

## pageA.js

```
require(["./common"], function(common) {  
  common(require("./a"));  
});
```

## pageB.js

```
require(["./common"], function(common) {  
  common(require("./b"));  
});
```

## pageC.js

```
require(["./a"], function(a) {  
  console.log(a + require("./b"));  
});
```

## common.js

a big file...

## webpack.config.js

```
var path = require("path");  
var { AggressiveMergingPlugin } = require("../..").optimize;  
  
module.exports = {  
  // mode: "development" || "production",  
  entry: {  
    pageA: "./pageA",  
    pageB: "./pageB",  
    pageC: "./pageC"  
  },  
  output: {  
    path: path.join(__dirname, "dist"),  
    filename: "[name].bundle.js",  
    chunkFilename: "[id].chunk.js"  
  },  
  plugins: [  
    new AggressiveMergingPlugin({  
      minSizeReduce: 1.5  
    })  
  ]  
};
```

```

    })
  ],
  optimization: {
    chunkIds: "deterministic" // To keep filename consistent between different
    modes (for example building only)
  }
};

```

## Info

### Unoptimized

```

asset pageA.bundle.js 8.91 KiB [emitted] (name: pageA)
asset pageB.bundle.js 8.91 KiB [emitted] (name: pageB)
asset pageC.bundle.js 8.91 KiB [emitted] (name: pageC)
asset 456.chunk.js 6.28 KiB [emitted]
asset 394.chunk.js 606 bytes [emitted]
chunk (runtime: pageB) pageB.bundle.js (pageB) 69 bytes (javascript) 4.98 KiB
(runtime) [entry] [rendered]
  > ./pageB pageB
runtime modules 4.98 KiB 6 modules
./pageB.js 69 bytes [built] [code generated]
  [used exports unknown]
  entry ./pageB pageB
chunk (runtime: pageC) pageC.bundle.js (pageC) 68 bytes (javascript) 4.98 KiB
(runtime) [entry] [rendered]
  > ./pageC pageC
runtime modules 4.98 KiB 6 modules
./pageC.js 68 bytes [built] [code generated]
  [used exports unknown]
  entry ./pageC pageC
chunk (runtime: pageC) 394.chunk.js 42 bytes [rendered]
  > ./a ./pageC.js 1:0-3:2
./a.js 21 bytes [built] [code generated]
  [used exports unknown]
  cjs self exports reference ./a.js 1:0-14
  cjs require ./a ./pageA.js 2:8-22
  amd require ./a ./pageC.js 1:0-3:2
./b.js 21 bytes [built] [code generated]
  [used exports unknown]
  cjs self exports reference ./b.js 1:0-14
  cjs require ./b ./pageB.js 2:8-22
  cjs require ./b ./pageC.js 2:17-31
chunk (runtime: pageA) pageA.bundle.js (pageA) 69 bytes (javascript) 4.98 KiB
(runtime) [entry] [rendered]
  > ./pageA pageA
runtime modules 4.98 KiB 6 modules
./pageA.js 69 bytes [built] [code generated]
  [used exports unknown]

```

```

    entry ./pageA pageA
chunk (runtime: pageA, pageB) 456.chunk.js 5.45 KiB [rendered]
  > ./common ./pageA.js 1:0-3:2
  > ./common ./pageB.js 1:0-3:2
./a.js 21 bytes [built] [code generated]
  [used exports unknown]
  cjs self exports reference ./a.js 1:0-14
  cjs require ./a ./pageA.js 2:8-22
  amd require ./a ./pageC.js 1:0-3:2
./b.js 21 bytes [built] [code generated]
  [used exports unknown]
  cjs self exports reference ./b.js 1:0-14
  cjs require ./b ./pageB.js 2:8-22
  cjs require ./b ./pageC.js 2:17-31
./common.js 5.41 KiB [built] [code generated]
  [used exports unknown]
  cjs self exports reference ./common.js 1:0-14
  amd require ./common ./pageA.js 1:0-3:2
  amd require ./common ./pageB.js 1:0-3:2
webpack 5.51.1 compiled successfully

```

## Production mode

```

asset pageC.bundle.js 1.74 KiB [emitted] [minimized] (name: pageC)
asset pageA.bundle.js 1.73 KiB [emitted] [minimized] (name: pageA)
asset pageB.bundle.js 1.73 KiB [emitted] [minimized] (name: pageB)
asset 456.chunk.js 155 bytes [emitted] [minimized]
asset 394.chunk.js 104 bytes [emitted] [minimized]
chunk (runtime: pageB) pageB.bundle.js (pageB) 69 bytes (javascript) 4.98 KiB
(runtime) [entry] [rendered]
  > ./pageB pageB
runtime modules 4.98 KiB 6 modules
./pageB.js 69 bytes [built] [code generated]
  [no exports used]
  entry ./pageB pageB
chunk (runtime: pageC) pageC.bundle.js (pageC) 68 bytes (javascript) 4.98 KiB
(runtime) [entry] [rendered]
  > ./pageC pageC
runtime modules 4.98 KiB 6 modules
./pageC.js 68 bytes [built] [code generated]
  [no exports used]
  entry ./pageC pageC
chunk (runtime: pageC) 394.chunk.js 42 bytes [rendered]
  > ./a ./pageC.js 1:0-3:2
./a.js 21 bytes [built] [code generated]
  [used exports unknown]
  cjs self exports reference ./a.js 1:0-14
  cjs require ./a ./pageA.js 2:8-22
  amd require ./a ./pageC.js 1:0-3:2
./b.js 21 bytes [built] [code generated]
  [used exports unknown]

```

```
cjs self exports reference ./b.js 1:0-14
cjs require ./b ./pageB.js 2:8-22
cjs require ./b ./pageC.js 2:17-31
chunk (runtime: pageA) pageA.bundle.js (pageA) 69 bytes (javascript) 4.98 KiB
(runtime) [entry] [rendered]
> ./pageA pageA
runtime modules 4.98 KiB 6 modules
./pageA.js 69 bytes [built] [code generated]
[no exports used]
entry ./pageA pageA
chunk (runtime: pageA, pageB) 456.chunk.js 5.45 KiB [rendered]
> ./common ./pageA.js 1:0-3:2
> ./common ./pageB.js 1:0-3:2
./a.js 21 bytes [built] [code generated]
[used exports unknown]
cjs self exports reference ./a.js 1:0-14
cjs require ./a ./pageA.js 2:8-22
amd require ./a ./pageC.js 1:0-3:2
./b.js 21 bytes [built] [code generated]
[used exports unknown]
cjs self exports reference ./b.js 1:0-14
cjs require ./b ./pageB.js 2:8-22
cjs require ./b ./pageC.js 2:17-31
./common.js 5.41 KiB [built] [code generated]
[used exports unknown]
cjs self exports reference ./common.js 1:0-14
amd require ./common ./pageA.js 1:0-3:2
amd require ./common ./pageB.js 1:0-3:2
webpack 5.51.1 compiled successfully
```