

Named & Default Exports

This lesson briefly explains the difference between Named and Default exports and how to make to both type of exports in JavaScript.

All the cases discussed in the previous lesson were named imports and exports. But there exists the default statement too. Adding a `default` keyword before any class definition makes it a default thing which we want to export from the given module. It can be used for a few use cases:

- to export and import a single functionality from a module
- to highlight the main functionality of the exported API of a module
- to have a fallback import functionality

Syntax:

- To make a class default export inside a module

```
export default class_name {....}
```

- To import a default export class from a module

```
import class_name from module_name;
```

You can leave out the curly braces for the import to import the default export:

```
const robin = {  
  firstname: 'Robin',  
  lastname: 'Wieruch',  
};  
  
export default robin;
```

Furthermore, the import name can differ from the exported default name. You can also use it in conjunction with the named export and import

statements and import the default or the named exports in another file:

```
const firstname = 'Robin';  
const lastname = 'Wieruch';  
  
const person = {  
  firstname,  
  lastname,  
};  
  
export {  
  firstname,  
  lastname,  
};  
  
export default person;
```

You can also spare additional lines and export the variables directly for named exports, like this:

```
export const firstname = 'Robin';  
export const lastname = 'Wieruch';
```



You can also import a combination of named and default objects from a given module like this:

```
import React, {Component} from 'react';
```



In React, we use a combination of default and named imports very frequently so you will get to see this line in almost every React file.

These are the main functionalities for ES6 modules. They help you to organize your code, to maintain your code and to design reusable module APIs. You can also export and import functionalities to test them.