

Synchronous and Asynchronous Function Calls

There are two types of function calls

- **Asynchronous** calls pushed to the event loop
- **Synchronous** calls pushed to the call stack

Asynchronous function calls

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