

## Components

React-pdf follows the [React primitives](#) specification, making the learning process very straightforward if you come from another React environment (such as react-native). Additionally, it implements custom Component types that allow you to structure your PDF document.

### Document

This component represents the PDF document itself. It *must* be the root of your tree element structure, and under no circumstances should it be used as child of another react-pdf component. In addition, it should only have children of type `<Page />`.

#### Valid props

Prop name	Description	Type	Default
title	Sets title info on the document's metadata	<i>String</i>	<i>undefined</i>
author	Sets author info on the document's metadata	<i>String</i>	<i>undefined</i>
subject	Sets subject info on the document's metadata	<i>String</i>	<i>undefined</i>
keywords	Sets keywords associated info on the document's metadata	<i>String</i>	<i>undefined</i>
creator	Sets creator info on the document's metadata	<i>String</i>	<i>"react-pdf"</i>
producer	Sets producer info on the document's metadata	<i>String</i>	<i>"react-pdf"</i>
onRender	Callback after document renders. Receives document blob argument in web	<i>Function</i>	<i>undefined</i>

---

### Page

Represents single page inside the PDF documents, or a subset of them if using the wrapping feature. A

`<Document />` can contain as many pages as you want, but ensures not rendering a page inside any component besides Document.

#### Valid props

Prop name	Description	Type	Default
size	Defines page size. If <i>String</i> , must be one of the <a href="#">available page sizes</a> . Height is optional, if omitted it will behave as "auto".	<i>String, Array, Number, Object</i>	<i>"A4"</i>

New react-pdf 2.0 was released. [Read about the announcement →](#)

orientation	Defines page orientation. <i>Valid values: "portrait" or "landscape"</i>	<i>String</i>	<i>"portrait"</i>
wrap	Enables page wrapping for this page. <a href="#">See more</a>	<i>Boolean</i>	<i>true</i>
style	Defines page styles. <a href="#">See more</a>	<i>Object, Array</i>	<i>undefined</i>
debug	Enables debug mode on page bounding box. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>

## View

The most fundamental component for building a UI and is designed to be nested inside other views and can have 0 to many children.

### Valid props

Prop name	Description	Type	Default
wrap	Enable/disable page wrapping for element <a href="#">See more</a>	<i>Boolean</i>	<i>true</i>
style	Defines view styles. <a href="#">See more</a>	<i>Object, Array</i>	<i>undefined</i>
render	Render dynamic content based on context <a href="#">See more</a>	<i>Function</i>	<i>undefined</i>
debug	Enables debug mode on view bounding box. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>
fixed	Render component in all wrapped pages. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>

## Image

A React component for displaying network or local (Node only) JPG or PNG images, as well as base64 encoded image strings.

### Valid props

Prop name	Description	Type	Default
src	Source of the image <a href="#">See Source object</a>	<i>Source object</i>	<i>undefined</i>
source	Alias of <i>src</i> <a href="#">See Source object</a>	<i>Source object</i>	<i>undefined</i>
style	Defines view styles. <a href="#">See more</a>	<i>Object, Array</i>	<i>undefined</i>
debug	Enables debug mode on view bounding box. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>
fixed	Renders component in all wrapped pages. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>

New react-pdf 2.0 was released. [Read about the announcement →](#)

cache	Enables image caching between consecutive renders	<i>Boolean</i>	<i>true</i>
safePath	The safe path from which local images (Node only) can be rendered	<i>String</i>	<i>./public</i>
allowDangerousPaths	Allows local images to be retrieved from paths outside the <i>safePath</i> . <i>Use this at your own risk!</i>	<i>Boolean</i>	<i>false</i>

Node only

## Source object

Defines the source of an image. Can be in any of these four valid forms:

Form type	Description	Example
String	Valid image URL or filesystem path (Node only)	<code>www.react-pdf.org/test.jpg</code>
URL object	Enables to pass extra parameters on how to fetch images	<code>{ uri: valid-url, method: 'GET', headers: {}, body: '' }</code>
Data buffer	Renders buffer image via the <i>data</i> key. It's also recommended to provide the image <i>format</i> so the engine knows how to process it	<code>{ data: Buffer, format: 'png'    'jpg' }</code>
Function	A function that returns (can also return a promise that resolves to) any of the above formats	<code>() =&gt; String    Promise&lt;String&gt;</code>

## Text

A React component for displaying text. Text supports nesting of other Text or Link components to create inline styling.

