

# 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 async by default