

## example.js

This example illustrates how to filter the ContextModule results of `import()` statements. Only `.js` files that don't end in `.noimport.js` within the `templates` folder will be bundled.

```
async function getTemplate(templateName) {
  try {
    let template = await import(
      /* webpackInclude: /\.js$/ */
      /* webpackExclude: /\.noimport\.js$/ */
      `./templates/${templateName}`
    );
    console.log(template);
  } catch(err) {
    console.error(err);
    return new Error(err);
  }
}

getTemplate("foo");
getTemplate("bar");
getTemplate("baz");
getTemplate("foo.noimport");
getTemplate("bar.noimport");
getTemplate("baz.noimport");
```

## templates/

- foo.js
- foo.noimport.js
- baz.js
- foo.noimport.js
- bar.js
- foo.noimport.js

All templates are of this pattern:

```
var foo = "foo";

export default foo;
```

## dist/output.js

```
/***/ ((() => { // webpackBootstrap
/***/      var __webpack_modules__ = ([
/* 0 */,
/* 1 */
```

```

/*!*****
    *** ./templates/ lazy ^\.\.*$ include: \.js$ exclude: \.noimport\.js$ namespace
    object ***!
\*****

/*! default exports */
/*! exports [not provided] [no usage info] */
/*! runtime requirements: module, __webpack_require__.o, __webpack_require__,
__webpack_require__.e, __webpack_require__.* */
/**/ ((module, __unused_webpack_exports, __webpack_require__) => {

var map = {
  "./bar": [
    2,
    398
  ],
  "./bar.js": [
    2,
    398
  ],
  "./baz": [
    3,
    544
  ],
  "./baz.js": [
    3,
    544
  ],
  "./foo": [
    4,
    718
  ],
  "./foo.js": [
    4,
    718
  ]
];

function webpackAsyncContext(req) {
  if(!__webpack_require__.o(map, req)) {
    return Promise.resolve().then(() => {
      var e = new Error("Cannot find module '" + req + "'");
      e.code = 'MODULE_NOT_FOUND';
      throw e;
    });
  }

  var ids = map[req], id = ids[0];
  return __webpack_require__.e(ids[1]).then(() => {
    return __webpack_require__(id);
  });
}

```

```

}
webpackAsyncContext.keys = () => (Object.keys(map));
webpackAsyncContext.id = 1;
module.exports = webpackAsyncContext;

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

```

► /\* webpack runtime code \*/

```

var __webpack_exports__ = {};
// This entry need to be wrapped in an IIFE because it need to be isolated against
other modules in the chunk.
(() => {
  /*!*****!\
    !*** ./example.js ***!
    \*****/
  /*! unknown exports (runtime-defined) */
  /*! runtime requirements: __webpack_require__ */
  async function getTemplate(templateName) {
    try {
      let template = await __webpack_require__(1) (`./${templateName}`);
      console.log(template);
    } catch(err) {
      console.error(err);
      return new Error(err);
    }
  }

  getTemplate("foo");
  getTemplate("bar");
  getTemplate("baz");
  getTemplate("foo.noimport");
  getTemplate("bar.noimport");
  getTemplate("baz.noimport");

  }) ();

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

```

## Info

### Unoptimized

```

asset output.js 11.2 KiB [emitted] (name: main)
asset 398.output.js 858 bytes [emitted]
asset 544.output.js 858 bytes [emitted]

