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default

The **default keyword** can be used in two situations in JavaScript: within a `switch` statement,
or with an `export` statement.

JavaScript Demo: Statement - Default

```
1  var expr = 'Pears';
2  switch(expr) {
3    case 'Oranges':
4      console.log('Oranges are $0.59 a pound.');
5    break;
6    case 'Apples':
7      console.log('Apples are $0.32 a pound.');
8    break;
9    default:
10     console.log('Sorry, we are out of ' + expr + '.');
11     // expected output: "Sorry, we are out of Pears."
12 }
13
```

Run ›

Reset

Syntax 🔗

Within a `switch` statement:

```
switch (expression) {
  case value1:
    //Statements executed when the result of expression matches value1
    [break;]
  default:
    //Statements executed when none of the values match the value of the expression
    [break;]
}
```

With `export` statement:

```
export default nameN
```

Description 🔗

For more details see the

- `switch` statement and

- `export` statement pages.

Examples 🔗

Using default in switch statements 🔗

In the following example, if expr evaluates to "Oranges" or "Apples", the program matches the values with either the case "Oranges" or "Apples" and executes the corresponding statement. The default keyword will help in any other case and executes the associated statement.

```
 1   switch (expr) {
 2     case 'Oranges':
         console.log('Oranges are $0.59 a pound.');
 3       break;
 4     case 'Apples':
         console.log('Apples are $0.32 a pound.');
 6       break;
 7     default:
 8       console.log('Sorry, we are out of ' + expr + '.');
 9   }
10
```

Using default with export 🔗

If you want to export a single value or need a fallback value for a module, a default export can be used:

```
1   // module "my-module.js"
2   let cube = function cube(x) {
3     return x * x * x;
4   };
5   export default cube;
```

Then, in another script, it will be straightforward to import the default export:

```
1  // module "another-module.js"
2  import cube from 'my-module';  //default export gave us the liberty to say import cube, instead of import
3  console.log(cube(3)); // 27
```

Specifications 🔗

Specification	Status		Comment
ECMAScript 2015 (6th Edition, ECMA-262) The definition of 'switch statement' in that specification.	**ST**	Standard	
ECMAScript 2015 (6th Edition, ECMA-262) The definition of 'Exports' in that specification.	**ST**	Standard	
ECMAScript Latest Draft (ECMA-262) The definition of 'switch statement' in that specification.	**D**	Draft	
ECMAScript Latest Draft (ECMA-262) The definition of 'Exports' in that specification.	**D**	Draft	

Browser compatibility 🔗

`default` keyword in `switch`

Chrome	Yes
Edge	Yes
Firefox	1
IE	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox Android	4
Opera Android	Yes
Safari iOS	Yes
Samsung Internet Android	Yes
nodejs	Yes

`default` keyword with `export`

Chrome	61
Edge	16

Firefox	60
IE	No
Opera	47
Safari	10.1
WebView Android	No
Chrome Android	61
Firefox Android	60
Opera Android	44
Safari iOS	10.1
Samsung Internet Android	No
nodejs	?

Flag as incorrect

..	Full support
..	No support
..	Compatibility unknown

User must explicitly enable this feature.

See also 🔗

- export
- switch