example.js

```js
require(["./a", "./b", "./c"], function(a, b, c) {});

require.ensure(["./a"], function(require) {
    require("./b");
    require("./d");
});

require.ensure(["./a", "./e"], function(require) {
    require("./a");
    require.ensure(["./b"], function(require) {
        require("./f");
    });
    require.ensure(["./b"], function(require) {
        require("./g");
    });
});
```

webpack.config.js

```js
module.exports = {
    // mode: "development || "production",
    optimization: {
        splitChunks: {
            minSize: 0 // This example is too small
        },
        chunkIds: "deterministic" // To keep filename consistent between different modes (fo
    }
};
```

dist/output.js

```js
/******/ (() => { // webpackBootstrap
/******/     var __webpack_modules__ = ({});
```
/* webpack runtime code */
```js
/************************************************************************/
/******/     // 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];
```

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/******/            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/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.cal
```

```
/******/     })();
/******/
/******/     /* 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;
/******/                 clearTimeout(timeout);
/******/                 var doneFns = inProgress[url];
/******/                 delete inProgress[url];
/******/                 script.parentNode && script.parentNode.removeChild(script);
/******/                 doneFns && doneFns.forEach((fn) => (fn(event)));
/******/                 if(prev) return prev(event);
/******/             }
/******/             ;
/******/             var timeout = setTimeout(onScriptComplete.bind(null, undefined, { type:
/******/             script.onerror = onScriptComplete.bind(null, script.onerror);
/******/             script.onload = onScriptComplete.bind(null, script.onload);
/******/             needAttach && document.head.appendChild(script);
/******/         };
```

```
/******/        })();
/******/
/******/        /* webpack/runtime/publicPath */
/******/        (() => {
/******/            __webpack_require__.p = "dist/";
/******/        })();
/******/
/******/        /* webpack/runtime/jsonp chunk loading */
/******/        (() => {
/******/            // no baseURI
/******/
/******/            // object to store loaded and loading chunks
/******/            // undefined = chunk not loaded, null = chunk preloaded/prefetched
/******/            // [resolve, reject, Promise] = chunk loading, 0 = chunk loaded
/******/            var installedChunks = {
/******/                179: 0
/******/            };
/******/
/******/            __webpack_require__.f.j = (chunkId, promises) => {
/******/                    // JSONP chunk loading for javascript
/******/                    var installedChunkData = __webpack_require__.o(installedChunks, chu
/******/                    if(installedChunkData !== 0) { // 0 means "already installed".
/******/
/******/                        // a Promise means "currently loading".
/******/                        if(installedChunkData) {
/******/                            promises.push(installedChunkData[2]);
/******/                        } else {
/******/                            if(true) { // all chunks have JS
/******/                                // setup Promise in chunk cache
/******/                                var promise = new Promise((resolve, reject) => (install
/******/                                promises.push(installedChunkData[2] = promise);
/******/
/******/                                // start chunk loading
/******/                                var url = __webpack_require__.p + __webpack_require__.u
/******/                                // create error before stack unwound to get useful stac
/******/                                var error = new Error();
/******/                                var loadingEnded = (event) => {
/******/                                    if(__webpack_require__.o(installedChunks, chunkId))
/******/                                        installedChunkData = installedChunks[chunkId];
/******/                                        if(installedChunkData !== 0) installedChunks[ch
/******/                                        if(installedChunkData) {
/******/                                            var errorType = event && (event.type === 'l
/******/                                            var realSrc = event && event.target && even
/******/                                            error.message = 'Loading chunk ' + chunkId
/******/                                            error.name = 'ChunkLoadError';
/******/                                            error.type = errorType;
```

