Async Patterns in Node.js

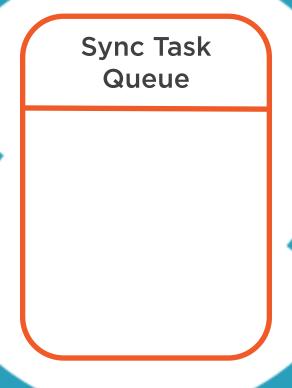
THE EVENT LOOP AND THE NEED FOR ASYNCHRONOUS CODE



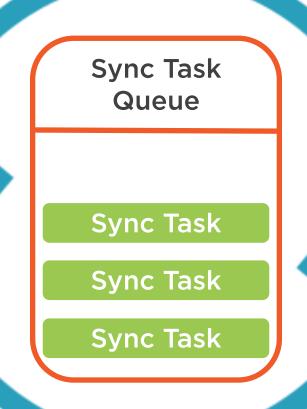
Brice Wilson

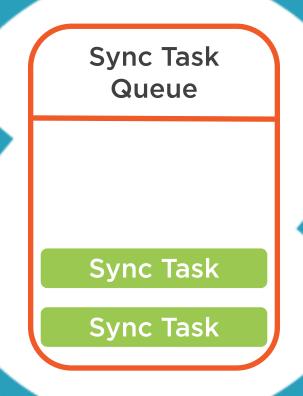
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Async Task Queue

Sync Task Queue Sync Task



Async Task Queue

Async Task

Async Task

Async Task

Sync Task Queue

Sync Task



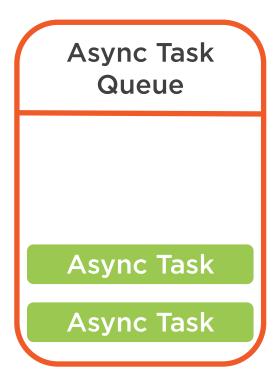
Async Task Queue

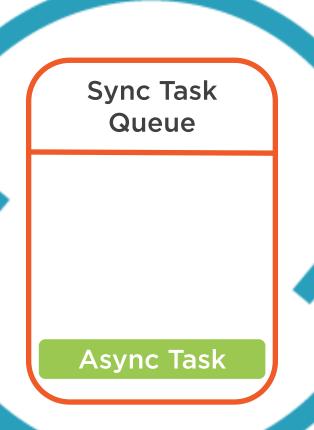
Async Task

Async Task

Async Task

Sync Task Queue







Async Task
Queue

Async Task

Async Task

Sync Task Queue





Sync Task Queue Async Task



Async Task Queue Async Task

Sync Task Queue Async Task Async Microtask Queue

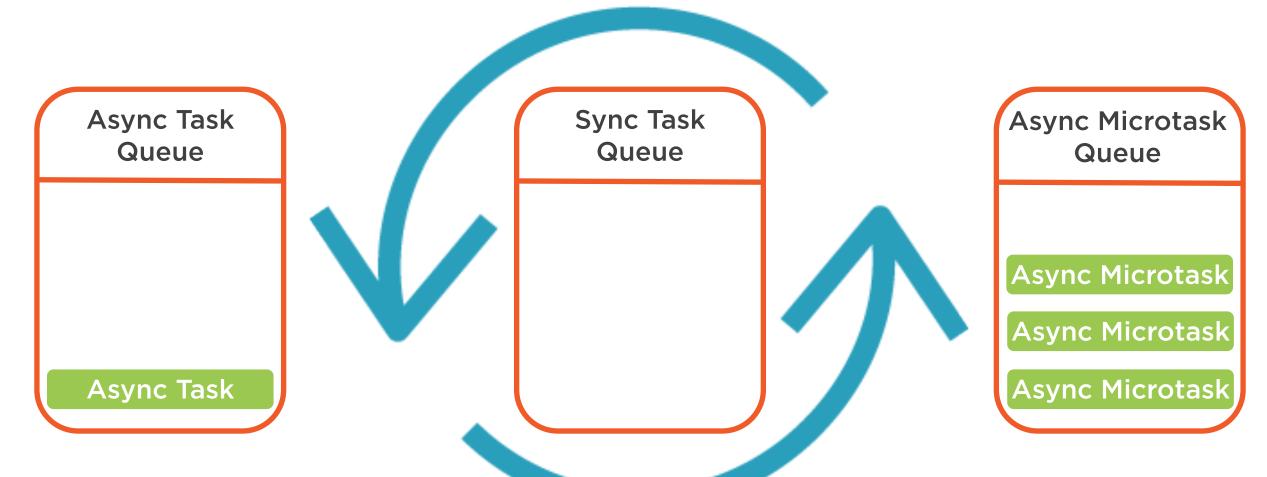


Async Task Queue Async Task Sync Task Queue Async Task

Async Microtask
Queue

Async Microtask
Async Microtask
Async Microtask







Async Task Queue

Async Task

Sync Task Queue

Async Microtask

Async Microtask

Async Microtask

Async Microtask Queue



Demo



Demo project overview



Demo



Converting synchronous code to asynchronous code



Demo



Accepting callbacks as parameters



Up Next:

Writing Asynchronous Code with Promises and async/await

