Application Structure



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Overview



The public folder

The src folder

Build output

Entry point

Modules

Components



Optimizing JavaScript Files

Webpack bundles all JavaScript contained in the src folder

main.chunk.js => application code

vendors-main.chunk.js => library code

bundle.js => module logic



Why Multiple Bundles?

Application code changes more frequently
Leverage browser cache
In production build hash gets added
Multiple chunks with app code possible



Modules

```
class component {
    doSomething() {
    }
}
export component;

anotherModule.js

Import {component} from "./module";

component.doSomething();
```

Modules

```
class component {
    doSomething() {
    }
}
export default component;

anotherModule.js

Import comp from "./module";

comp.doSomething();
```

Modules

module.js

```
class component {
  doSomething() {
  }
}
const x = 10;
export default component, x;
```

anotherModule.js

```
Import comp, {x} from "./module";
comp.doSomething();
Console.log(x);
```

Summary



Initial app structure

public folder

src folder

Entry point

Modules

Top-level component

Importing external modules

Placing components in folders

