

Upload file by selecting or dragging.

## When To Use

Uploading is the process of publishing information (web pages, text, pictures, video, etc.) to a remote server via a web page or upload tool.

- When you need to upload one or more files.
- When you need to show the process of uploading.
- When you need to upload files by dragging and dropping.

## API

Property	Description	Type	Default	Version
accept	File types that can be accepted. See <a href="#">input accept Attribute</a>	string	-	
action	Uploading URL	string   (file) => Promise<string>	-	
beforeUpload	Hook function which will be executed before uploading. Uploading will be stopped with <code>false</code> or a rejected Promise returned. When returned value is <code>Upload.LIST_IGNORE</code> , the list of files that have been uploaded will ignore it. <b>Warning: this function is not supported in IE9</b>	(file, fileList) => boolean   Promise<File>   Upload.LIST_IGNORE	-	
customRequest	Override for the default xhr behavior allowing for additional customization and ability to implement your own XMLHttpRequest	function	-	
data	Uploading extra params or function which can return uploading extra params	object   (file) => object   Promise<object>	-	

defaultFileList	Default list of files that have been uploaded	object[]	-	
directory	Support upload whole directory ( <a href="#">caniuse</a> )	boolean	false	
disabled	Disable upload button	boolean	false	
fileList	List of files that have been uploaded (controlled). Here is a common issue <a href="#">#2423</a> when using it	<a href="#">UploadFile[]</a>	-	
headers	Set request headers, valid above IE10	object	-	
iconRender	Custom show icon	(file: UploadFile, listType?: UploadListType) => ReactNode	-	
isImageUrl	Customize if render <code>&lt;img /&gt;</code> in thumbnail	(file: UploadFile) => boolean	<a href="#">(inside implementation)</a>	
itemRender	Custom item of uploadList	(originNode: ReactElement, file: UploadFile, fileList: object[], actions: { download: function, preview: function, remove: function }) => React.ReactNode	-	4.16.0
listType	Built-in stylesheets, support for three types: <code>text</code> , <code>picture</code> or <code>picture-card</code>	string	<code>text</code>	
maxCount	Limit the number of uploaded files. Will replace current one when <code>maxCount</code> is 1	number	-	4.10.0
method	The http method of upload request	string	<code>post</code>	
multiple	Whether to support selected multiple file. <small>IE10+</small> supported. You can select multiple	boolean	false	

	files with CTRL holding down while multiple is set to be true			
name	The name of uploading file	string	file	
openFileDialogOnClick	Click open file dialog	boolean	true	
previewFile	Customize preview file logic	(file: File   Blob) => Promise<dataURL: string>	-	
progress	Custom progress bar	<a href="#">ProgressProps</a> (support <code>type="line"</code> only)	{ strokeWidth: 2, showInfo: false }	4.3.0
showUploadList	Whether to show default upload list, could be an object to specify <code>showPreviewIcon,</code> <code>showRemoveIcon,</code> <code>showDownloadIcon,</code> <code>removeIcon</code> and <code>downloadIcon</code> individually	boolean   { showPreviewIcon?: boolean, showDownloadIcon?: boolean, showRemoveIcon?: boolean, previewIcon?: ReactNode   (file: UploadFile) => ReactNode, removeIcon?: ReactNode   (file: UploadFile) => ReactNode, downloadIcon?: ReactNode   (file: UploadFile) => ReactNode }	true	function: 4.7.0
withCredentials	The ajax upload with cookie sent	boolean	false	
onChange	A callback function, can be executed when uploading state is changing, see <a href="#">onChange</a>	function	-	
onDrop	A callback function executed when files are dragged and dropped into upload area	(event: React.DragEvent) => void	-	4.16.0
onDownload	Click the method to download the file,	function(file): void	(Jump to new TAB)	

	pass the method to perform the method logic, do not pass the default jump to the new TAB			
onPreview	A callback function, will be executed when file link or preview icon is clicked	function(file)	-	
onRemove	A callback function, will be executed when removing file button is clicked, remove event will be prevented when return value is false or a Promise which resolve(false) or reject	function(file): boolean   Promise	-	

## UploadFile

Extends File with additional props.

Property	Description	Type	Default
name	File name	string	-
percent	Upload progress percent	number	-
status	Upload status. Show different style when configured	error   success   done   uploading   removed	-
thumbUrl	Thumb image url	string	-
uid	unique id. Will auto generate when not provided	string	-
url	Download url	string	-

## onChange

*The function will be called when uploading is in progress, completed or failed.*

When uploading state change, it returns:

```
{
  file: { /* ... */ },
  fileList: [ /* ... */ ],
  event: { /* ... */ },
}
```

1. `file` File object for the current operation.

```
{
  uid: 'uid',          // unique identifier, negative is recommend, to prevent
                        // interference with internal generated id
  name: 'xx.png',      // file name
  status: 'done',      // options: uploading, done, error, removed. Intercepted
                        // file by beforeUpload don't have status field.
  response: '{"status": "success"}', // response from server
  linkProps: '{"download": "image"}', // additional html props of file link
  xhr: 'XMLHttpRequest{ ... }', // XMLHttpRequest Header
}
```

2. `fileList` current list of files
3. `event` response from server, including uploading progress, supported by advanced browsers.

## FAQ

### How do I implement upload server side?

- You can consult [jQuery-File-Upload](#) about how to implement server side upload interface.
- There is a mock example of [express](#) in rc-upload.

### I want to display download links.

Please set property `url` of each item in `fileList` to control content of link.

### How to use `customRequest` ?

See <https://github.com/react-component/upload#customrequest>.

### Why will the `fileList` that's in control not trigger `onChange` `status` update when the file is not in the list?

`onChange` will only trigger when the file is in the list, it will ignore any events removed from the list. Please note that there does exist a bug which makes an event still trigger even when the file is not in the list before `4.13.0`.

### Why does `onChange` sometimes return File object and other times return `{ originFileObj: File }`?

For compatible case, we return File object when `beforeUpload` return `false`. It will merge to `{ originFileObj: File }` in next major version. Current version is compatible to get origin file by `info.file.originFileObj`. You can change this before major release.