Can you run a single-threaded web server?

Good performance, as long as the requests handlers :

- do some asynchronous I/O
  (filesys, database, cache, network and so on)

- do NOT do any heavy but yet synchronous computations
  (complex math, intensive data processing and so on)

How about multi-threaded Javascript?

But, if needed, Javascript can be multi-threaded

- Node cluster (NodeJS only)

- Web Workers (Browser and NodeJS)

✓ Good for heavy but yet synchronous computations

✓ Takes advantages of multicore machine