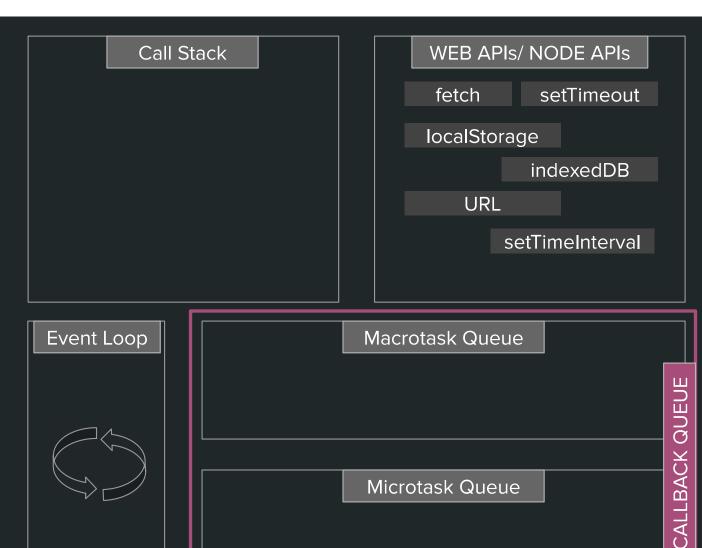
Concurrency In Javascript

Presented by Mubashir Ali

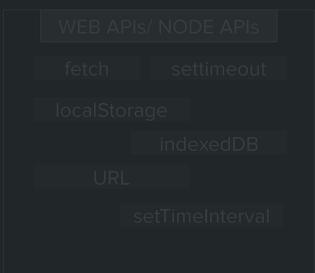
Synchronous Javascript

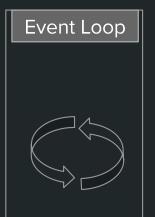
```
main.js
    console.log('One');
    console.log('Two');
    function logThree() {
      console.log('Three');
    function add(a, b) {
      console.log(a + b);
10
11
12
   logThree();
13
   add(1, 2);
15
   console.log('Four');
17
```



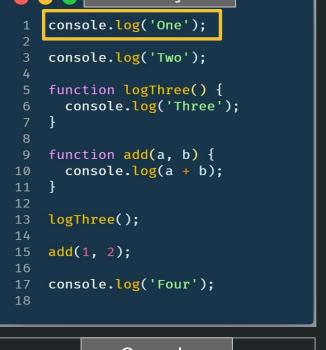
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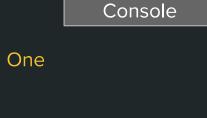




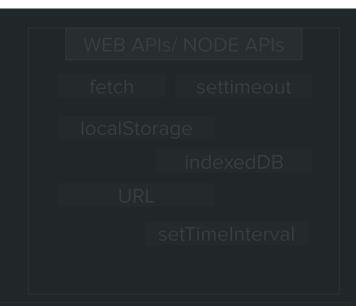


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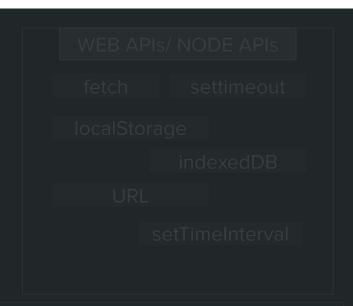




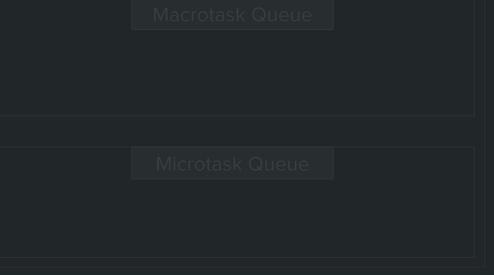
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One Two





