

# Tree Shaking

```
.babelrc
2 {
1  "presets": [
3    "es2015",
1    "es2016",
2    "stage-2",
3    "react"
4  ]
5 }
6
7 | 1 | <ebpack2-setup/15-tree-shaking/.babelrc
```

```
(index) styles.main.css bundle.vendor.js helper.js x
1 'use strict';
2
3 Object.defineProperty(exports, "__esModule", {
4   value: true
5 });
6 console.log('log from util/helper.js');
7
8 exports.used = used;
9 exports.notUsed = notUsed;
10 exports.constants = constants;
11
12
13 function used() {
14   return 'used';
15 }
16 function notUsed() {
17   return 'notUsed';
18 }
19 var constants = { a: 'a', b: 'b' };
20
```

```
.babelrc
7 {
6  "presets": [
5    [ "es2015", {modules:false} ],
4    "es2016",
3    "stage-2",
2    "react"
1  ]
8 }
1
7 | 1 | <ebpack2-setup/15-tree-shaking/.babelrc
```

```
(index) styles.main.css bundle.vendor.js client module.js global.js socket.js helper.js x amd-opti
1 /* harmony export (binding) */ __webpack_require__.d(exports, "b", function() { return used; });
2 /* unused harmony export notUsed */
3 /* harmony export (binding) */ __webpack_require__.d(exports, "a", function() { return constants; });
4 console.log('log from util/helper.js');
5
6
7
8 function used() {
9   return 'used';
10 }
11 function notUsed() {
12   return 'notUsed';
13 }
14 var constants = { a: 'a', b: 'b' };
15
```

```
main.js
8 var style_main = require('./main.css');
7
6 import {used, constants} from 'util/helper';
5 console.log('helper.constants: ', constants );
4 console.log('helper.used: ', used() );
3
```

SourcesContent scriptsSnippets⋮

▼ top

▼ localhost:8080

(index)

bundle.main.88947436109c2011d05c

bundle.vendor.78c5272386d9437246

styles.main.88947436109c2011d05d.

▶ (no domain)

▶ Diigo Web Collector - Capture and Anno

▶ Wappalyzer

▼ webpack://

▼ (webpack)/buildin

global.js

module.js

▶ .

▶ Users/apollo tang/Desktop/g-webpack

main.js helper.js bundle.main.889...09c2011d05d.js x bundle.vendor.7..

Source Map detected.

48 return \_extends({}, n);

49 };

50 console.log('test es7 spread: ', testSpread());

51

52 // =====

53 // 14-tree-shaking

54 //

55

56 console.log('helper.constants: ', \_\_WEBPACK\_IMPORTED\_MODULE\_2\_util\_

57 console.log('helper.used: ', \_\_webpack\_require\_\_.i(\_\_WEBPACK\_IMPORT

58

59 /\*\*/ },

60 /\* 3 \*/

61 /\*\*/ function(module, exports, \_\_webpack\_require\_\_) {

62

63 "use strict";

64 /\* harmony export (binding) \*/ \_\_webpack\_require\_\_.d(exports, "b",

65 /\* unused harmony export notUsed \*/

66 /\* harmony export (binding) \*/ \_\_webpack\_require\_\_.d(exports, "a",

67 console.log('log from util/helper.js');

68

69

70