

example.js

This example illustrates how to specify the chunk name in `require.ensure()` and `import()` to separated modules into separate chunks manually.

```
import("./templates/foo" /* webpackChunkName: "chunk-foo" */).then(function(foo) {
  console.log('foo:', foo);
})

require.ensure([], function(require) {
  var foo = require("./templates/foo");
  console.log('foo:', foo);
}, "chunk-foo1");

var createContextVar = "r";
import("./templates/ba" + createContextVar /* webpackChunkName: "chunk-bar-baz" */
).then(function(bar) {
  console.log('bar:', bar);
})
```

templates/

- foo.js
- baz.js
- bar.js

All templates are of this pattern:

```
var foo = "foo";

export default foo;
```

dist/output.js

```
/***/ ((() => { // webpackBootstrap
/***/
  var __webpack_modules__ = ([
/* 0 */,
/* 1 */
/*!*****!*\
  !*** ./templates/ lazy ^\./ba.*$ chunkName: chunk-bar-baz namespace object ***!
  \******/
/*! default exports */
/*! exports [not provided] [no usage info] */
/*! runtime requirements: module, __webpack_require__.o, __webpack_require__,
__webpack_require__.e, __webpack_require__(* */
/***/ ((module, __unused_webpack_exports, __webpack_require__) => {
```

```

var map = {
  "./bar": [
    3,
    791
  ],
  "./bar.js": [
    3,
    791
  ],
  "./baz": [
    4,
    548
  ],
  "./baz.js": [
    4,
    548
  ]
};

function webpackAsyncContext(req) {
  if(!__webpack_require__.o(map, req)) {
    return Promise.resolve().then(() => {
      var e = new Error("Cannot find module '" + req + "'");
      e.code = 'MODULE_NOT_FOUND';
      throw e;
    });
  }

  var ids = map[req], id = ids[0];
  return __webpack_require__.e(ids[1]).then(() => {
    return __webpack_require__(id);
  });
}

webpackAsyncContext.keys = () => (Object.keys(map));
webpackAsyncContext.id = 1;
module.exports = webpackAsyncContext;

/***/ })
/******/
  ]);

```

► /* webpack runtime code */

```

var __webpack_exports__ = {};
// This entry need to be wrapped in an IIFE because it need to be isolated against
other modules in the chunk.
(() => {
  /*!*****!\
  !*** ./example.js ***!
  \*****/
  /*! unknown exports (runtime-defined) */
  /*! runtime requirements: __webpack_require__, __webpack_require__.e,
  __webpack_require__.* */

```

```

__webpack_require__.e(/*! import() | chunk-foo */
930).then(__webpack_require__.bind(__webpack_require__, /*! ./templates/foo */
2)).then(function(foo) {
    console.log('foo:', foo);
})

__webpack_require__.e(/*! require.ensure | chunk-foo1 */
930).then((function(require) {
    var foo = __webpack_require__(/*! ./templates/foo */ 2);
    console.log('foo:', foo);
}).bind(null, __webpack_require__)).catch(__webpack_require__.oe);

var createContextVar = "r";
__webpack_require__(1)("./ba" + createContextVar).then(function(bar) {
    console.log('bar:', bar);
})

})();

/*****/ }) ()
;

```

Info

Unoptimized

```

asset output.js 11.3 KiB [emitted] (name: main)
asset 548.output.js 858 bytes [emitted] (name: chunk-bar-baz2)
asset 791.output.js 858 bytes [emitted] (name: chunk-bar-baz0)
asset 930.output.js 858 bytes [emitted] (name: chunk-foo)
chunk (runtime: main) output.js (main) 565 bytes (javascript) 5.54 KiB (runtime)
[entry] [rendered]
  > ./example.js main
runtime modules 5.54 KiB 8 modules
dependent modules 160 bytes [dependent] 1 module
./example.js 405 bytes [built] [code generated]
  [used exports unknown]
  entry ./example.js main
chunk (runtime: main) 548.output.js (chunk-bar-baz2) 38 bytes [rendered]
  > ./baz ./templates/ lazy ^\./ba.*$ chunkName: chunk-bar-baz namespace object ./baz
  > ./baz.js ./templates/ lazy ^\./ba.*$ chunkName: chunk-bar-baz namespace object
./baz.js
./templates/baz.js 38 bytes [optional] [built] [code generated]
  [exports: default]
  [used exports unknown]
  import() context element ./baz ./templates/ lazy ^\./ba.*$ chunkName: chunk-bar-
baz namespace object ./baz

```

```

import() context element ./baz.js ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-
bar-baz namespace object ./baz.js
chunk (runtime: main) 791.output.js (chunk-bar-baz0) 38 bytes [rendered]
> ./bar ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-bar-baz namespace object ./bar
> ./bar.js ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-bar-baz namespace object
./bar.js
./templates/bar.js 38 bytes [optional] [built] [code generated]
[exports: default]
[used exports unknown]
import() context element ./bar ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-bar-
baz namespace object ./bar
import() context element ./bar.js ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-
bar-baz namespace object ./bar.js
chunk (runtime: main) 930.output.js (chunk-foo) 38 bytes [rendered]
> ./templates/foo ./example.js 1:0-62
> ./example.js 5:0-8:16
./templates/foo.js 38 bytes [built] [code generated]
[exports: default]
[used exports unknown]
import() ./templates/foo ./example.js 1:0-62
cjs require ./templates/foo ./example.js 6:11-37
webpack 5.51.1 compiled successfully

```

Production mode

```

asset output.js 2.45 KiB [emitted] [minimized] (name: main)
asset 548.output.js 130 bytes [emitted] [minimized] (name: chunk-bar-baz2)
asset 791.output.js 130 bytes [emitted] [minimized] (name: chunk-bar-baz0)
asset 930.output.js 130 bytes [emitted] [minimized] (name: chunk-foo)
chunk (runtime: main) output.js (main) 565 bytes (javascript) 5.54 KiB (runtime)
[entry] [rendered]
> ./example.js main
runtime modules 5.54 KiB 8 modules
dependent modules 160 bytes [dependent] 1 module
./example.js 405 bytes [built] [code generated]
[no exports used]
entry ./example.js main
chunk (runtime: main) 548.output.js (chunk-bar-baz2) 38 bytes [rendered]
> ./baz ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-bar-baz namespace object ./baz
> ./baz.js ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-bar-baz namespace object
./baz.js
./templates/baz.js 38 bytes [optional] [built] [code generated]
[exports: default]
import() context element ./baz ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-bar-
baz namespace object ./baz
import() context element ./baz.js ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-
bar-baz namespace object ./baz.js
chunk (runtime: main) 791.output.js (chunk-bar-baz0) 38 bytes [rendered]
> ./bar ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-bar-baz namespace object ./bar
> ./bar.js ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-bar-baz namespace object
./bar.js

```

```
./templates/bar.js 38 bytes [optional] [built] [code generated]
  [exports: default]
  import() context element ./bar ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-bar-
baz namespace object ./bar
  import() context element ./bar.js ./templates/ lazy ^\\.\\.ba.*$ chunkName: chunk-
bar-baz namespace object ./bar.js
chunk (runtime: main) 930.output.js (chunk-foo) 38 bytes [rendered]
> ./templates/foo ./example.js 1:0-62
> ./example.js 5:0-8:16
./templates/foo.js 38 bytes [built] [code generated]
  [exports: default]
  import() ./templates/foo ./example.js 1:0-62
  cjs require ./templates/foo ./example.js 6:11-37
webpack 5.51.1 compiled successfully
```