JavaScript - Node.js

Node.js

Node.js is a program for running JavaScript on the command line rather than in the browser. Therefore, it can be used to create the backend of a webapp, creating ‘fast and scalable network applications’ and allowing for a full webapp to be programmed in just one languauge.

Node is an asynchronous event drive framework, being able to handle many connections concurrently, however it is not mutlithreaded. Node can act as asynchronous since it is non-blocking in execution. Therefore until a larger function is ready to execute it will wait, allowing other smaller functions to be processed in the meantime.