Installation

Install MUI, the world's most popular React UI framework.

MUI is available as an [npm package](#).

npm

To install and save in your `package.json` dependencies, run:

```
// with npm
npm install @mui/material @emotion/react @emotion/styled

// with yarn
yarn add @mui/material @emotion/react @emotion/styled
```

Please note that [react](#) >= 17.0.0 and [react-dom](#) >= 17.0.0 are peer dependencies.

MUI is using [emotion](#) as a styling engine by default. If you want to use `styled-components` instead, run:

```
// with npm
npm install @mui/material @mui/styled-engine-sc styled-components

// with yarn
yarn add @mui/material @mui/styled-engine-sc styled-components
```

> 💡 Take a look at the [Styled Engine guide](#) for more information about how to configure `styled-components` as the style engine.

Roboto font

MUI was designed with the [Roboto](#) font in mind. So be sure to follow [these instructions](#). For instance, via Google Web Fonts:

```
<link
  rel="stylesheet"
  href="https://fonts.googleapis.com/css?family=Roboto:300,400,500,700&display=swap"
/>
```

Font icons

To use the font `Icon` component, you must first add the [Material icons](#) font. Here are [some instructions](#) on how to do so. For instance, via Google Web Fonts:

```
<link
  rel="stylesheet"
  href="https://fonts.googleapis.com/icon?family=Material+Icons"
/>
```

SVG icons

In order to use prebuilt SVG Material icons, such as those found in the [icons demos](#) you must first install the [@mui/icons-material](#) package:

```
// with npm
npm install @mui/icons-material

// with yarn
yarn add @mui/icons-material
```

CDN

You can start using MUI with minimal Front-end infrastructure, which is great for prototyping.

Two Universal Module Definition (**UMD**) files are provided:

- one for development: https://unpkg.com/@mui/material@latest/umd/material-ui.development.js
- one for production: https://unpkg.com/@mui/material@latest/umd/material-ui.production.min.js

You can follow [this CDN example](#) to quickly get started.

⚠️ Using this approach in **production** is **discouraged** though - the client has to download the entire library, regardless of which components are actually used, affecting performance and bandwidth utilization.

⚠️ The UMD links are using the `latest` tag to point to the latest version of the library. This pointer is **unstable**, it shifts as we release new versions. You should consider pointing to a specific version, such as [v5.0.0](#).

Design resources

[figma](#)   [adobe-xd](#)   [sketch](#)

A set of reusable components for design tools is available, designed to match the React components and to help you craft great products:

- [Figma](#): A large UI kit with over 600 handcrafted MUI components.
- [Adobe XD](#): A large UI kit with over 600 handcrafted MUI components.
- [Sketch](#): A large UI kit with over 600 handcrafted MUI symbols.
- [UXPin](#): A large UI kit of MUI components. The design tool renders the components in a web runtime. It uses the same React implementation as your production environment.