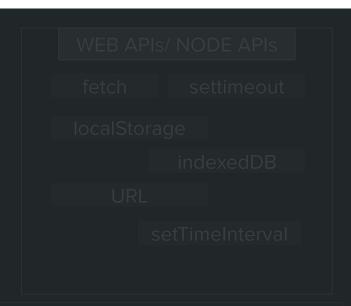




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One Two Three

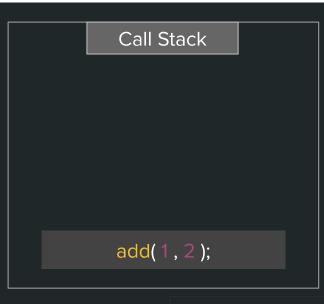


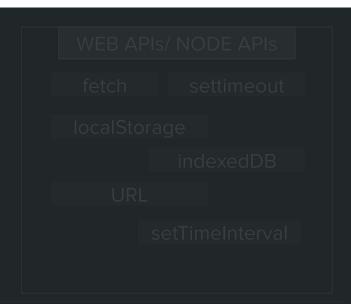




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One Two Three 3







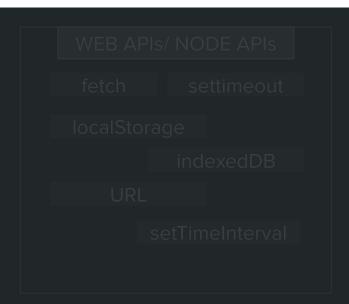
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Two Three 3 Four

