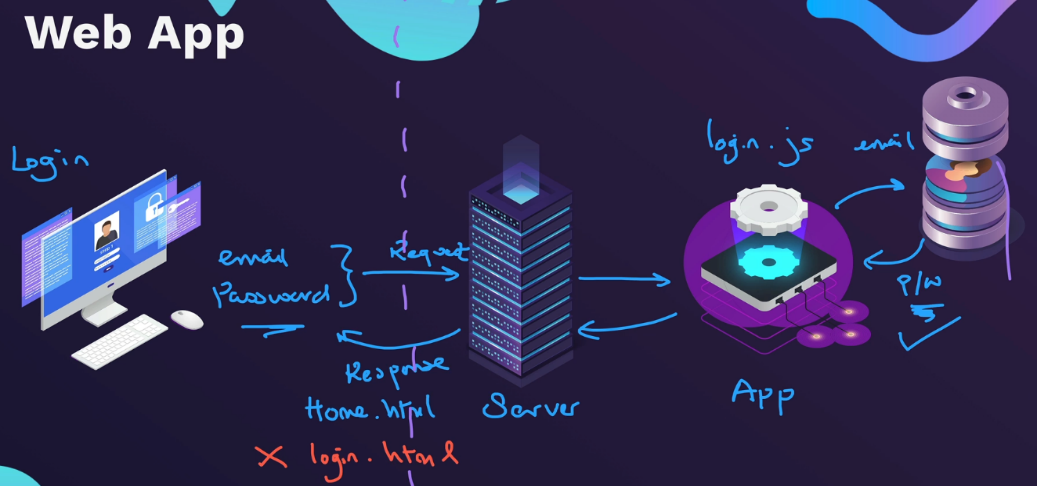
Section 23 Backend Web Dev

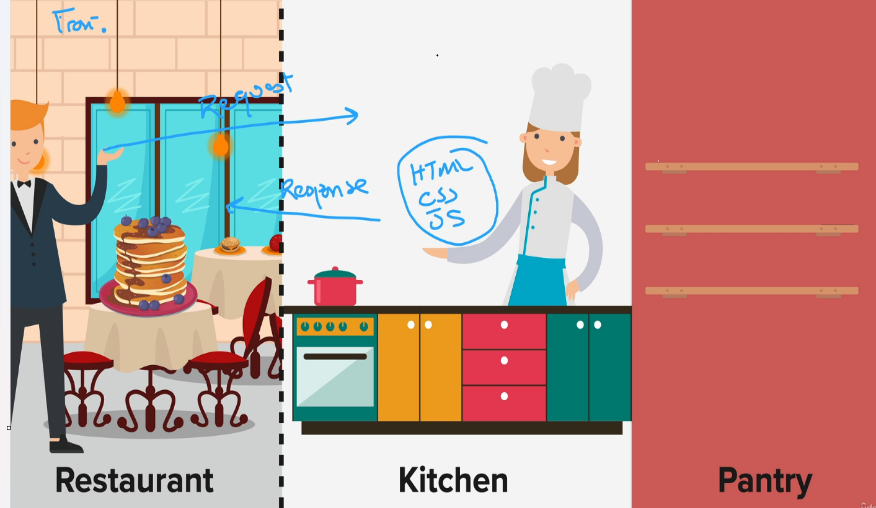
Severs Applications and DB – back end



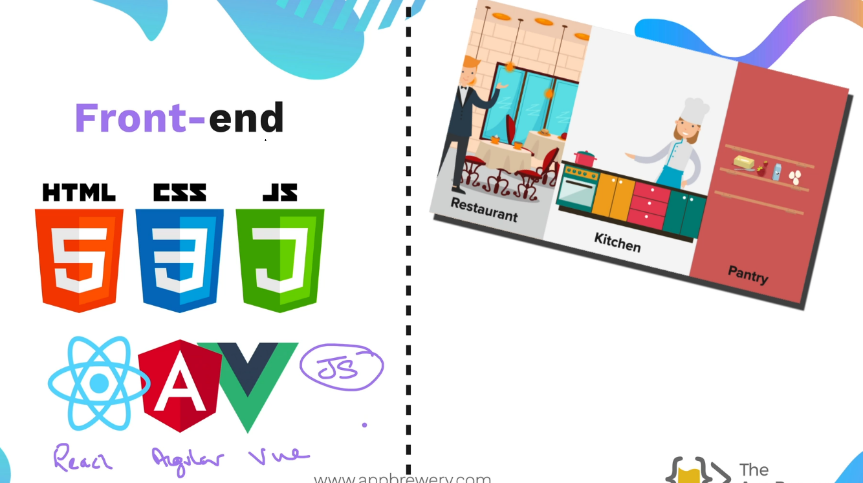
A computer screen with text on it

AI-generated content may be incorrect.





