

This example shows how to use Code Splitting with entrypoint `dependOn`

webpack.config.js

```
module.exports = {
  entry: {
    app: { import: './app.js', dependOn: ["react-vendors"] },
    "react-vendors": ["react", "react-dom", "prop-types"]
  },
  optimization: {
    chunkIds: "named" // To keep filename consistent between different modes (for example)
  },
  stats: {
    chunks: true,
    chunkRelations: true
  }
};
```

app.js

```
import react from "react";
import ReactDOM from "react-dom";
import propTypes from "prop-types";

console.log(react, ReactDOM, propTypes);
```

dist/app.js

```
"use strict";
(self["webpackChunk"] = self["webpackChunk"] || []).push([["app"],{

/***/ 3:
/*!*****!\
  *** ./app.js ***
  \*****/
  /*! namespace exports */
  /*! exports [not provided] [no usage info] */
  /*! runtime requirements: __webpack_require__, __webpack_require__.n, __webpack_require__.r
  */ ((__unused_webpack_module, __webpack_exports__, __webpack_require__) => {

    __webpack_require__.r(__webpack_exports__);
    /* harmony import */ var react__WEBPACK_IMPORTED_MODULE_0__ = __webpack_require__(/*! react
    /* harmony import */ var react__WEBPACK_IMPORTED_MODULE_0___default = /*#__PURE__*/__webpac
    /* harmony import */ var react_dom__WEBPACK_IMPORTED_MODULE_1__ = __webpack_require__(/*! r
```

```

/* harmony import */ var react_dom__WEBPACK_IMPORTED_MODULE_1___default = /*#__PURE__*/__we
/* harmony import */ var prop_types__WEBPACK_IMPORTED_MODULE_2__ = __webpack_require__(/*!
/* harmony import */ var prop_types__WEBPACK_IMPORTED_MODULE_2___default = /*#__PURE__*/__w

```

```

console.log((react__WEBPACK_IMPORTED_MODULE_0___default()), (react_dom__WEBPACK_IMPORTED_MODULE_1___default()));

```

```

/***/ })

```

```

},
/******/ __webpack_require__ => { // webpackRuntimeModules
/******/ var __webpack_exec__ = (moduleId) => (__webpack_require__(__webpack_require__.s = moduleId));
/******/ var __webpack_exports__ = (__webpack_exec__(3));
/******/ }
]);

```

dist/react-vendors.js

```

/******/ (() => { // webpackBootstrap
/******/   var __webpack_modules__ = ([
/* 0 */
/*!*****!*\
  !*** ./node_modules/react.js ***!
  \***** */
/*! unknown exports (runtime-defined) */
/*! runtime requirements: module */
/*! CommonJS bailout: module.exports is used directly at 1:0-14 */
/***/ ((module) => {

```

```

module.exports = 'react';

```

```

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

```

```
module.exports = 'react-dom';
```

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

```
module.exports = 'prop-types';
```

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

```
/* 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/chunk loaded */
/*****/
/*****/ (() => {
/*****/     var deferred = [];
/*****/     __webpack_require___.0 = (result, chunkIds, fn, priority) => {
/*****/         if(chunkIds) {
/*****/             priority = priority || 0;
/*****/             for(var i = deferred.length; i > 0 && deferred[i - 1][2] > priority
/*****/             deferred[i] = [chunkIds, fn, priority];
/*****/             return;
/*****/         }
/*****/         var notFulfilled = Infinity;
/*****/         for (var i = 0; i < deferred.length; i++) {
/*****/             var [chunkIds, fn, priority] = deferred[i];
/*****/             var fulfilled = true;
/*****/             for (var j = 0; j < chunkIds.length; j++) {
/*****/                 if ((priority & 1 === 0 || notFulfilled >= priority) && Object.
/*****/                     chunkIds.splice(j--, 1);
/*****/                 } else {
/*****/                     fulfilled = false;
/*****/                     if(priority < notFulfilled) notFulfilled = priority;
/*****/                 }
/*****/             }
/*****/             if(fulfilled) {
/*****/                 deferred.splice(i--, 1)
/*****/                 var r = fn();
/*****/                 if (r !== undefined) result = r;
/*****/             }
/*****/         }
/*****/         return result;
/*****/     };
/*****/ }());
/*****/
/*****/ /* webpack/runtime/compat get default export */
/*****/
/*****/ (() => {
/*****/     // getDefaultExport function for compatibility with non-harmony modules
/*****/     __webpack_require___.n = (module) => {
/*****/         var getter = module && module.__esModule ?
/*****/             () => (module['default']) :
/*****/             () => (module);
/*****/         __webpack_require___.d(getter, { a: getter });
/*****/         return getter;
/*****/     };
/*****/ }());

