What? More?

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 - export <thing>

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 - import <thing> from '<file>'
 - export <thing>
 - export default <thing>

now

• ECMAScript for JavaScr

import <thin

export <thin

export defau



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The Node.js style modules:

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 - are dynamic

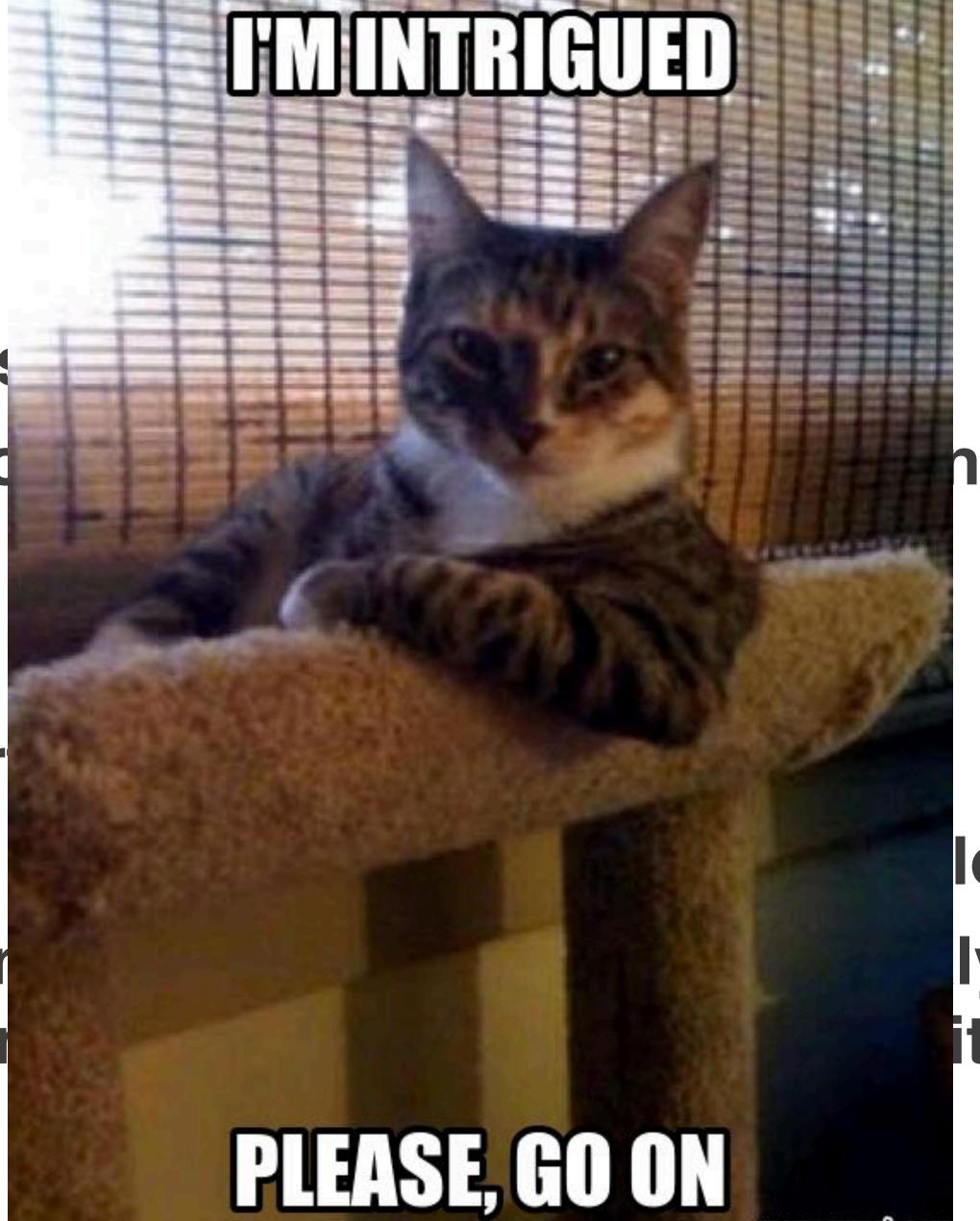
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REACT.JS INTRODUCTION

- The Node.js style modules:
 - only support synchronous module loading
 - are dynamic
- Import/export were designed:
 - to support both sync and async module loading
 - are not dynamic, which allows static analysis (i.e. tools can examine your code without running it)



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b.js

const foo = require('./a')

b.js

b.js

import foo from './a'

```
b.js
```

```
const foo = () => {/* etc */}
const bar = 'bar'

module.exports = {
  foo: foo,
  bar: bar
}
```

```
const {foo, bar} = require('./a.js')
```

```
a.js

const foo = () => {/* etc */}
const bar = 'bar'

module.exports = {
  foo: foo,
  bar: bar
}
```

```
export const foo = () => {/* etc */}
export const bar = 'bar'
```

```
b.js
const {foo, bar} = require('./a.js')
```

```
import {foo, bar} from './a'
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```
a.js

const foo = () => {/* etc */}
const bar = 'bar'

module.exports = {
  foo: foo,
  bar: bar
}
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b.js

const {foo, bar} = require('./a.js')
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```
export const foo = () => {/* etc */}
export const bar = 'bar'
```

import {foo, bar} from './a'

```
a.js
  const foo =
  const bar =
  module.expor
    foo: foo,
    bar: bar
export const f
              ...Interesting
```

b.js quire('./a.js')

from './a'

export const b

FUNNY PIGTURES COM

 Import/Export has support in the latest versions of some browsers

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- Node.js does not support import/export natively yet

 Browser-side JavaScript: use import/export and use webpack to compile your code

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Node: continue to use require and module.exports