

This example demonstrates various types of source-maps.

example.coffee

```
# Taken from http://coffeescript.org/

# Objects:
math =
  root:    Math.sqrt
  square:  square
  cube:    (x) -> x * square x

# Splats:
race = (winner, runners...) ->
  print winner, runners
```

webpack.config.js

```
var path = require("path");

module.exports = [
  "eval",
  "eval-cheap-source-map",
  "eval-cheap-module-source-map",
  "eval-source-map",
  "cheap-source-map",
  "cheap-module-source-map",
  "inline-cheap-source-map",
  "inline-cheap-module-source-map",
  "source-map",
  "inline-source-map",
  "hidden-source-map",
  "nosources-source-map"
].map(devtool => ({
  mode: "development",
  entry: {
    bundle: "coffee-loader!./example.coffee"
  },
  output: {
    path: path.join(__dirname, "dist"),
    filename: `./[name]-${devtool}.js`
  },
  devtool,
  optimization: {
```

```

        runtimeChunk: true
    }
  });

```

Generated source-maps

source-map.js and source-map.js.map

```

(self["webpackChunk"] = self["webpackChunk"] || []).push([[0], [
/* 0 */
/*!*****!\
  !*** ../../node_modules/coffee-loader/dist/cjs.js!/example.coffee ***!
  \*****!\
  /*! unknown exports (runtime-defined) */
  /*! runtime requirements: */
  ****/ (() => {

// Taken from http://coffeescript.org/

// Objects:
var math, race;

math = {
  root: Math.sqrt,
  square: square,
  cube: function(x) {
    return x * square(x);
  }
};

// Splats:
race = function(winner, ...runners) {
  return print(winner, runners);
};

****/ })
],
****/ __webpack_require__ => { // webpackRuntimeModules
****/ var __webpack_exec__ = (moduleId) => (__webpack_require__(__webpack_require__.s = moduleId));
****/ var __webpack_exports__ = (__webpack_exec__(0));
****/ }
]);
//# sourceMappingURL=bundle-source-map.js.map
{"version":3,"file":"./bundle-source-map.js","mappings":";;;;;;;;;AAEU;;;AAAA;;AACV,OACE;EA"}

```

hidden-source-map.js and hidden-source-map.js.map

```
(self["webpackChunk"] = self["webpackChunk"] || []).push([[0], [
  /* 0 */
  /*!*****!\
    *** .././node_modules/coffee-loader/dist/cjs.js!./example.coffee ***!
    \******/
  /*! unknown exports (runtime-defined) */
  /*! runtime requirements: */
  /***/ ((() => {

    // Taken from http://coffeescript.org/

    // Objects:
    var math, race;

    math = {
      root: Math.sqrt,
      square: square,
      cube: function(x) {
        return x * square(x);
      }
    };

    // Splats:
    race = function(winner, ...runners) {
      return print(winner, runners);
    };

    /**/ })
  ],
  /******/ __webpack_require__ => { // webpackRuntimeModules
  /******/ var __webpack_exec__ = (moduleId) => (__webpack_require__(__webpack_require__.$ = 1
  /******/ var __webpack_exports__ = (__webpack_exec__(0));
  /******/ }
  ]);

  {"version":3,"file":"./bundle-hidden-source-map.js","mappings":";;;;;;;;;AAEU;;;AAAA;;AACV,C
```

inline-source-map.js

```
(self["webpackChunk"] = self["webpackChunk"] || []).push([[0], [
  /* 0 */
  /*!*****!\
    *** .././node_modules/coffee-loader/dist/cjs.js!./example.coffee ***!
    \******/
```

```

/*! unknown exports (runtime-defined) */
/*! runtime requirements: */
/***/ ((() => {

// Taken from http://coffeescript.org/

// Objects:
var math, race;

math = {
  root: Math.sqrt,
  square: square,
  cube: function(x) {
    return x * square(x);
  }
};

// Splats:
race = function(winner, ...runners) {
  return print(winner, runners);
};

/***/ })
],
/***/ __webpack_require__ => { // webpackRuntimeModules
/***/ var __webpack_exec__ = (moduleId) => (__webpack_require__(__webpack_require__.s = 1
/***/ var __webpack_exports__ = (__webpack_exec__(0));
/***/ }
]);
//# sourceMappingURL=data:application/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWxlIjoz

```

nosources-source-map.js.map

```

{"version":3,"file":"./bundle-nosources-source-map.js","mappings":"";;;;;;;;;;AAEU;;;AAAA;;AA