```

```

/*****/
/*****/ /* 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/hasOwnProperty shorthand */
/*****/ (() => {
/*****/     __webpack_require__.o = (obj, prop) => (Object.prototype.hasOwnProperty.call
/*****/ })();
/*****/
/*****/ /* webpack/runtime/make namespace object */
/*****/ (() => {
/*****/     // define __esModule on exports
/*****/     __webpack_require__.r = (exports) => {
/*****/         if(typeof Symbol !== 'undefined' && Symbol.toStringTag) {
/*****/             Object.defineProperty(exports, Symbol.toStringTag, { value: 'Module
/*****/         }
/*****/         Object.defineProperty(exports, '__esModule', { value: true });
/*****/     };
/*****/ })();
/*****/
/*****/ /* 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 = {
/*****/         "react-vendors": 0
/*****/     };
/*****/
/*****/     // no chunk on demand loading
/*****/
/*****/     // no prefetching
/*****/
/*****/     // no preloaded
/*****/

```

```

/*****/      // no HMR
/*****/
/*****/      // no HMR manifest
/*****/
/*****/      __webpack_require__.0.j = (chunkId) => (installedChunks[chunkId] === 0);
/*****/
/*****/      // 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) && installedChunks[chunkId][0]())
/*****/                  installedChunks[chunkId][0]();
/*****/              installedChunks[chunkIds[i]] = 0;
/*****/          }
/*****/          return __webpack_require__.0(result);
/*****/      }
/*****/
/*****/      var chunkLoadingGlobal = self["webpackChunk"] = self["webpackChunk"] || [];
/*****/      chunkLoadingGlobal.forEach(webpackJsonpCallback.bind(null, 0));
/*****/      chunkLoadingGlobal.push = webpackJsonpCallback.bind(null, chunkLoadingGlobal.push.bind());
/*****/      }());
/*****/
/*****/
/*****/      // startup
/*****/      // Load entry module and return exports
/*****/      // This entry module is referenced by other modules so it can't be inlined
/*****/      __webpack_require__(0);
/*****/      __webpack_require__(1);
/*****/      var __webpack_exports__ = __webpack_require__(2);
/*****/      __webpack_exports__ = __webpack_require__.0(__webpack_exports__);

```

```

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

```

Info

Unoptimized

```

asset react-vendors.js 7.62 KiB [emitted] (name: react-vendors)
asset app.js 1.63 KiB [emitted] (name: app)
chunk (runtime: react-vendors) app.js (app) 139 bytes <{react-vendors}> [initial] [rendered]
> ./app.js app
./app.js 139 bytes [built] [code generated]
[no exports]
[used exports unknown]
entry ./app.js app
chunk (runtime: react-vendors) react-vendors.js (react-vendors) 87 bytes (javascript) 3.3 KiB
> prop-types react-vendors
> react react-vendors
> react-dom react-vendors
runtime modules 3.3 KiB 6 modules
cacheable modules 87 bytes
./node_modules/prop-types.js 31 bytes [built] [code generated]
[used exports unknown]
from origin ./app.js
  harmony side effect evaluation prop-types ./app.js 3:0-35
  harmony import specifier prop-types ./app.js 5:29-38
cjs self exports reference ./node_modules/prop-types.js 1:0-14
entry prop-types react-vendors
./node_modules/react-dom.js 30 bytes [built] [code generated]
[used exports unknown]
from origin ./app.js
  harmony side effect evaluation react-dom ./app.js 2:0-33
  harmony import specifier react-dom ./app.js 5:19-27
cjs self exports reference ./node_modules/react-dom.js 1:0-14
entry react-dom react-vendors
./node_modules/react.js 26 bytes [built] [code generated]
[used exports unknown]
from origin ./app.js
  harmony side effect evaluation react ./app.js 1:0-26
  harmony import specifier react ./app.js 5:12-17
cjs self exports reference ./node_modules/react.js 1:0-14
entry react react-vendors
webpack 5.51.1 compiled successfully

```

Production mode

```
asset react-vendors.js 1.15 KiB [emitted] [minimized] (name: react-vendors)
asset app.js 185 bytes [emitted] [minimized] (name: app)
chunk (runtime: react-vendors) app.js (app) 139 bytes <{react-vendors}> [initial] [rendered]
> ./app.js app
./app.js 139 bytes [built] [code generated]
[no exports]
[no exports used]
entry ./app.js app
chunk (runtime: react-vendors) react-vendors.js (react-vendors) 87 bytes (javascript) 3.03 KiB
> prop-types react-vendors
> react react-vendors
> react-dom react-vendors
runtime modules 3.03 KiB 5 modules
cacheable modules 87 bytes
./node_modules/prop-types.js 31 bytes [built] [code generated]
[used exports unknown]
from origin ./app.js
  harmony side effect evaluation prop-types ./app.js 3:0-35
  harmony import specifier prop-types ./app.js 5:29-38
cjs self exports reference ./node_modules/prop-types.js 1:0-14
entry prop-types react-vendors
./node_modules/react-dom.js 30 bytes [built] [code generated]
[used exports unknown]
from origin ./app.js
  harmony side effect evaluation react-dom ./app.js 2:0-33
  harmony import specifier react-dom ./app.js 5:19-27
cjs self exports reference ./node_modules/react-dom.js 1:0-14
entry react-dom react-vendors
./node_modules/react.js 26 bytes [built] [code generated]
[used exports unknown]
from origin ./app.js
  harmony side effect evaluation react ./app.js 1:0-26
  harmony import specifier react ./app.js 5:12-17
cjs self exports reference ./node_modules/react.js 1:0-14
entry react react-vendors
webpack 5.51.1 compiled successfully
```