

Trust Issues with SetTimeout ...

It's not necessary that setTimeout function will execute guaranteedly after particular time provided.

→ setTimeout() will guarantee that it will come in callback queue after 't' seconds provided. This is known as concurrency model in javascript.

↓
 { GEC will move out & event loop will pick up callback & push to call stack. }

Blocking of main thread:

timeout (5 seconds);

// time taken by below line is 10 seconds.

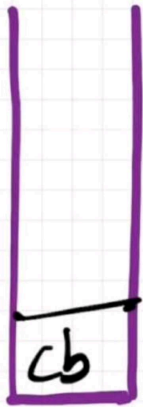
setTimeout (0)

Will push the callback into the callback queue.

Use Cases:

- Differ some piece of code (less important)
- Code with lower priority (footer)
- Discover Yourself: (Inside browser inspect)
 - ✓ DOM breakpoints
 - ✓ Try out everything

Call Stack



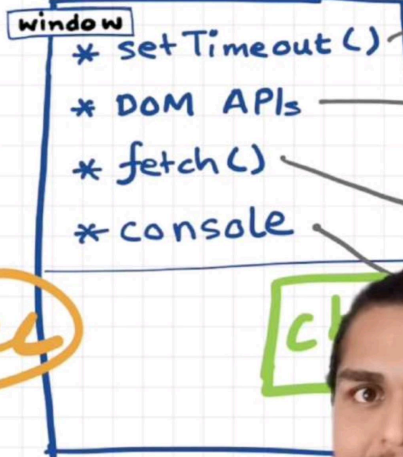
```
console.log("Start");  
  
setTimeout(function cb() {  
  console.log("Callback");  
}, 5000);  
  
console.log("End");
```

// million (10 sec)

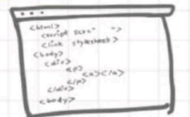


Start
End
Callback

Web APIs



5000ms



cb

Callback Queue