One

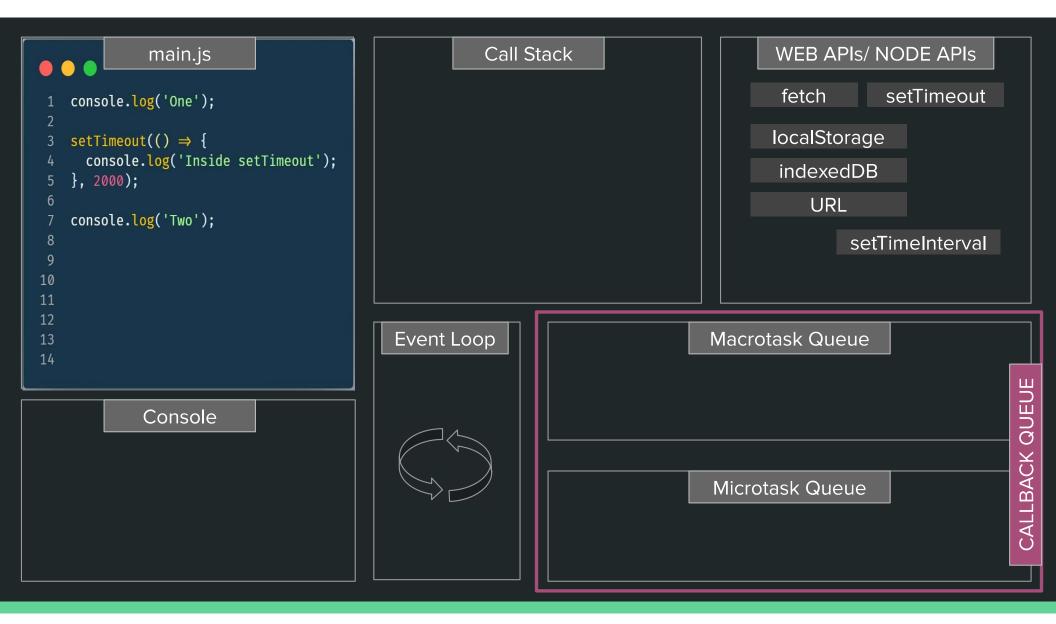
Call Stack

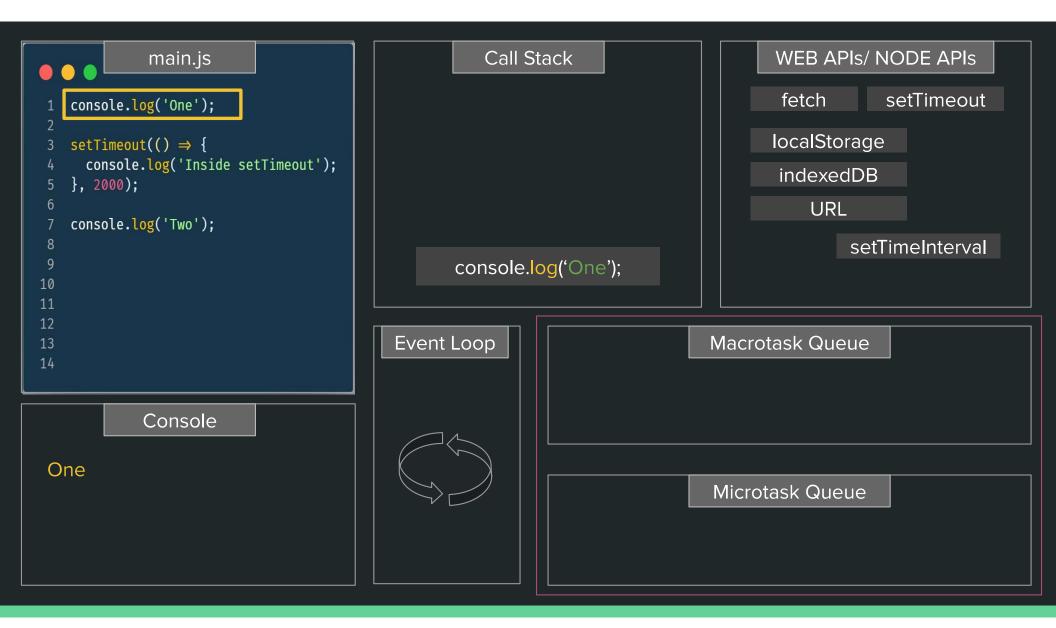
console.log('Four');