Backend tooling and technologies



Backend



Node JS





A close-up of a logo

AI-generated content may be incorrect.\

Node REPL



A black text on a white background

AI-generated content may be incorrect.

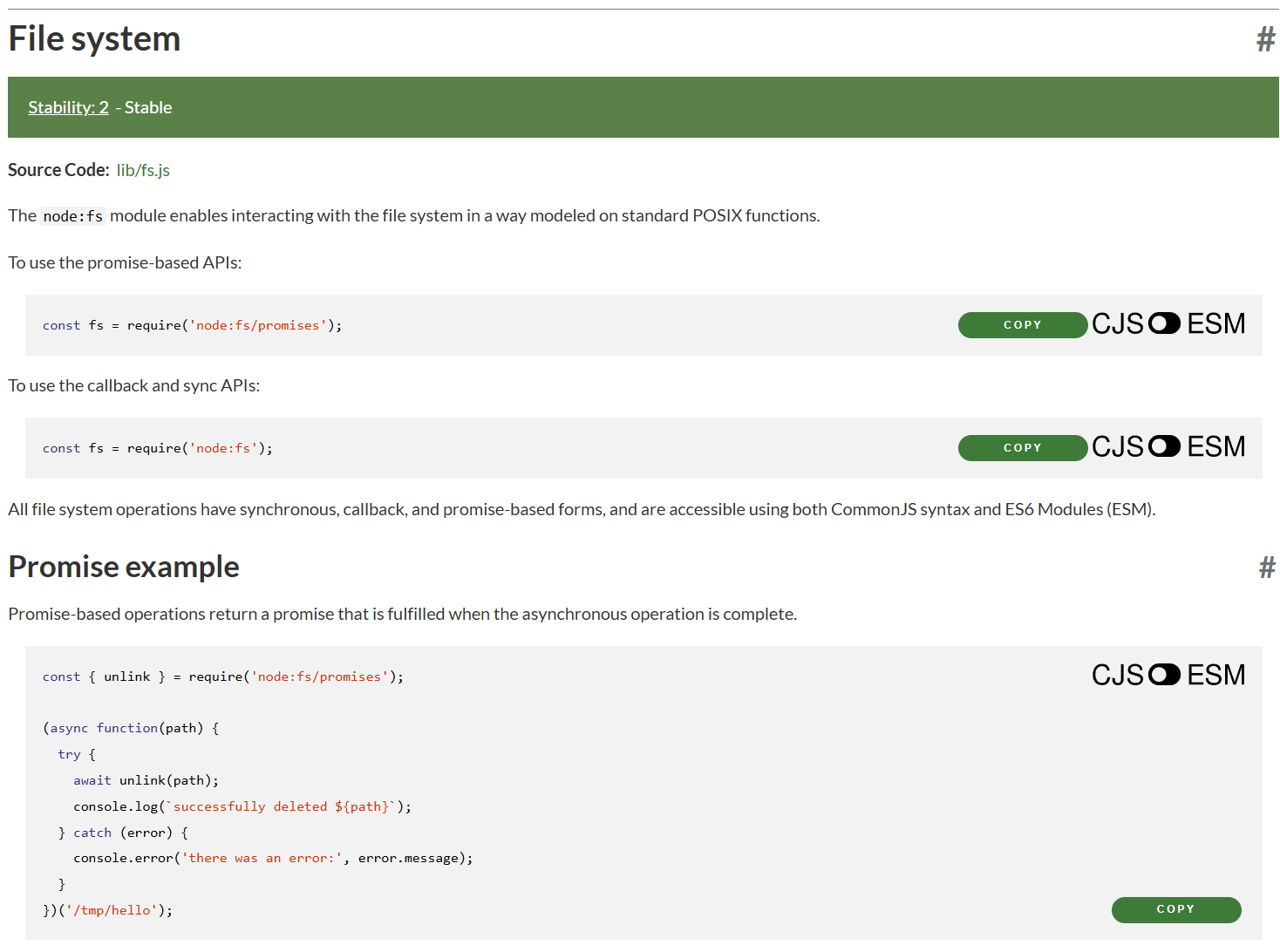
To open the node REPL type node

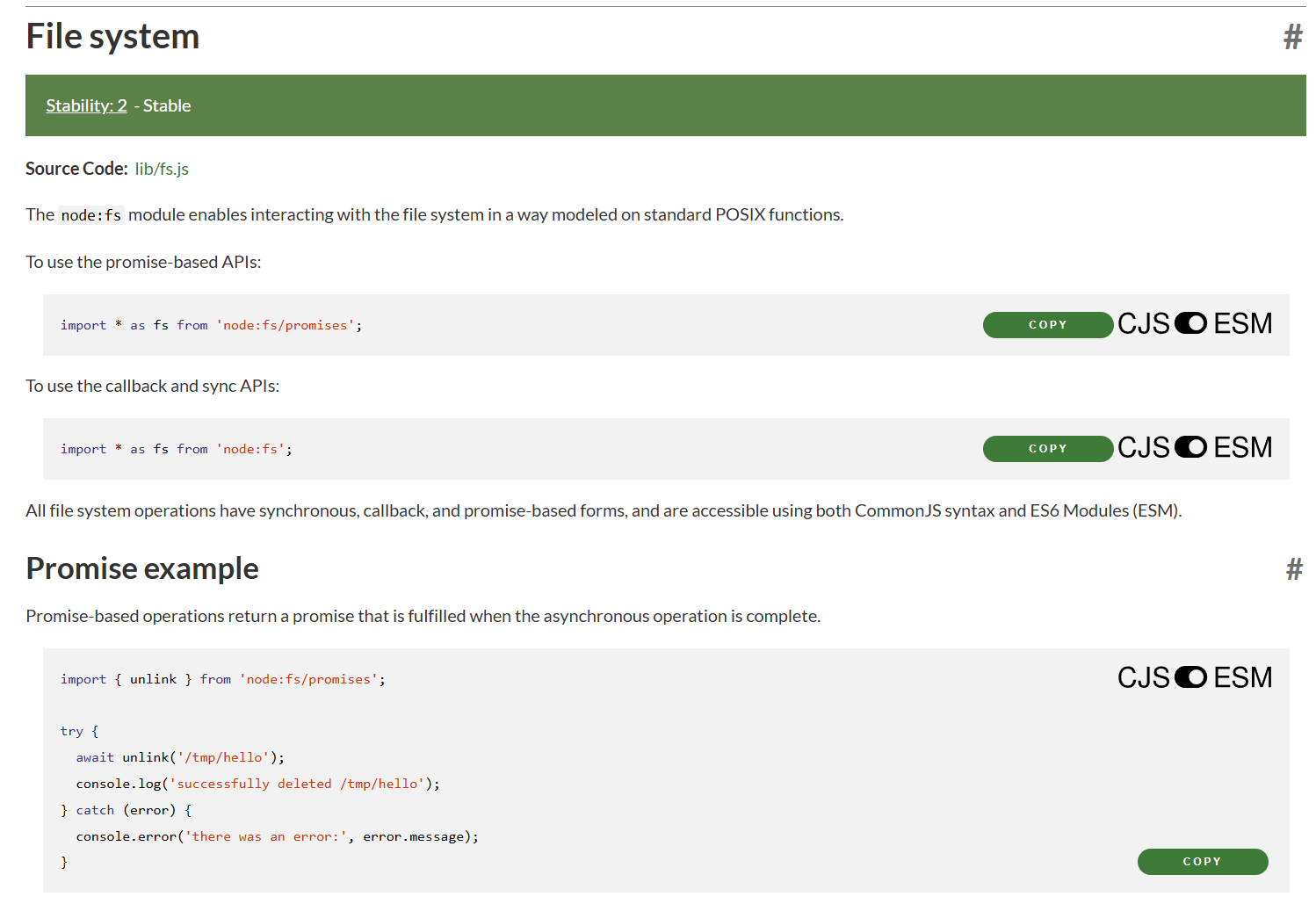
Using native node modules – starting toolset , built in



https://nodejs.org/docs/latest-v18.x/api/index.html

Common JS vs EMS syntax





Node package manager – npm collection of prebuilt node packages by GitHub – community tool library

Node comes with npm so can use npm init out of the box

Node now uses ESM, so use it instead of common js (CJS)

Update “type” to module

A screenshot of a computer program

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

Use:

1. import { randomSuperhero } from "superheroes";
2. const name = randomSuperhero();

Instead of:

1. import superheroes from "superheroes";
2. const name = superheroes.random();

npm init creates package.json

<https://www.npmjs.com/package/sillyname>

A yellow toy block with white text

AI-generated content may be incorrect.

Generate a QR Code project - user scans to direct them to a URL

Get input from user who types into terminal , generate qr code and save it locally, create a text file that contains what the user typed in using fs module

<https://www.npmjs.com/package/inquirer>

npm i inquirer

generate qr image

<https://www.npmjs.com/package/qr-image>

npm i qr-image

Restart here

<https://www.udemy.com/course/the-complete-web-development-bootcamp/learn/lecture/38126546#questions/12105158>