

## Has imports?

*Added in v3.0.2* Returns true if the code has any top level import.

```
let sourceCode = `import {html, css,
  LitElement} from "lit";`;
let it = new
  ImportTransformer(sourceCode);
it.hasImports(); // true

let sourceCode = `const {html, css,
  LitElement} = require("lit");`;
let it = new
  ImportTransformer(sourceCode);
it.hasImports(); // false
```

## Installation

Available on [npm](https://www.npmjs.com/package/esm-import-transformer)

```
npm install esm-import-transformer
```

# esm-import-transformer

Can transform any ESM source code import URLs using an import maps object. This package works in ESM or CJS.

```
// Input source code:
import {html, css, LitElement} from
  "lit";

// Transform with an import map:
import {html, css, LitElement} from
  "https://cdn.jsdelivr.net/gh/
  lit/dist@2/core/lit-
  core.min.js";

// Or transform to a dynamic import:
const {html, css, LitElement} = await
  import("lit");

// Or transform to CommonJS require:
const {html, css, LitElement} =
  require("lit");
```

## Usage

```
// ESM
import { ImportTransformer } from "esm-
  import-transformer";
```

```
// or CJS
const { ImportTransformer } = await
  import("esm-import-
    transformer");
```

## Transform with an import map

Pass in a source code string and an [import maps](#) object.

```
let sourceCode = `import {html, css,
  LitElement} from "lit";`;
let it = new
  ImportTransformer(sourceCode);

let importMap = {
  imports: {
    lit: "https://cdn.jsdelivr.net/gh/
      lit/dist@2/core/lit-core.min.js"
  }
};
let outputCode =
  it.transformWithImportMap(importMap);
// returns: `import {html, css,
  LitElement} from "https://
  cdn.jsdelivr.net/gh/lit/dist@2/
  core/lit-core.min.js";`
```

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```
let sourceCode = `import {html, css,
  LitElement} from "lit";`;
let it = new
  ImportTransformer(sourceCode);
let outputCode =
  it.transformToRequire();
// returns: `const {html, css,
  LitElement} = require("lit");`
```

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## Transform to dynamic import()

```
let sourceCode = `import {html, css,
  LitElement} from "lit";`;
let it = new
  ImportTransformer(sourceCode);
let outputCode =
  it.transformToDynamicImport();
// returns: `const {html, css,
  LitElement} = await
  import("lit");`
```

## Transform to require()

*Added in v3.0.1:* This method does *not* require that the downstream package is CommonJS, but remember that *running* the resulting code will fail if you try to require an ESM package (in some JavaScript environments, e.g. Node < 20).