```

```

asset 718.output.js 858 bytes [emitted]
chunk (runtime: main) output.js (main) 597 bytes (javascript) 5.54 KiB (runtime)
[entry] [rendered]
  > ./example.js main
runtime modules 5.54 KiB 8 modules
dependent modules 160 bytes [dependent] 1 module
./example.js 437 bytes [built] [code generated]
  [used exports unknown]
  entry ./example.js main
chunk (runtime: main) 398.output.js 38 bytes [rendered]
  > ./bar ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$ namespace
object ./bar
  > ./bar.js ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$
namespace object ./bar.js
./templates/bar.js 38 bytes [optional] [built] [code generated]
  [exports: default]
  [used exports unknown]
  import() context element ./bar ./templates/ lazy ^\./.*$ include: \.js$ exclude:
\.noimport\.js$ namespace object ./bar
  import() context element ./bar.js ./templates/ lazy ^\./.*$ include: \.js$
exclude: \.noimport\.js$ namespace object ./bar.js
chunk (runtime: main) 544.output.js 38 bytes [rendered]
  > ./baz ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$ namespace
object ./baz
  > ./baz.js ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$
namespace object ./baz.js
./templates/baz.js 38 bytes [optional] [built] [code generated]
  [exports: default]
  [used exports unknown]
  import() context element ./baz ./templates/ lazy ^\./.*$ include: \.js$ exclude:
\.noimport\.js$ namespace object ./baz
  import() context element ./baz.js ./templates/ lazy ^\./.*$ include: \.js$
exclude: \.noimport\.js$ namespace object ./baz.js
chunk (runtime: main) 718.output.js 38 bytes [rendered]
  > ./foo ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$ namespace
object ./foo
  > ./foo.js ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$
namespace object ./foo.js
./templates/foo.js 38 bytes [optional] [built] [code generated]
  [exports: default]
  [used exports unknown]
  import() context element ./foo ./templates/ lazy ^\./.*$ include: \.js$ exclude:
\.noimport\.js$ namespace object ./foo
  import() context element ./foo.js ./templates/ lazy ^\./.*$ include: \.js$
exclude: \.noimport\.js$ namespace object ./foo.js
webpack 5.51.1 compiled successfully

```

## Production mode

```

asset output.js 2.48 KiB [emitted] [minimized] (name: main)
asset 398.output.js 130 bytes [emitted] [minimized]

```

```
asset 544.output.js 130 bytes [emitted] [minimized]
asset 718.output.js 130 bytes [emitted] [minimized]
chunk (runtime: main) output.js (main) 597 bytes (javascript) 5.54 KiB (runtime)
[entry] [rendered]
  > ./example.js main
  runtime modules 5.54 KiB 8 modules
  dependent modules 160 bytes [dependent] 1 module
  ./example.js 437 bytes [built] [code generated]
    [no exports used]
  entry ./example.js main
chunk (runtime: main) 398.output.js 38 bytes [rendered]
  > ./bar ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$ namespace
object ./bar
  > ./bar.js ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$
namespace object ./bar.js
  ./templates/bar.js 38 bytes [optional] [built] [code generated]
    [exports: default]
  import() context element ./bar ./templates/ lazy ^\./.*$ include: \.js$ exclude:
\.noimport\.js$ namespace object ./bar
  import() context element ./bar.js ./templates/ lazy ^\./.*$ include: \.js$
exclude: \.noimport\.js$ namespace object ./bar.js
chunk (runtime: main) 544.output.js 38 bytes [rendered]
  > ./baz ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$ namespace
object ./baz
  > ./baz.js ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$
namespace object ./baz.js
  ./templates/baz.js 38 bytes [optional] [built] [code generated]
    [exports: default]
  import() context element ./baz ./templates/ lazy ^\./.*$ include: \.js$ exclude:
\.noimport\.js$ namespace object ./baz
  import() context element ./baz.js ./templates/ lazy ^\./.*$ include: \.js$
exclude: \.noimport\.js$ namespace object ./baz.js
chunk (runtime: main) 718.output.js 38 bytes [rendered]
  > ./foo ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$ namespace
object ./foo
  > ./foo.js ./templates/ lazy ^\./.*$ include: \.js$ exclude: \.noimport\.js$
namespace object ./foo.js
  ./templates/foo.js 38 bytes [optional] [built] [code generated]
    [exports: default]
  import() context element ./foo ./templates/ lazy ^\./.*$ include: \.js$ exclude:
\.noimport\.js$ namespace object ./foo
  import() context element ./foo.js ./templates/ lazy ^\./.*$ include: \.js$
exclude: \.noimport\.js$ namespace object ./foo.js
webpack 5.51.1 compiled successfully
```