```
/******/                                        error.request = realSrc;
/******/                                        installedChunkData[1](error);
/******/                                    }
/******/                                }
/******/                            };
/******/                            __webpack_require__.l(url, loadingEnded, "chunk-" + chu
/******/                        } else installedChunks[chunkId] = 0;
/******/                    }
/******/                }
/******/            };
/******/
/******/            // no prefetching
/******/
/******/            // no preloaded
/******/
/******/            // no HMR
/******/
/******/            // no HMR manifest
/******/
/******/            // no on chunks loaded
/******/
/******/            // install a JSONP callback for chunk loading
/******/            var webpackJsonpCallback = (parentChunkLoadingFunction, data) => {
/******/                var [chunkIds, moreModules, runtime] = data;
/******/                // add "moreModules" to the modules object,
/******/                // then flag all "chunkIds" as loaded and fire callback
/******/                var moduleId, chunkId, i = 0;
/******/                if(chunkIds.some((id) => (installedChunks[id] !== 0))) {
/******/                    for(moduleId in moreModules) {
/******/                        if(__webpack_require__.o(moreModules, moduleId)) {
/******/                            __webpack_require__.m[moduleId] = moreModules[moduleId];
/******/                        }
/******/                    }
/******/                    if(runtime) var result = runtime(__webpack_require__);
/******/                }
/******/                if(parentChunkLoadingFunction) parentChunkLoadingFunction(data);
/******/                for(;i < chunkIds.length; i++) {
/******/                    chunkId = chunkIds[i];
/******/                    if(__webpack_require__.o(installedChunks, chunkId) && installedChun
/******/                        installedChunks[chunkId][0]();
/******/                    }
/******/                    installedChunks[chunkIds[i]] = 0;
/******/                }
/******/
/******/            }
/******/
```

```
/******/            var chunkLoadingGlobal = self["webpackChunk"] = self["webpackChunk"] || [];
/******/            chunkLoadingGlobal.forEach(webpackJsonpCallback.bind(null, 0));
/******/            chunkLoadingGlobal.push = webpackJsonpCallback.bind(null, chunkLoadingGloba
/******/    })();
/******/
/************************************************************************/
var __webpack_exports__ = {};
/*!********************!*\
  !*** ./example.js ***!
  \********************/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: __webpack_require__, __webpack_require__.e, __webpack_require__.oe
Promise.all(/*! AMD require */[__webpack_require__.e(996), __webpack_require__.e(847), __wet

Promise.all(/*! require.ensure */[__webpack_require__.e(996), __webpack_require__.e(847), _
    __webpack_require__(/*! ./b */ 2);
    __webpack_require__(/*! ./d */ 4);
}).bind(null, __webpack_require__)).catch(__webpack_require__.oe);

Promise.all(/*! require.ensure */[__webpack_require__.e(847), __webpack_require__.e(390)]).
    __webpack_require__(/*! ./a */ 1);
    Promise.all(/*! require.ensure */[__webpack_require__.e(996), __webpack_require__.e(568
        __webpack_require__(/*! ./f */ 6);
    }).bind(null, __webpack_require__)).catch(__webpack_require__.oe);
    Promise.all(/*! require.ensure */[__webpack_require__.e(996), __webpack_require__.e(785
        __webpack_require__(/*! ./g */ 7);
    }).bind(null, __webpack_require__)).catch(__webpack_require__.oe);
}).bind(null, __webpack_require__)).catch(__webpack_require__.oe);

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

Info

Unoptimized

```
asset output.js 9.94 KiB [emitted] (name: main)
asset 847.output.js 344 bytes [emitted]
asset 390.output.js 338 bytes [emitted]
asset 460.output.js 338 bytes [emitted]
asset 568.output.js 338 bytes [emitted]
asset 767.output.js 338 bytes [emitted]
asset 785.output.js 338 bytes [emitted]
asset 996.output.js 338 bytes [emitted]
chunk (runtime: main) output.js (main) 346 bytes (javascript) 4.98 KiB (runtime) [entry] [re
```

```
  > ./example.js main
  runtime modules 4.98 KiB 6 modules
  ./example.js 346 bytes [built] [code generated]
    [used exports unknown]
    entry ./example.js main
chunk (runtime: main) 390.output.js 21 bytes [rendered]
  > ./example.js 8:0-16:2
  ./e.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./e.js 1:0-14
    require.ensure item ./e ./example.js 8:0-16:2
chunk (runtime: main) 460.output.js 21 bytes [rendered]
  > ./a ./b ./c ./example.js 1:0-52
  ./c.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./c.js 1:0-14
    amd require ./c ./example.js 1:0-52
chunk (runtime: main) 568.output.js 21 bytes [rendered]
  > ./example.js 10:1-12:3
  ./f.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs require ./f ./example.js 11:2-16
    cjs self exports reference ./f.js 1:0-14
chunk (runtime: main) 767.output.js 21 bytes [rendered]
  > ./example.js 3:0-6:2
  ./d.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./d.js 1:0-14
    cjs require ./d ./example.js 5:1-15
chunk (runtime: main) 785.output.js 21 bytes [rendered]
  > ./example.js 13:1-15:3
  ./g.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs require ./g ./example.js 14:2-16
    cjs self exports reference ./g.js 1:0-14
chunk (runtime: main) 847.output.js 21 bytes [rendered] split chunk (cache group: default)
  > ./a ./b ./c ./example.js 1:0-52
  > ./example.js 3:0-6:2
  > ./example.js 8:0-16:2
  ./a.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./a.js 1:0-14
    amd require ./a ./example.js 1:0-52
    require.ensure item ./a ./example.js 3:0-6:2
    require.ensure item ./a ./example.js 8:0-16:2
    cjs require ./a ./example.js 9:1-15
```

```
chunk (runtime: main) 996.output.js 21 bytes [rendered] split chunk (cache group: default)
  > ./example.js 10:1-12:3
  > ./example.js 13:1-15:3
  > ./a ./b ./c ./example.js 1:0-52
  > ./example.js 3:0-6:2
  ./b.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./b.js 1:0-14
    amd require ./b ./example.js 1:0-52
    cjs require ./b ./example.js 4:1-15
    require.ensure item ./b ./example.js 10:1-12:3
    require.ensure item ./b ./example.js 13:1-15:3
webpack 5.51.1 compiled successfully
```