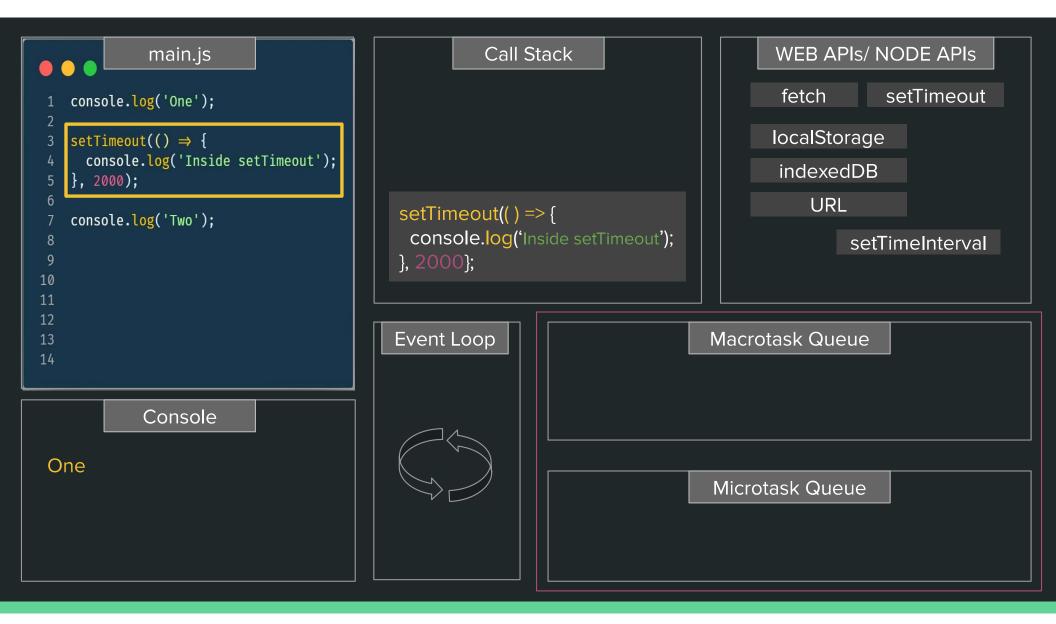


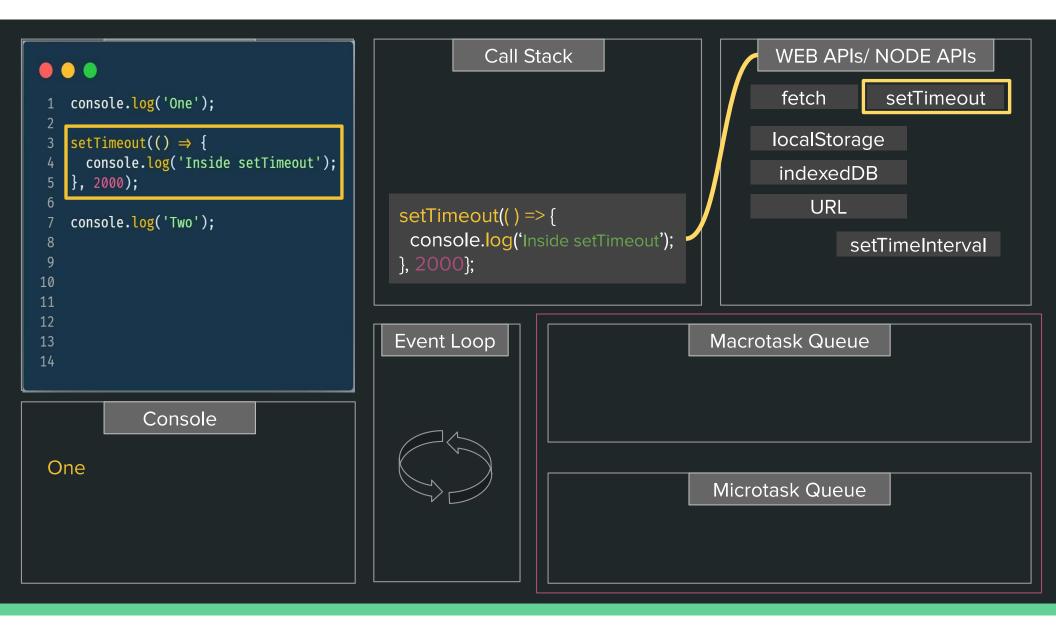


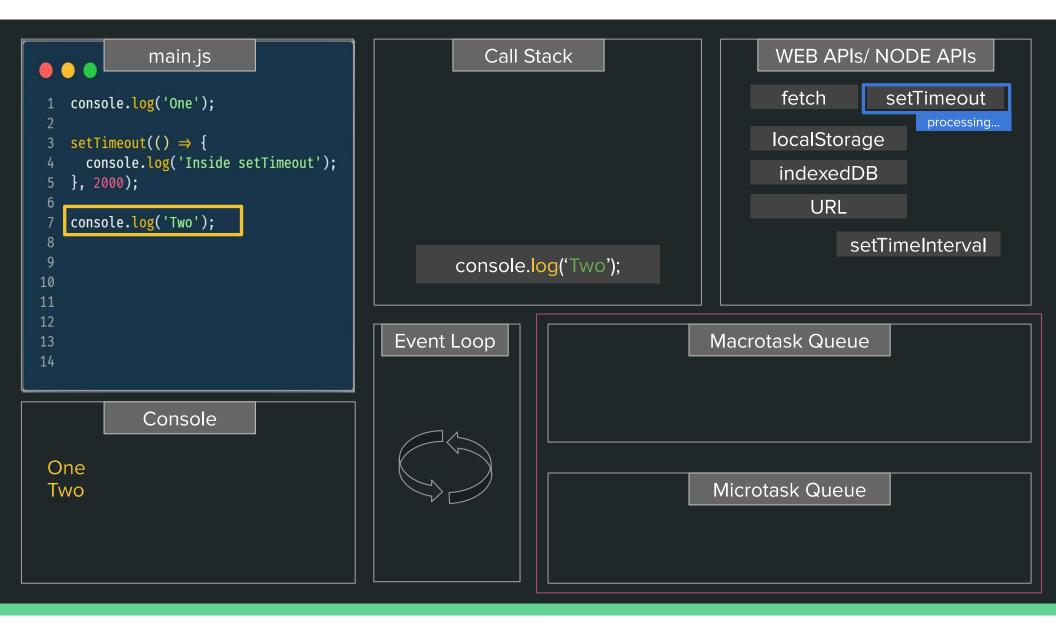
Asynchronous Javascript



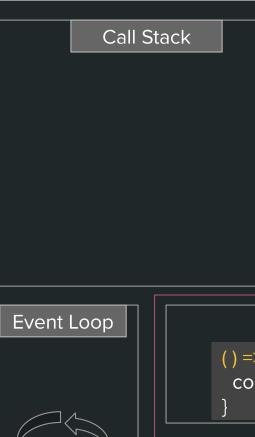


