

Asynchronous function calls

- DOM events (browser)
- Ajax requests (browser)
- Timer (browser and NodeJs)
- any non-blocking I/O (NodeJs)
- ◉ but promises are not necessarily async by default

The Javascript Event Loop

Heap



Stack



Synchronous API

```
Array.sort(f)
```

Asynchronous API

```
setTimeout(f, t)
```