Production mode

```
asset output.js 2.12 KiB [emitted] [minimized] (name: main)
asset 390.output.js 81 bytes [emitted] [minimized]
asset 460.output.js 81 bytes [emitted] [minimized]
asset 568.output.js 81 bytes [emitted] [minimized]
asset 767.output.js 81 bytes [emitted] [minimized]
asset 785.output.js 81 bytes [emitted] [minimized]
asset 847.output.js 81 bytes [emitted] [minimized]
asset 996.output.js 81 bytes [emitted] [minimized]
chunk (runtime: main) output.js (main) 346 bytes (javascript) 4.98 KiB (runtime) [entry] [re
  > ./example.js main
  runtime modules 4.98 KiB 6 modules
  ./example.js 346 bytes [built] [code generated]
    [no exports used]
    entry ./example.js main
chunk (runtime: main) 390.output.js 21 bytes [rendered]
  > ./example.js 8:0-16:2
  ./e.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./e.js 1:0-14
    require.ensure item ./e ./example.js 8:0-16:2
chunk (runtime: main) 460.output.js 21 bytes [rendered]
  > ./a ./b ./c ./example.js 1:0-52
  ./c.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./c.js 1:0-14
    amd require ./c ./example.js 1:0-52
chunk (runtime: main) 568.output.js 21 bytes [rendered]
  > ./example.js 10:1-12:3
  ./f.js 21 bytes [built] [code generated]
    [used exports unknown]
```

```
            cjs require ./f ./example.js 11:2-16
            cjs self exports reference ./f.js 1:0-14
chunk (runtime: main) 767.output.js 21 bytes [rendered]
  > ./example.js 3:0-6:2
  ./d.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./d.js 1:0-14
    cjs require ./d ./example.js 5:1-15
chunk (runtime: main) 785.output.js 21 bytes [rendered]
  > ./example.js 13:1-15:3
  ./g.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs require ./g ./example.js 14:2-16
    cjs self exports reference ./g.js 1:0-14
chunk (runtime: main) 847.output.js 21 bytes [rendered] split chunk (cache group: default)
  > ./a ./b ./c ./example.js 1:0-52
  > ./example.js 3:0-6:2
  > ./example.js 8:0-16:2
  ./a.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./a.js 1:0-14
    amd require ./a ./example.js 1:0-52
    require.ensure item ./a ./example.js 3:0-6:2
    require.ensure item ./a ./example.js 8:0-16:2
    cjs require ./a ./example.js 9:1-15
chunk (runtime: main) 996.output.js 21 bytes [rendered] split chunk (cache group: default)
  > ./example.js 10:1-12:3
  > ./example.js 13:1-15:3
  > ./a ./b ./c ./example.js 1:0-52
  > ./example.js 3:0-6:2
  ./b.js 21 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./b.js 1:0-14
    amd require ./b ./example.js 1:0-52
    cjs require ./b ./example.js 4:1-15
    require.ensure item ./b ./example.js 10:1-12:3
    require.ensure item ./b ./example.js 13:1-15:3
webpack 5.51.1 compiled successfully
```