example.js

```js
// harmony module

// import from CommonJS module
import fs from "./fs";
import { readFile } from "./fs";
import * as fs2 from "./fs";
fs.readFile("file");
readFile("file");
fs2.readFile("file");

// import from harmony module
import { readFile as readFile2 } from "./reexport-commonjs";
readFile2("file");

// import a CommonJs module for side effects
import "./example2";
```

fs.js

```js
// an example CommonJs module
// content is omitted for brevity
exports.readFile = function() {};
// using module.exports would be equivalent,
// webpack doesn't care which syntax is used

// AMD modules are also possible and equivalent to CommonJs modules
```

reexport-commonjs.js

```js
// reexport a CommonJs module
export * from "./fs";
// Note that the default export doesn't reexport via export *
// (this is not interop-specific, it applies for every export *)

// Note: reexporting a CommonJs module is a special case,
// because in this module we have no information about exports
```

example2.js

```js
// CommonJs module
```

```
// require a harmony module
var module = require("./harmony");

var defaultExport = module.default;
var namedExport = module.named;
```

harmony.js

```
// just some exports
export default "default";
export var named = "named";
```

dist/output.js

```
/******/ (() => { // webpackBootstrap
/******/        var __webpack_modules__ = ([
/* 0 */,
/* 1 */
/*!****************!*\
  !*** ./fs.js ***!
  \****************/
/*! default exports */
/*! export readFile [provided] [no usage info] [missing usage info prevents
renaming] */
/*! other exports [not provided] [no usage info] */
/*! runtime requirements: __webpack_exports__ */
/***/ ((__unused_webpack_module, exports) => {

// an example CommonJs module
// content is omitted for brevity
exports.readFile = function() {};
// using module.exports would be equivalent,
// webpack doesn't care which syntax is used

// AMD modules are also possible and equivalent to CommonJs modules


/***/ }),
/* 2 */
/*!*******************************!*\
  !*** ./reexport-commonjs.js ***!
  \*******************************/
/*! namespace exports */
/*! export readFile [provided] [no usage info] [missing usage info prevents
renaming] -> ./fs.js .readFile */
/*! other exports [not provided] [no usage info] */
/*! runtime requirements: __webpack_require__, __webpack_exports__,
```

```
     __webpack_require__.d, __webpack_require__.r, __webpack_require__.* */
/***/ ((__unused_webpack_module, __webpack_exports__, __webpack_require__) => {

"use strict";
__webpack_require__.r(__webpack_exports__);
/* harmony export */ __webpack_require__.d(__webpack_exports__, {
/* harmony export */   "readFile": () => (/* reexport safe */
_fs__WEBPACK_IMPORTED_MODULE_0__.readFile)
/* harmony export */ });
/* harmony import */ var _fs__WEBPACK_IMPORTED_MODULE_0__ = __webpack_require__(/*!
./fs */ 1);
// reexport a CommonJs module

// Note that the default export doesn't reexport via export *
// (this is not interop-specific, it applies for every export *)

// Note: reexporting a CommonJs module is a special case,
// because in this module we have no information about exports


/***/ }),
/* 3 */
/*!*********************!*\
  !*** ./example2.js ***!
  \*********************/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: __webpack_require__ */
/***/ ((__unused_webpack_module, __unused_webpack_exports, __webpack_require__) => {

// CommonJs module

// require a harmony module
var module = __webpack_require__(/*! ./harmony */ 4);

var defaultExport = module.default;
var namedExport = module.named;


/***/ }),
/* 4 */
/*!*******************!*\
  !*** ./harmony.js ***!
  \*******************/
/*! namespace exports */
/*! export default [provided] [no usage info] [missing usage info prevents renaming]
*/
/*! export named [provided] [no usage info] [missing usage info prevents renaming]
*/
/*! other exports [not provided] [no usage info] */
/*! runtime requirements: __webpack_exports__, __webpack_require__.r,
__webpack_require__.d, __webpack_require__.* */
/***/ ((__unused_webpack_module, __webpack_exports__, __webpack_require__) => {
```

```
"use strict";
__webpack_require__.r(__webpack_exports__);
/* harmony export */ __webpack_require__.d(__webpack_exports__, {
/* harmony export */   "default": () => (__WEBPACK_DEFAULT_EXPORT__),
/* harmony export */   "named": () => (/* binding */ named)
/* harmony export */ });
// just some exports
/* harmony default export */ const __WEBPACK_DEFAULT_EXPORT__ = ("default");
var named = "named";



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

▶ /* webpack runtime code */

```
var __webpack_exports__ = {};
// This entry need to be wrapped in an IIFE because it need to be in strict mode.
(() => {
"use strict";
/*!*********************!*\
  !*** ./example.js ***!
  \*********************/
/*! namespace exports */
/*! exports [not provided] [no usage info] */
/*! runtime requirements: __webpack_require__, __webpack_require__.n,
__webpack_require__.r, __webpack_exports__, __webpack_require__.* */
__webpack_require__.r(__webpack_exports__);
/* harmony import */ var _fs__WEBPACK_IMPORTED_MODULE_0__ = __webpack_require__(/*!
./fs */ 1);
/* harmony import */ var _reexport_commonjs__WEBPACK_IMPORTED_MODULE_1__ =
__webpack_require__(/*! ./reexport-commonjs */ 2);
/* harmony import */ var _example2__WEBPACK_IMPORTED_MODULE_2__ =
__webpack_require__(/*! ./example2 */ 3);
/* harmony import */ var _example2__WEBPACK_IMPORTED_MODULE_2___default =
/*#__PURE__*/__webpack_require__.n(_example2__WEBPACK_IMPORTED_MODULE_2__);
// harmony module

// import from CommonJS module



_fs__WEBPACK_IMPORTED_MODULE_0__.readFile("file");
(0,_fs__WEBPACK_IMPORTED_MODULE_0__.readFile)("file");
_fs__WEBPACK_IMPORTED_MODULE_0__.readFile("file");


// import from harmony module

(0,_reexport_commonjs__WEBPACK_IMPORTED_MODULE_1__.readFile)("file");
```

```
// import a CommonJs module for side effects



})();


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

Info

Unoptimized

```
asset output.js 7.12 KiB [emitted] (name: main)
chunk (runtime: main) output.js (main) 1.13 KiB (javascript) 937 bytes (runtime)
[entry] [rendered]
  > ./example.js main
  dependent modules 785 bytes [dependent] 4 modules
  runtime modules 937 bytes 4 modules
  ./example.js 374 bytes [built] [code generated]
    [no exports]
    [used exports unknown]
    entry ./example.js main
webpack 5.51.1 compiled successfully
```

Production mode

```
asset output.js 773 bytes [emitted] [minimized] (name: main)
chunk (runtime: main) output.js (main) 1.13 KiB (javascript) 670 bytes (runtime)
[entry] [rendered]
  > ./example.js main
  dependent modules 484 bytes [dependent] 3 modules
  runtime modules 670 bytes 3 modules
  ./example.js + 1 modules 675 bytes [built] [code generated]
    [no exports]
    [no exports used]
    entry ./example.js main
webpack 5.51.1 compiled successfully
```