

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(f
  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_req
/***/ ((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 */

/*****
/*****// The module cache
/*****// var __webpack_module_cache__ = {};
/*****
/*****// The require function
/*****// function __webpack_require__(moduleId) {
/*****//   // Check if module is in cache

```

```

/*****/      var cachedModule = __webpack_module_cache__[moduleId];
/*****/      if (cachedModule !== undefined) {
/*****/          return cachedModule.exports;
/*****/      }
/*****/      // Create a new module (and put it into the cache)
/*****/      var module = __webpack_module_cache__[moduleId] = {
/*****/          // no module.id needed
/*****/          // no module.loaded needed
/*****/          exports: {}
/*****/      };
/*****/
/*****/      // Execute the module function
/*****/      __webpack_modules__[moduleId](module, module.exports, __webpack_require__);
/*****/
/*****/      // Return the exports of the module
/*****/      return module.exports;
/*****/  }
/*****/
/*****/      // expose the modules object (__webpack_modules__)
/*****/      __webpack_require__.m = __webpack_modules__;
/*****/
/*****/      /**
/*****/      * webpack/runtime/define property getters */
/*****/      (() => {
/*****/          // define getter functions for harmony exports
/*****/          __webpack_require__.d = (exports, definition) => {
/*****/              for(var key in definition) {
/*****/                  if(__webpack_require__.o(definition, key) && !__webpack_require__.o
/*****/                      Object.defineProperty(exports, key, { enumerable: true, get: de
/*****/              }
/*****/          }
/*****/      };
/*****/  })();
/*****/
/*****/      /**
/*****/      * webpack/runtime/ensure chunk */
/*****/      (() => {
/*****/          __webpack_require__.f = {};
/*****/          // This file contains only the entry chunk.
/*****/          // The chunk loading function for additional chunks
/*****/          __webpack_require__.e = (chunkId) => {
/*****/              return Promise.all(Object.keys(__webpack_require__.f).reduce((promises,
/*****/                  __webpack_require__.f[key](chunkId, promises);
/*****/              return promises;
/*****/          }, []));
/*****/      };
/*****/  })();

```

```

/*****/
/*****/ /* webpack/runtime/get javascript chunk filename */
/*****/ (() => {
/*****/ // This function allow to reference async chunks
/*****/ __webpack_require__.u = (chunkId) => {
/*****/ // return url for filenames based on template
/*****/ return "" + chunkId + ".output.js";
/*****/ };
/*****/ })();
/*****/
/*****/ /* webpack/runtime/hasOwnProperty shorthand */
/*****/ (() => {
/*****/ __webpack_require__.o = (obj, prop) => (Object.prototype.hasOwnProperty.call
/*****/ })(obj, prop);
/*****/
/*****/ /* webpack/runtime/load script */
/*****/ (() => {
/*****/ var inProgress = {};
/*****/ // data-webpack is not used as build has no uniqueName
/*****/ // loadScript function to load a script via script tag
/*****/ __webpack_require__.l = (url, done, key, chunkId) => {
/*****/ if(inProgress[url]) { inProgress[url].push(done); return; }
/*****/ var script, needAttach;
/*****/ if(key !== undefined) {
/*****/     var scripts = document.getElementsByTagName("script");
/*****/     for(var i = 0; i < scripts.length; i++) {
/*****/         var s = scripts[i];
/*****/         if(s.getAttribute("src") == url) { script = s; break; }
/*****/     }
/*****/ }
/*****/ if(!script) {
/*****/     needAttach = true;
/*****/     script = document.createElement('script');
/*****/
/*****/     script.charset = 'utf-8';
/*****/     script.timeout = 120;
/*****/     if (__webpack_require__.nc) {
/*****/         script.setAttribute("nonce", __webpack_require__.nc);
/*****/     }
/*****/
/*****/     script.src = url;
/*****/ }
/*****/ inProgress[url] = [done];
/*****/ var onScriptComplete = (prev, event) => {
/*****/     // avoid mem leaks in IE.
/*****/     script.onerror = script.onload = null;

```



```

}).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

```