

# React

## DRAG Drag and Drop

**Upload files, move items between multiple lists, and rearrange images and assets.**

**Useful NPM Packages-8**



# What is React DnD?

**React DnD is a set of React utilities designed to help you build advanced drag-and-drop interfaces while keeping your components decoupled.**

**It enables functionalities similar to apps like Trello and Storify where data is transferred between various parts of the app and components change their appearance and application state in response to drag and drop events.**

# Features

- **Drag Sources:** API for creating elements that can be dragged and dropped
- **Drop Targets:** API for creating elements that can accept dropped items
- **Backend agnostic:** Can be used with any backend (HTML5, Touch, etc.)
- **Decoupled design:** Can be used with or without React
- **Simple API:** Easy to learn and use
- **TypeScript support:** TypeScript definitions are included
- **Accessibility support:** Provides support for accessibility standards
- **Server rendering support:** Supports server-side rendering.

# Installation

```
$ npm i react-dnd
```

# Example:

```
import React, {useCallback} from 'react'
import {useDropzone} from 'react-dropzone'

function MyDropzone() {
  const onDrop = useCallback(acceptedFiles => {
    // Do something with the files
  }, [])
  const {getRootProps, getInputProps, isDragActive} =
    useDropzone({onDrop})
  return (
    <div {...getRootProps()}>
      <input {...getInputProps()} />
      {
        isDragActive ?
          <p>Drop the files here ...</p> :
          <p>Drag 'n' drop some files here, or click to select files</p>
      }
    </div>
  )
}
```