### Valid props

Prop name	Description	Type	Default
wrap	Enables/disables page wrapping for element <a href="#">See more</a>	<i>Boolean</i>	<i>true</i>
render	Renders dynamic content based on context <a href="#">See more</a>	<i>Function</i>	<i>undefined</i>
style	Defines view styles. <a href="#">See more</a>	<i>Object, Array</i>	<i>undefined</i>
debug	Enables debug mode on view bounding box. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>
fixed	Renders component in all wrapped pages. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>
hyphenationCallback	Specifies how much hyphenated breaks should be avoided	<i>Integer</i>	<i>600</i>

## Link

A React component for displaying an hyperlink. Link's can be nested inside a Text component, or being inside any other valid primitive.

### Valid props

Prop name	Description	Type	Default
src	Valid URL	<i>String</i>	<i>undefined</i>
wrap	Enable/disable page wrapping for element <a href="#">See more</a>	<i>Boolean</i>	<i>true</i>
style	Defines view styles. <a href="#">See more</a>	<i>Object, Array</i>	<i>undefined</i>
debug	Enables debug mode on view bounding box. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>
fixed	Render component in all wrapped pages. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>

---

## Note

A React component for displaying a note annotation inside the document.

### Valid props

Prop name	Description	Type	Default
style	Defines view styles. <a href="#">See more</a>	<i>Object, Array</i>	<i>undefined</i>
children	Note string content	<i>String</i>	<i>undefined</i>
fixed	Renders component in all wrapped pages. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>

---

## Canvas

A React component for freely drawing any content on the page.

### Valid props

Prop name	Description	Type	Default
style	Defines view styles. <a href="#">See more</a>	<i>Object, Array</i>	<i>undefined</i>
paint	Painter function	<i>Function</i>	<i>undefined</i>

New react-pdf 2.0 was released. [Read about the announcement →](#)

debug	Enables debug mode on view bounding box. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>
fixed	Renders component in all wrapped pages. <a href="#">See more</a>	<i>Boolean</i>	<i>false</i>

React-pdf does not check how much space your drawing takes, so make sure you always define a `width` and `height` on the `style` prop.

### Painter function

Prop used to perform drawings inside the Canvas. It takes 3 arguments:

- `Painter object`: Wrapper around *pdfkit* drawing methods. Use this to draw inside the Canvas
- `availableWidth`: Width of the Canvas element.
- `availableHeight`: Height of the Canvas element.

### Painter object

Wrapper around *pdfkit* methods you can use to draw inside the Canvas. All operations are chainable. For more information about how these methods work, please refer to [pdfkit documentation](#).

Available methods:

- dash
- clip
- save
- path
- fill
- font
- text
- rect
- scale
- moveTo
- lineTo
- stroke
- rotate
- circle
- lineCap

- polygon
- restore
- lineJoin
- fontSize
- fillColor
- lineWidth
- translate
- miterLimit
- strokeColor
- fillOpacity
- roundedRect
- strokeOpacity
- bezierCurveTo
- quadraticCurveTo
- linearGradient
- radialGradient

## PDFViewer Web only

Iframe PDF viewer for client-side generated documents.

### Valid props

Prop name	Description	Type	Default
style	Defines iframe styles	<i>Object, Array</i>	<i>undefined</i>
className	Defines iframe class name	<i>String</i>	<i>undefined</i>
children	PDF document implementation	<i>Document</i>	<i>undefined</i>
width	Width of embedded PDF iframe	<i>String, Number</i>	<i>undefined</i>
height	Height of embedded PDF iframe	<i>String, Number</i>	<i>undefined</i>

Other props are passed through to the iframe.

New react-pdf 2.0 was released. [Read about the announcement →](#)

## PDFDownloadLink Web only

Anchor tag to enable generate and download PDF documents on the fly. Refer to [on the fly rendering](#) for more information.

### Valid props

Prop name	Description	Type	Default
document	PDF document implementation	<i>Document</i>	<i>undefined</i>
fileName	Download PDF file name	<i>String</i>	<i>undefined</i>
style	Defines anchor tag styles	<i>Object, Array</i>	<i>undefined</i>
className	Defines anchor tag class name	<i>String</i>	<i>undefined</i>
children	Anchor tag content	<i>DOM node, Function</i>	<i>undefined</i>

---

## BlobProvider Web only

Easy and declarative way of getting document's blob data without showing it on screen. Refer to [on the fly rendering](#) for more information.

### Valid props

Prop name	Description	Type	Default
document	PDF document implementation	<i>Document</i>	<i>undefined</i>
children	Render prop with blob, url, error and loading state as arguments	<i>Function</i>	<i>undefined</i>

---

[← Rendering process](#)

[Styling →](#)