

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 (f
    }
  };

```

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) [ent
  > ./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) [ent
  > ./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) [ent
  > ./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) [ent
> ./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) [ent
> ./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) [ent
> ./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

```