This example combines Code Splitting and Loaders. Make sure you have read the documentation of the examples that show the feature alone.

The bundle loader is used to create a wrapper module for `file.js` that loads this module on demand. The wrapper module returns a function that can be called to asynchronously receive the inner module.

example.js

```
require("bundle-loader!./file.js")(function(fileJsExports) {
    console.log(fileJsExports);
});
```

file.js

```
module.exports = "It works";
```

dist/output.js

```
/******/ (() => { // webpackBootstrap
/******/ 	var __webpack_modules__ = ([
/* 0 */,
/* 1 */
/*!*************************************************************!*\
  !*** ../../node_modules/bundle-loader/index.js!./file.js ***!
  \*************************************************************/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: module, __webpack_require__, __webpack_require__.e,
__webpack_require__.* */
/*! CommonJS bailout: module.exports is used directly at 3:0-14 */
/***/ ((module, __unused_webpack_exports, __webpack_require__) => {

var cbs = [],
    data;
module.exports = function(cb) {
    if(cbs) cbs.push(cb);
    else cb(data);
}
__webpack_require__.e(/*! require.ensure */ 929).then((function(require) {
    data = __webpack_require__(/*! !!./file.js */ 2);
    var callbacks = cbs;
    cbs = null;
    for(var i = 0, l = callbacks.length; i < l; i++) {
        callbacks[i](data);
    }
}).bind(null, __webpack_require__)).catch(__webpack_require__.oe);
```

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

▶ /* 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__(/*! bundle-loader!./file.js */ 1)(function(fileJsExports) {
    console.log(fileJsExports);
});

})();

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

dist/929.output.js

```
(self["webpackChunk"] = self["webpackChunk"] || []).push([[929],{

/***/ 2:
/*!******************!*\
  !*** ./file.js ***!
  \******************/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: module */
/*! CommonJS bailout: module.exports is used directly at 1:0-14 */
/***/ ((module) => {

module.exports = "It works";

/***/ })

}]);
```

Info

Unoptimized

```
asset output.js 9.7 KiB [emitted] (name: main)
asset 929.output.js 354 bytes [emitted]
chunk (runtime: main) output.js (main) 375 bytes (javascript) 4.98 KiB (runtime)
[entry] [rendered]
  > ./example.js main
  runtime modules 4.98 KiB 6 modules
  dependent modules 281 bytes [dependent] 1 module
  ./example.js 94 bytes [built] [code generated]
    [used exports unknown]
    entry ./example.js main
chunk (runtime: main) 929.output.js 28 bytes [rendered]
  > ../../node_modules/bundle-loader/index.js!./file.js 7:0-14:2
  ./file.js 28 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./file.js 1:0-14
    cjs require !!./file.js ../../node_modules/bundle-loader/index.js!./file.js 8:8-30
webpack 5.51.1 compiled successfully
```

Production mode

```
asset output.js 1.85 KiB [emitted] [minimized] (name: main)
asset 929.output.js 88 bytes [emitted] [minimized]
chunk (runtime: main) output.js (main) 375 bytes (javascript) 4.98 KiB (runtime)
[entry] [rendered]
  > ./example.js main
  runtime modules 4.98 KiB 6 modules
  dependent modules 281 bytes [dependent] 1 module
  ./example.js 94 bytes [built] [code generated]
    [no exports used]
    entry ./example.js main
chunk (runtime: main) 929.output.js 28 bytes [rendered]
  > ../../node_modules/bundle-loader/index.js!./file.js 7:0-14:2
  ./file.js 28 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./file.js 1:0-14
    cjs require !!./file.js ../../node_modules/bundle-loader/index.js!./file.js 8:8-30
webpack 5.51.1 compiled successfully
```