

Setup

How to integrate React Native for Web with various development tools.

Find out about package aliasing, package optimization, using types, and customizing the app's HTML shell.

Package aliasing

Bundler

Configure your module bundler to alias the package to **react-native**. For example, modify your [webpack](#) configuration as follows:

```
// webpack.config.js
module.exports = {
  // ...the rest of your config

  resolve: {
    alias: {
      'react-native$': 'react-native-web'
    }
  }
}
```

Compiler

[Babel](#) supports module aliasing using [babel-plugin-module-resolver](#)

```
{
  "plugins": [
    ["module-resolver", {
```

```
    "alias": {  
      "^react-native$": "react-native-web"  
    }  
  }  
]  
]
```

Jest

[Jest](#) can be configured to understand the aliased module.

```
{  
  "moduleNameMapper": {  
    "^react-native$": "react-native-web"  
  }  
}
```

Flow

[Flow](#) can be configured to understand the aliased module.

```
[options]  
# Alias the package name  
module.name_mapper='^react-native$' -> 'react-native-web'
```

Node.js

Node.js can alias `react-native` to `react-native-web` using [module-alias](#). This is useful if you want to pre-render the app (e.g., server-side rendering or build-time rendering).

```
// Install the `module-alias` package as a dependency first  
const moduleAlias = require("module-alias");  
moduleAlias.addAliases({  
  "react-native": require.resolve("react-native-web"),  
});
```

```
});  
moduleAlias();
```

Package optimization

The project's Babel plugin (see [Installation](#)) is recommended for build-time optimizations and to prune modules not used by your application.

```
{  
  "plugins": ['react-native-web']  
}
```

Types

Flow can be configured to pull types from React Native for Web's source code.

```
[options]  
# Point flow to the 'module' field by default  
module.system.node.main_field=module  
module.system.node.main_field=main
```

Root element

Full-screen React Native apps with a root `<ScrollView>` may require the following styles inlined in the HTML document shell. ([Example](#).)

```
/* These styles make the body full-height */  
html, body { height: 100%; }
```

```
/* These styles disable body scrolling if you are using <ScrollView> */  
body { overflow: hidden; }  
/* These styles make the root element full-height */  
#root { display: flex; height: 100%; }
```

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