

## webpack.config.js

```
var path = require("path");
var webpack = require("../..");
module.exports = [
  {
    name: "vendor",
    // mode: "development" || "production",
    entry: ["/vendor", "/vendor2"],
    output: {
      path: path.resolve(__dirname, "dist"),
      filename: "vendor.js",
      library: "vendor_[fullhash]"
    },
    plugins: [
      new webpack.DllPlugin({
        name: "vendor_[fullhash]",
        path: path.resolve(__dirname, "dist/manifest.json")
      })
    ]
  },
  {
    name: "app",
    // mode: "development" || "production",
    dependencies: ["vendor"],
    entry: {
      pageA: "/pageA",
      pageB: "/pageB",
      pageC: "/pageC"
    },
    output: {
      path: path.join(__dirname, "dist"),
      filename: "[name].js"
    },
    plugins: [
      new webpack.DllReferencePlugin({
        manifest: path.resolve(__dirname, "dist/manifest.json")
      })
    ]
  }
];
```

## dist/vendor.js

```
var vendor_5993716ff0c3ad2aef3c;
/******/ (() => { // webpackBootstrap
/******/   var __webpack_modules__ = ([
/* 0 */
/*!*****!\
    *** dll main ***!
    \*****/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: __webpack_require__, module */
/***/ ((module, __unused_webpack_exports, __webpack_require__) => {

module.exports = __webpack_require__;

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

module.exports = "Vendor";

/***/ }),
/* 2 */
/*!*****!\
    *** ./vendor2.js ***!
    \*****/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: module */
/*! CommonJS bailout: module.exports is used directly at 1:0-14 */
/***/ ((module) => {

module.exports = "Vendor2";

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

/* 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;
/*****/ }
/*****/
/*****/
/*****/
/*****/
/*****/ // startup
/*****/ // Load entry module and return exports
/*****/ // This entry module doesn't tell about it's top-level declarations so it can't
/*****/ var __webpack_exports__ = __webpack_require__(0);
/*****/ vendor_5993716ff0c3ad2aef3c = __webpack_exports__;
/*****/
/*****/ })()
;

```

## dist/pageA.js

```

/*****/ (() => { // webpackBootstrap
/*****/ var __webpack_modules__ = ([
/*****/ /* 0 */
/*****/ /*!*****!*\
/*****/ !*** ./pageA.js ***!
/*****/ \***** */
/*****/ /*! unknown exports (runtime-defined) */
/*****/ /*! runtime requirements: module, __webpack_require__ */
/*****/ /*! CommonJS bailout: module.exports is used directly at 2:0-14 */

```

```

/***/ ((module, __unused_webpack_exports, __webpack_require__) => {

console.log(__webpack_require__(/*! ./vendor */ 1));
module.exports = "pageA";

/***/ }),
/* 1 */
/*!*****!*\
  *** delegated ./vendor.js from dll-reference vendor_5993716ff0c3ad2aef3c ***!
  \******/
  /*! unknown exports (runtime-defined) */
  /*! runtime requirements: module, __webpack_require__ */
/***/ ((module, __unused_webpack_exports, __webpack_require__) => {

module.exports = (__webpack_require__(/*! dll-reference vendor_5993716ff0c3ad2aef3c */ 2))(

/***/ }),
/* 2 */
/*!*****!*\
  *** external "vendor_5993716ff0c3ad2aef3c" ***!
  \******/
  /*! dynamic exports */
  /*! exports [maybe provided (runtime-defined)] [no usage info] */
  /*! runtime requirements: module */
/***/ ((module) => {

"use strict";
module.exports = vendor_5993716ff0c3ad2aef3c;

/***/ })
/******/
/* 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;
/*****/      }
/*****/
/*****/
/*****/
/*****/          // startup
/*****/          // Load entry module and return exports
/*****/          // This entry module is referenced by other modules so it can't be inlined
/*****/          var __webpack_exports__ = __webpack_require__(0);
/*****/
/*****/      })()
;

```

## Info

### Unoptimized

vendor:

```

asset vendor.js 2.28 KiB [emitted] (name: main)
chunk (runtime: main) vendor.js (main) 65 bytes [entry] [rendered]
  > main
    dependent modules 53 bytes [dependent] 2 modules
    dll main 12 bytes [built] [code generated]
      [used exports unknown]
    dll entry
      used as library export
  vendor (webpack 5.51.1) compiled successfully

```

app:

```

asset pageB.js 2.63 KiB [emitted] (name: pageB)
asset pageA.js 2.61 KiB [emitted] (name: pageA)
asset pageC.js 1.61 KiB [emitted] (name: pageC)
chunk (runtime: pageA) pageA.js (pageA) 143 bytes [entry] [rendered]
  > ./pageA pageA
    dependent modules 84 bytes [dependent] 2 modules
    ./pageA.js 59 bytes [built] [code generated]

```

```

    [used exports unknown]
    cjs self exports reference ./pageA.js 2:0-14
    entry ./pageA pageA
  chunk (runtime: pageB) pageB.js (pageB) 144 bytes [entry] [rendered]
    > ./pageB pageB
    dependent modules 84 bytes [dependent] 2 modules
    ./pageB.js 60 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./pageB.js 2:0-14
    entry ./pageB pageB
  chunk (runtime: pageC) pageC.js (pageC) 25 bytes [entry] [rendered]
    > ./pageC pageC
    ./pageC.js 25 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./pageC.js 1:0-14
    entry ./pageC pageC
  app (webpack 5.51.1) compiled successfully

```

## Production mode

vendor:

```

  asset vendor.js 294 bytes [emitted] [minimized] (name: main)
  chunk (runtime: main) vendor.js (main) 65 bytes [entry] [rendered]
    > main
    dependent modules 53 bytes [dependent] 2 modules
    dll main 12 bytes [built] [code generated]
    dll entry
    used as library export
  vendor (webpack 5.51.1) compiled successfully

```

app:

```

  asset pageA.js 297 bytes [emitted] [minimized] (name: pageA)
  asset pageB.js 297 bytes [emitted] [minimized] (name: pageB)
  asset pageC.js 174 bytes [emitted] [minimized] (name: pageC)
  chunk (runtime: pageB) pageB.js (pageB) 144 bytes [entry] [rendered]
    > ./pageB pageB
    dependent modules 84 bytes [dependent] 2 modules
    ./pageB.js 60 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./pageB.js 2:0-14
    entry ./pageB pageB
  chunk (runtime: pageC) pageC.js (pageC) 25 bytes [entry] [rendered]
    > ./pageC pageC
    ./pageC.js 25 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./pageC.js 1:0-14

```

```
    entry ./pageC pageC
chunk (runtime: pageA) pageA.js (pageA) 143 bytes [entry] [rendered]
> ./pageA pageA
  dependent modules 84 bytes [dependent] 2 modules
  ./pageA.js 59 bytes [built] [code generated]
    [used exports unknown]
    cjs self exports reference ./pageA.js 2:0-14
    entry ./pageA pageA
app (webpack 5.51.1) compiled successfully
```