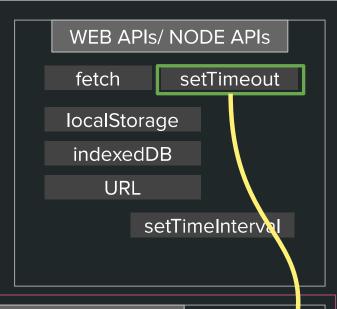










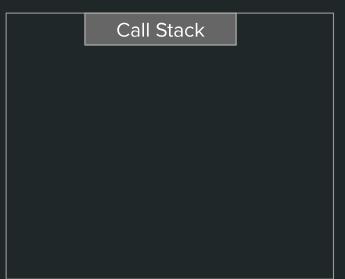


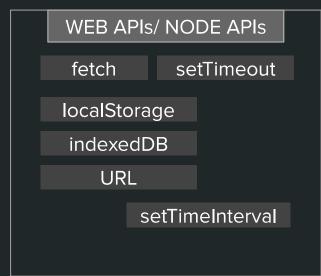
One Two







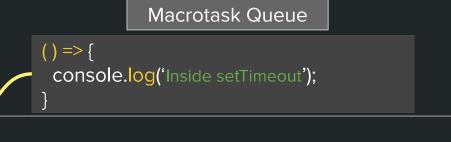


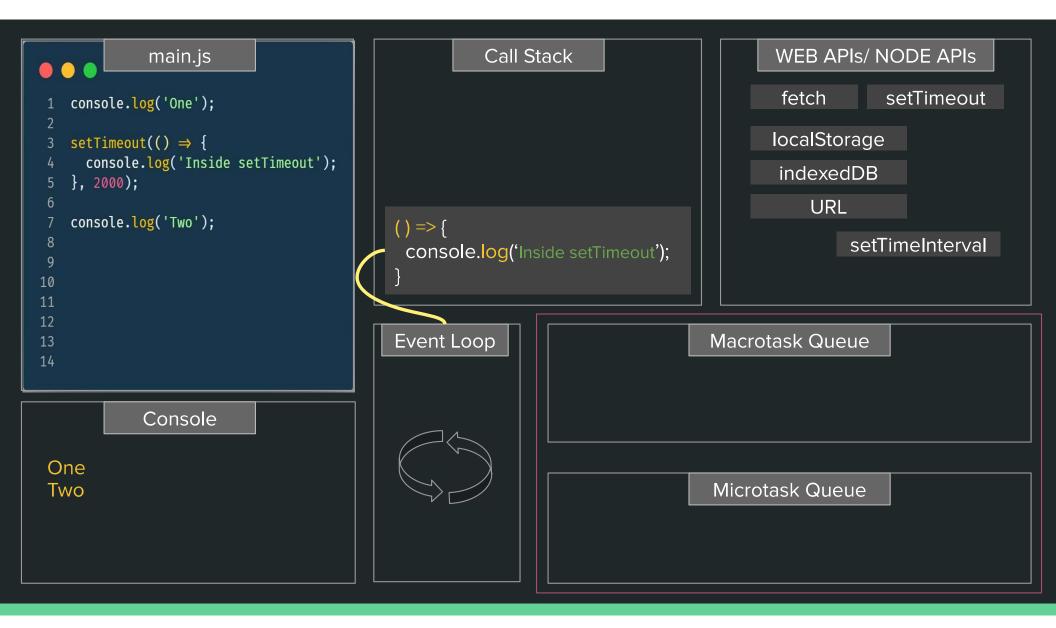