```

eval-source-map.js

```

/*
 * ATTENTION: An "eval-source-map" devtool has been used.
 * This devtool is neither made for production nor for readable output files.
 * It uses "eval()" calls to create a separate source file with attached SourceMaps in the output.
 * If you are trying to read the output file, select a different devtool (https://webpack.js.org/configuration/devtool/)
 * or disable the default devtool with "devtool: false".
 * If you are looking for production-ready output files, see mode: "production" (https://webpack.js.org/configuration/mode/).
*/

```

```

(self["webpackChunk"] = self["webpackChunk"] || []).push([[0],[
/* 0 */
/*!*****!*\
  *** .././node_modules/coffee-loader/dist/cjs.js!/example.coffee ***!
  \*****/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: */
****/ (() => {

eval("// Taken from http://coffeescript.org/\n\n// Objects:\nvar math, race;\n\nmath = {\n

****/ })
],
****/ __webpack_require__ => { // webpackRuntimeModules
****/ var __webpack_exec__ = (moduleId) => (__webpack_require__(__webpack_require__.s = 
****/ var __webpack_exports__ = (__webpack_exec__(0));
****/ }
]);

```

eval.js

```

/*
 * ATTENTION: The "eval" devtool has been used (maybe by default in mode: "development").
 * This devtool is neither made for production nor for readable output files.
 * It uses "eval()" calls to create a separate source file in the browser devtools.
 * If you are trying to read the output file, select a different devtool (https://webpack.js.org/configuration/devtool/#mode)
 * or disable the default devtool with "devtool: false".
 * If you are looking for production-ready output files, see mode: "production" (https://webpack.js.org/configuration/devtool/#mode)
 */
(self["webpackChunk"] = self["webpackChunk"] || []).push([[0],[
/* 0 */
/*!*****!*\
  *** .././node_modules/coffee-loader/dist/cjs.js!/example.coffee ***!
  \*****/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: */
****/ (() => {

eval("// Taken from http://coffeescript.org/\n\n// Objects:\nvar math, race;\n\nmath = {\n

****/ })
],
****/ __webpack_require__ => { // webpackRuntimeModules
****/ var __webpack_exec__ = (moduleId) => (__webpack_require__(__webpack_require__.s = 
****/ var __webpack_exports__ = (__webpack_exec__(0));
****/ }
]);

```

```
]);
```

eval-cheap-source-map.js

```
/*
 * ATTENTION: An "eval-source-map" devtool has been used.
 * This devtool is neither made for production nor for readable output files.
 * It uses "eval()" calls to create a separate source file with attached SourceMaps in the output.
 * If you are trying to read the output file, select a different devtool (https://webpack.js.org/configuration/devtool/#mode)
 * or disable the default devtool with "devtool: false".
 * If you are looking for production-ready output files, see mode: "production" (https://webpack.js.org/configuration/devtool/#mode)
 */
(self["webpackChunk"] = self["webpackChunk"] || []).push([[0], [
/* 0 */
/*!*****!\
 *** .././node_modules/coffee-loader/dist/cjs.js!/example.coffee ***!
 \******/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: */
****/ ((() => {

eval("// Taken from http://coffeescript.org/\n\n// Objects:\nvar math, race;\n\nmath = {\n

****/ })
],
/*****/ __webpack_require__ => { // webpackRuntimeModules
/*****/ var __webpack_exec__ = (moduleId) => (__webpack_require__(__webpack_require__.s = moduleId));
/*****/ var __webpack_exports__ = (__webpack_exec__(0));
/*****/ }
]);
```

eval-cheap-module-source-map.js

```
/*
 * ATTENTION: An "eval-source-map" devtool has been used.
 * This devtool is neither made for production nor for readable output files.
 * It uses "eval()" calls to create a separate source file with attached SourceMaps in the output.
 * If you are trying to read the output file, select a different devtool (https://webpack.js.org/configuration/devtool/#mode)
 * or disable the default devtool with "devtool: false".
 * If you are looking for production-ready output files, see mode: "production" (https://webpack.js.org/configuration/devtool/#mode)
 */
(self["webpackChunk"] = self["webpackChunk"] || []).push([[0], [
/* 0 */
/*!*****!\
 *** .././node_modules/coffee-loader/dist/cjs.js!/example.coffee ***!
 \******/
```

```

/*! unknown exports (runtime-defined) */
/*! runtime requirements: */
/***/ ((() => {

eval("// Taken from http://coffeescript.org/\n\n// Objects:\nvar math, race;\n\nmath = {\n

/***/ })
],
/***/ __webpack_require__ => { // webpackRuntimeModules
/***/ var __webpack_exec__ = (moduleId) => (__webpack_require__(__webpack_require__.s = 1
/***/ var __webpack_exports__ = (__webpack_exec__(0));
/***/ }
]);

```

cheap-module-source-map.js.map

```

{"version":3,"file":"./bundle-cheap-module-source-map.js","mappings":";;;;;;;;;AAEA;;;AAAA;

