

```
console.log('hi');
setTimeout(function () {
    console.log('there');
}, 5000);
console.log('JSConfEU');
```

stack

```
console.log('hi');

setTimeout(function () {
    console.log('there');
}, 5000);

console.log('JSConfEU');
```

stack

console.log('hi')

main()



```
console.log('hi');

setTimeout(function () {
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console.log('JSConfEU');
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stack

```
console.log('JSConfEU')
    main()
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stack



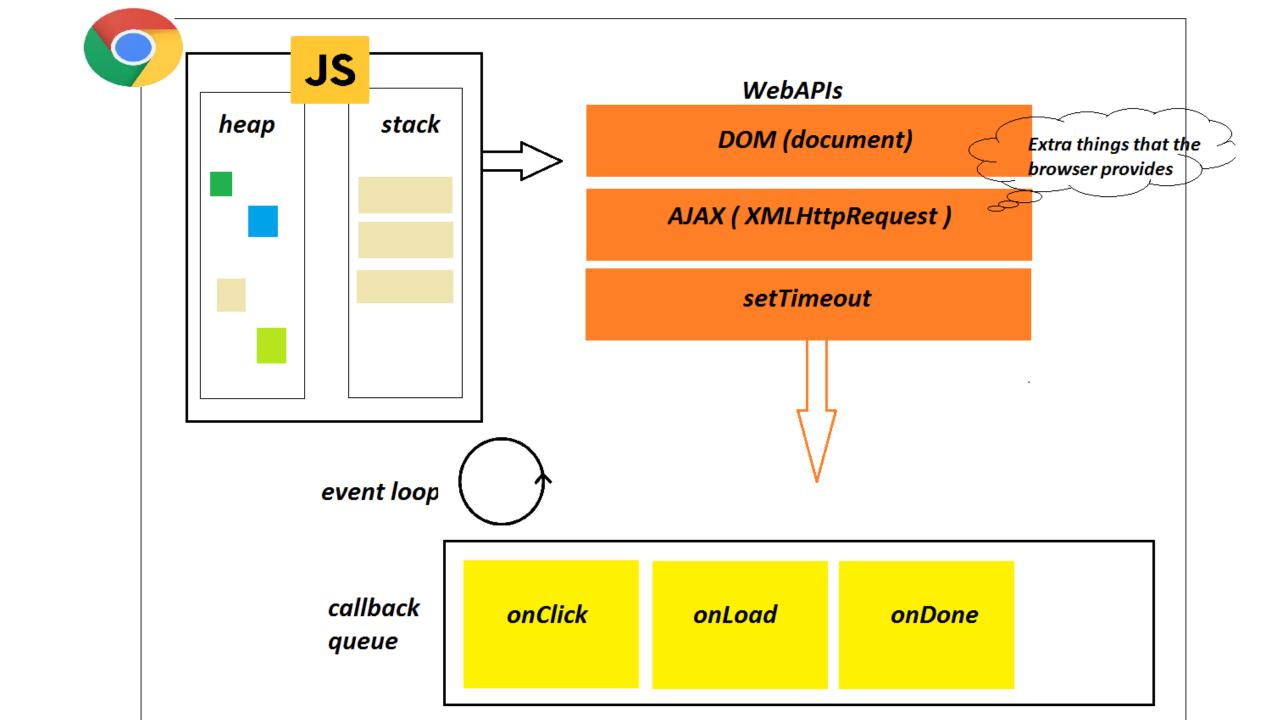
```
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stack

console.log('there')

Concurrency & the Event Loop

One thing at a time, except not really.



```
JSonsole.log('Hi');

setTimeout(function cb() {
    console.log('there');
}, 5000);