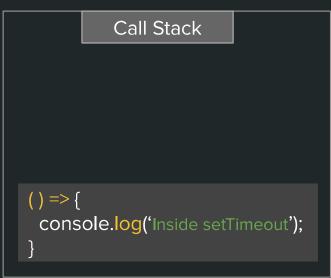


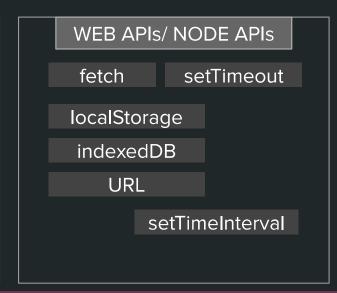
Event Loop











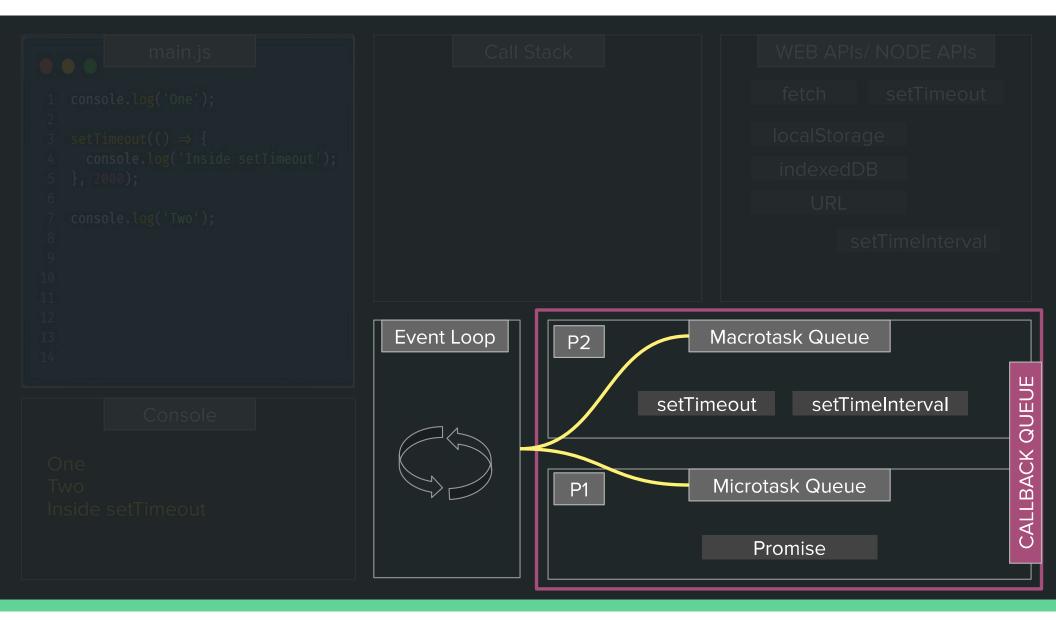


One Two Inside setTimeout



Event Loop

Macrotask Queue



Thank You!