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# rollup-plugin-import-assert TS

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## rollup-plugin-import-assert

 A Rollup plugin which enables **import assertions** for top-level CSS and JSON modules.

## Installation

This package is available on the npm registry under the name `rollup-plugin-import-assert` and can be installed with npm, yarn or however else you consume dependencies.

### [Example commands](#)

npm:

```
npm i -D rollup-plugin-import-assert
```

yarn:

```
yarn add -D rollup-plugin-import-assert
```

## Usage

Once the plugin is installed, you will also need to make sure you have the `acorn-import-assertions` package installed. You can then add both items to your Rollup configuration as below:

```
import { importAssertionsPlugin } from 'rollup-plugin-import-assert';
import { importAssertions } from 'acorn-import-assertions';

export default {
  input: 'path/to/file.js'
  output: {
    format: 'esm',
    dir: 'lib' // only necessary to enable dynamic imports
  },
  acornInjectPlugins: [ importAssertions ],
  plugins: [ importAssertionsPlugin() ]
}
```

These two plugins will enable the import assertion syntax and behavior in your Rollup build. In your input file, you can import files using type assertions as follows:

```
import styles from './styles.css' assert { type: 'css' };

class MyCustomElement extends HTMLElement {
```

```
connectedCallback() {  
  const root = this.attachShadow({ mode: 'open' });  
  root.innerHTML = `<h1>Hello world</h1>`;  
  root.adoptedStyleSheets = [ styles ];  
}  
}  
  
customElements.define('my-custom-element', MyCustomElement);
```

Assuming valid CSS in `styles.css`, the contents of the the CSS will be transformed to use CSS module scripts for use with

`DocumentOrShadowRoot.prototype.adoptedStyleSheets`. Currently this API only exists in Chrome, but a **polyfill exists** to port the behavior back to IE11.

## Limitations

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This plugin will ignore dynamic imports with dynamic values, e.g.:

```
import(`./foo/${bar}.json`, { assert: { type: 'json' } }); // will be  
  
const foo = './foo.json';  
import(foo, { assert: { type: 'json' } }); // will be ignored
```

## Keywords

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**Rollup** **constructible stylesheets** **json** **css** **web components**  
**acorn**

Install

```
npm i rollup-plugin-import-assert
```

Repository

 [github.com/calebdwilliams/rollup-plugin-import-assert](https://github.com/calebdwilliams/rollup-plugin-import-assert)

Homepage

 [github.com/calebdwilliams/rollup-plugin-import-assert#readme](https://github.com/calebdwilliams/rollup-plugin-import-assert#readme)

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Version

3.0.1

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24.5 kB

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