```

cheap-source-map.js.map

```

{"version":3,"file":"./bundle-cheap-source-map.js","mappings":";;;;;;;;;AAAA;AACA;AACA;AACA;

```

webpack output

```

asset ./runtime~bundle-eval.js 5.46 KiB [emitted] (name: runtime~bundle)
asset ./bundle-eval.js 1.53 KiB [emitted] (name: bundle)
Entrypoint bundle 6.99 KiB = ./runtime~bundle-eval.js 5.46 KiB ./bundle-eval.js 1.53 KiB
chunk (runtime: runtime~bundle) ./bundle-eval.js (bundle) 256 bytes [initial] [rendered]
  > coffee-loader!./example.coffee bundle
  ../../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code generated]
  [used exports unknown]
  entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-eval.js (runtime~bundle) 2.46 KiB [entry]
  > coffee-loader!./example.coffee bundle
  runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

```

```

asset ./runtime~bundle-eval-cheap-source-map.js 5.46 KiB [emitted] (name: runtime~bundle)
asset ./bundle-eval-cheap-source-map.js 2.2 KiB [emitted] (name: bundle)
Entrypoint bundle 7.66 KiB = ./runtime~bundle-eval-cheap-source-map.js 5.46 KiB ./bundle-eval-cheap-source-map.js 2.2 KiB
chunk (runtime: runtime~bundle) ./bundle-eval-cheap-source-map.js (bundle) 256 bytes [initial] [rendered]
  > coffee-loader!./example.coffee bundle
  ../../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code generated]
  [used exports unknown]
  entry coffee-loader!./example.coffee bundle

```

```

chunk (runtime: runtime~bundle) ./runtime~bundle-eval-cheap-source-map.js (runtime~bundle) 2
  > coffee-loader!./example.coffee bundle
    runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-eval-cheap-module-source-map.js 5.46 KiB [emitted] (name: runtime~bundle)
asset ./bundle-eval-cheap-module-source-map.js 2.33 KiB [emitted] (name: bundle)
Entrypoint bundle 7.79 KiB = ./runtime~bundle-eval-cheap-module-source-map.js 5.46 KiB ./bundle-eval-cheap-module-source-map.js 2.33 KiB
chunk (runtime: runtime~bundle) ./bundle-eval-cheap-module-source-map.js (bundle) 256 bytes [initial] [built] [code generated]
  > coffee-loader!./example.coffee bundle
    ../../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code generated] [used exports unknown]
    entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-eval-cheap-module-source-map.js (runtime~bundle) 2.46 KiB
  > coffee-loader!./example.coffee bundle
    runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-eval-source-map.js 5.46 KiB [emitted] (name: runtime~bundle)
asset ./bundle-eval-source-map.js 2.33 KiB [emitted] (name: bundle)
Entrypoint bundle 7.79 KiB = ./runtime~bundle-eval-source-map.js 5.46 KiB ./bundle-eval-source-map.js 2.33 KiB
chunk (runtime: runtime~bundle) ./bundle-eval-source-map.js (bundle) 256 bytes [initial] [built] [code generated]
  > coffee-loader!./example.coffee bundle
    ../../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code generated] [used exports unknown]
    entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-eval-source-map.js (runtime~bundle) 2.46 KiB
  > coffee-loader!./example.coffee bundle
    runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-cheap-source-map.js 4.97 KiB [emitted] (name: runtime~bundle) 1 related asset
asset ./bundle-cheap-source-map.js 938 bytes [emitted] (name: bundle) 1 related asset
Entrypoint bundle 5.89 KiB (4.84 KiB) = ./runtime~bundle-cheap-source-map.js 4.97 KiB ./bundle-cheap-source-map.js 938 bytes
chunk (runtime: runtime~bundle) ./bundle-cheap-source-map.js (bundle) 256 bytes [initial] [built] [code generated]
  > coffee-loader!./example.coffee bundle
    ../../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code generated] [used exports unknown]
    entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-cheap-source-map.js (runtime~bundle) 2.46 KiB
  > coffee-loader!./example.coffee bundle
    runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-cheap-module-source-map.js 4.98 KiB [emitted] (name: runtime~bundle)
asset ./bundle-cheap-module-source-map.js 945 bytes [emitted] (name: bundle) 1 related asset

