

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 building only)
  },
  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, __webpack_exports__, __webpack_require__.* */
/***/ ((__unused_webpack_module, __webpack_exports__, __webpack_require__) => {

  __webpack_require__.r(__webpack_exports__);
  /* harmony import */ var react__WEBPACK_IMPORTED_MODULE_0__ =
  __webpack_require__(/*! react */ 0);
```

```

/* harmony import */ var react__WEBPACK_IMPORTED_MODULE_0___default =
/*#__PURE__*/__webpack_require__.n(react__WEBPACK_IMPORTED_MODULE_0__);
/* harmony import */ var react_dom__WEBPACK_IMPORTED_MODULE_1___ =
__webpack_require__ /*! react-dom */ 1);
/* harmony import */ var react_dom__WEBPACK_IMPORTED_MODULE_1___default =
/*#__PURE__*/__webpack_require__.n(react_dom__WEBPACK_IMPORTED_MODULE_1__);
/* harmony import */ var prop_types__WEBPACK_IMPORTED_MODULE_2___ =
__webpack_require__ /*! prop-types */ 2);
/* harmony import */ var prop_types__WEBPACK_IMPORTED_MODULE_2___default =
/*#__PURE__*/__webpack_require__.n(prop_types__WEBPACK_IMPORTED_MODULE_2__);

console.log((react__WEBPACK_IMPORTED_MODULE_0___default()),
(react_dom__WEBPACK_IMPORTED_MODULE_1___default()),
(prop_types__WEBPACK_IMPORTED_MODULE_2___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 */
/*!*****!\
!*** ./node_modules/prop-types.js ***!
\*****/
/*! 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 */

```

/*****/
/*****/          // 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__.O(__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 (runtime) >{app}< [entry] [rendered]
  > 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 (runtime) >{app}< [entry] [rendered]
  > 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
```