

CommonJS Modules

(cjs) //

- module.exports
require()
- by default used NodeJS
- Older way
- Synchronous
- non strict mode //

ES Modules (ESM)

(mjs) // (ES6 Modules)

- import
export
- by default used in
React, Angular
- Newer way
- Async
- (strict mode)

Q. How are variables & functions private in different module??

→ IIFE & require (statement)

↑
(wrapping code)

Q. How do you get access to module.exports

→ Node.js passes module as parameter to the IIFE

Q. How are variables & functions private in different module??

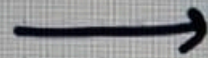
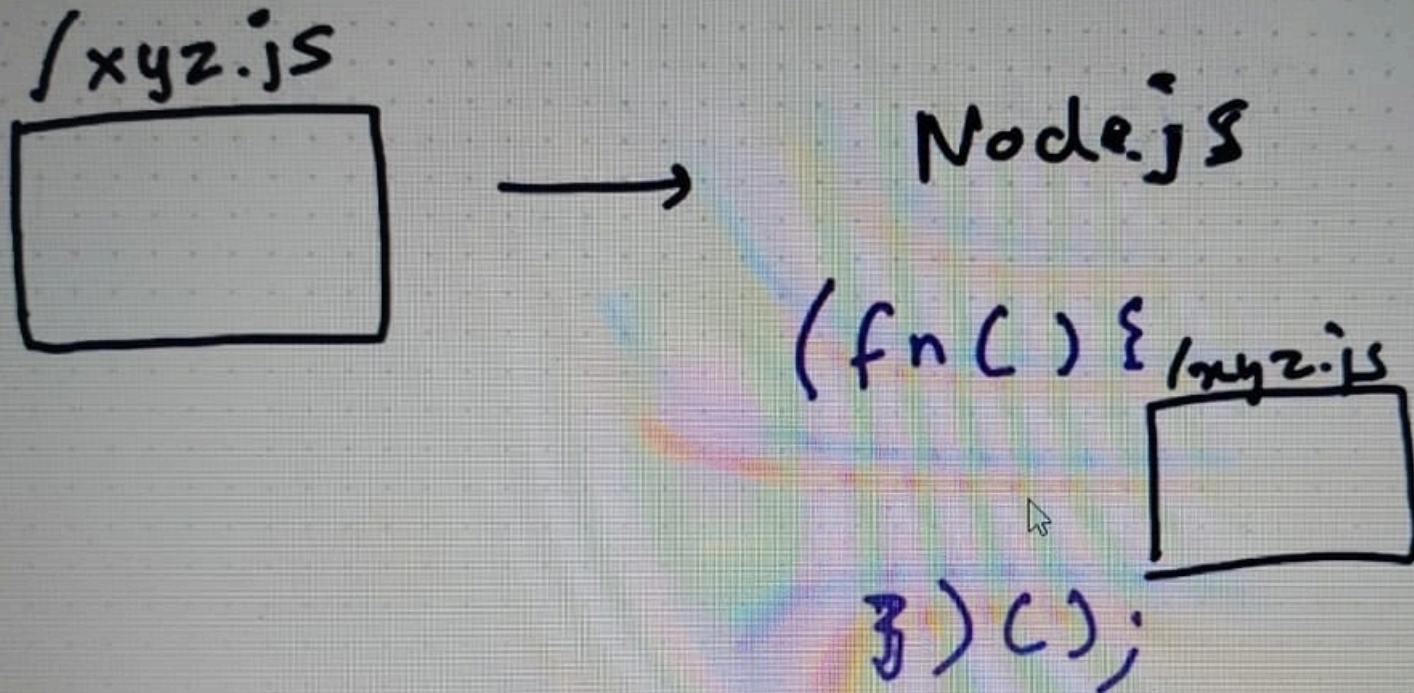
→ IIFE & require (statement)

↑
(wrapping code)

Q. How do you get access to module.exports

→ Node.js passes module as parameter to the IIFE

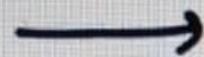

/xyz.js



Node.js

(fn() { /xyz.js
}());

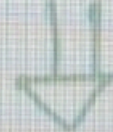
xyz.js



Node.js

```
(fn() {  
  xyz.js  
})();
```

module,
require



V8 Engine