```



```

Entrypoint bundle 5.9 KiB (4.76 KiB) = ./runtime~bundle-cheap-module-source-map.js 4.98 KiB
chunk (runtime: runtime~bundle) ./bundle-cheap-module-source-map.js (bundle) 256 bytes [init]
  > coffee-loader!./example.coffee bundle
  ../../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code generated]
  [used exports unknown]
  entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-cheap-module-source-map.js (runtime~bundle) 2.46 KiB
  > coffee-loader!./example.coffee bundle
  runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-inline-cheap-source-map.js 10.8 KiB [emitted] (name: runtime~bundle)
asset ./bundle-inline-cheap-source-map.js 1.62 KiB [emitted] (name: bundle)
Entrypoint bundle 12.4 KiB = ./runtime~bundle-inline-cheap-source-map.js 10.8 KiB ./bundle-inline-cheap-source-map.js 1.62 KiB
chunk (runtime: runtime~bundle) ./bundle-inline-cheap-source-map.js (bundle) 256 bytes [initial]
  > coffee-loader!./example.coffee bundle
  ../../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code generated]
  [used exports unknown]
  entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-inline-cheap-source-map.js (runtime~bundle) 10.8 KiB
  > coffee-loader!./example.coffee bundle
  runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-inline-cheap-module-source-map.js 10.8 KiB [emitted] (name: runtime~bundle)
asset ./bundle-inline-cheap-module-source-map.js 1.51 KiB [emitted] (name: bundle)
Entrypoint bundle 12.3 KiB = ./runtime~bundle-inline-cheap-module-source-map.js 10.8 KiB ./bundle-inline-cheap-module-source-map.js 1.51 KiB
chunk (runtime: runtime~bundle) ./bundle-inline-cheap-module-source-map.js (bundle) 256 bytes [initial]
  > coffee-loader!./example.coffee bundle
  ../../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code generated]
  [used exports unknown]
  entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-inline-cheap-module-source-map.js (runtime~bundle) 10.8 KiB
  > coffee-loader!./example.coffee bundle
  runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-source-map.js 4.96 KiB [emitted] (name: runtime~bundle) 1 related asset
asset ./bundle-source-map.js 932 bytes [emitted] (name: bundle) 1 related asset
Entrypoint bundle 5.88 KiB (4.86 KiB) = ./runtime~bundle-source-map.js 4.96 KiB ./bundle-source-map.js 932 bytes
chunk (runtime: runtime~bundle) ./bundle-source-map.js (bundle) 256 bytes [initial] [rendered]
  > coffee-loader!./example.coffee bundle
  ../../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code generated]
  [used exports unknown]
  entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-source-map.js (runtime~bundle) 4.96 KiB
  > coffee-loader!./example.coffee bundle
  runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

```

```

> coffee-loader!./example.coffee bundle
runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-inline-source-map.js 10.8 KiB [emitted] (name: runtime~bundle)
asset ./bundle-inline-source-map.js 1.64 KiB [emitted] (name: bundle)
Entrypoint bundle 12.4 KiB = ./runtime~bundle-inline-source-map.js 10.8 KiB ./bundle-inline-
chunk (runtime: runtime~bundle) ./bundle-inline-source-map.js (bundle) 256 bytes [initial]
> coffee-loader!./example.coffee bundle
./.../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code gene
[used exports unknown]
entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-inline-source-map.js (runtime~bundle) 2.46
> coffee-loader!./example.coffee bundle
runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-hidden-source-map.js 4.91 KiB [emitted] (name: runtime~bundle) 1 rela
asset ./bundle-hidden-source-map.js 886 bytes [emitted] (name: bundle) 1 related asset
Entrypoint bundle 5.78 KiB (4.87 KiB) = ./runtime~bundle-hidden-source-map.js 4.91 KiB ./bur
chunk (runtime: runtime~bundle) ./bundle-hidden-source-map.js (bundle) 256 bytes [initial]
> coffee-loader!./example.coffee bundle
./.../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code gene
[used exports unknown]
entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-hidden-source-map.js (runtime~bundle) 2.46
> coffee-loader!./example.coffee bundle
runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

asset ./runtime~bundle-nosources-source-map.js 4.97 KiB [emitted] (name: runtime~bundle) 1 r
asset ./bundle-nosources-source-map.js 942 bytes [emitted] (name: bundle) 1 related asset
Entrypoint bundle 5.89 KiB (1.24 KiB) = ./runtime~bundle-nosources-source-map.js 4.97 KiB ./
chunk (runtime: runtime~bundle) ./bundle-nosources-source-map.js (bundle) 256 bytes [initial]
> coffee-loader!./example.coffee bundle
./.../node_modules/coffee-loader/dist/cjs.js!./example.coffee 256 bytes [built] [code gene
[used exports unknown]
entry coffee-loader!./example.coffee bundle
chunk (runtime: runtime~bundle) ./runtime~bundle-nosources-source-map.js (runtime~bundle) 2.
> coffee-loader!./example.coffee bundle
runtime modules 2.46 KiB 3 modules
webpack 5.51.1 compiled successfully

```