console.log('JSConfEU');
```

webapis

main()

Console

event loop



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JSonsole.log('Hi');

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Ηi

stack

webapis

log('Hi')

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Ηi



webapis

setTimeout cb

main()

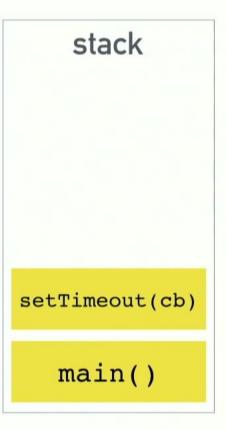


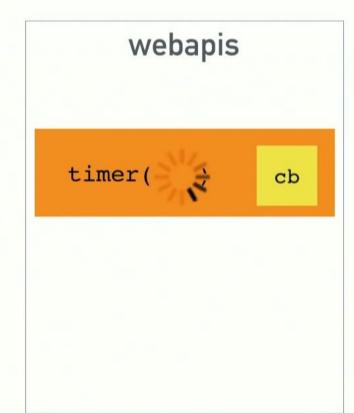
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Ηi





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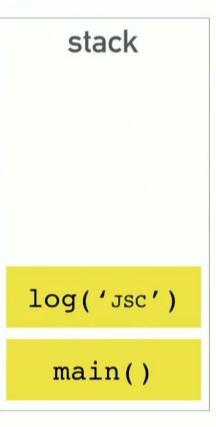
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JS nsole.log('Hi');

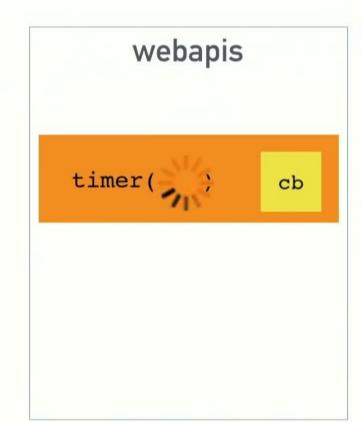
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Ηi

JSConfEU





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task queue

cb

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Ηi

JSConfEU







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                                                              webapis
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webapis

Console

Ηi JSConfEU there

event loop



http://latentflip.com/loupe

```
JS nsole.log('Hi');
 $.get('url', function cb(data) {
     console.log(data);
 });
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```

webapis

Console

event loop



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webapis

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webapis

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$.get('u', cb
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webapis

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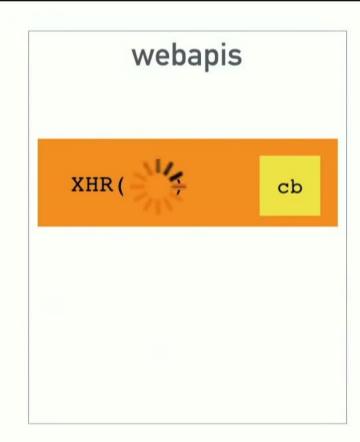


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Ηi

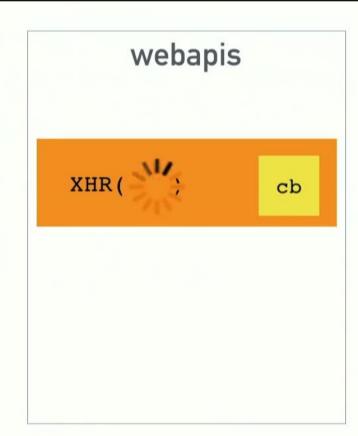
event loop

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stack main()

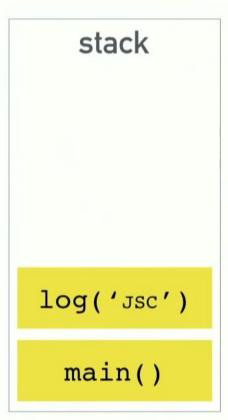


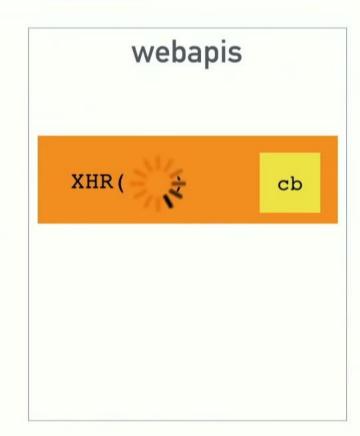
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Console

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task queue

cb

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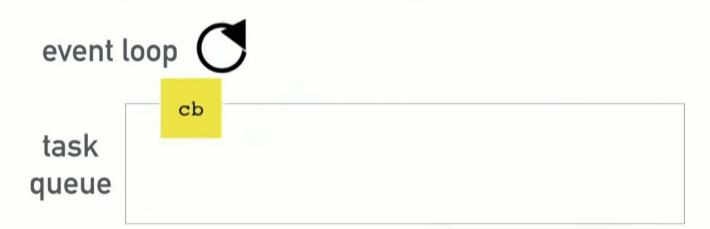
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webapis

Console

Ηi

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webapis

cb

Console

Hi

JSConfEU

{ "some": "json" }

event loop

