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# react-to-print

2.5.0 • Public • Published 3 days ago

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1 Dependency

62 Dependents

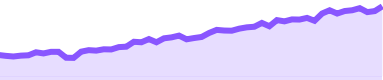
43 Versions

## install

```
> npm i react-to-print
```

weekly downloads

44.636



version

2.5.0

license

MIT

open issues

13

pull requests

1

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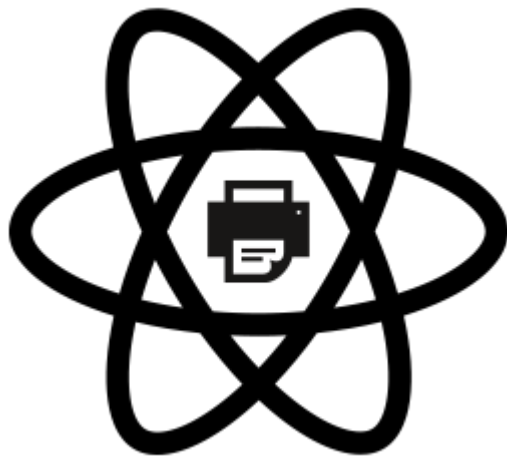
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# ReactToPrint - Print React components in the browser

build passing

downloads 1.3M

dependencies up to date

npm package 2.5.0

So you've created a React component but would love to give end users the ability to print out the contents of that component. This package aims to solve that by popping up a new print window with CSS styles copied over as well.

## Install

```
npm install --save react-to-print
```

# Demo



## Example

### Calling from class components

```
import React from 'react';
import ReactToPrint from 'react-to-print';

class ComponentToPrint extends React.Component {
  render() {
    return (
      <table>
        <thead>
          <th>column 1</th>
          <th>column 2</th>
          <th>column 3</th>
        </thead>
        <tbody>
          <tr>
            <td>data 1</td>
            <td>data 2</td>
            <td>data 3</td>
          </tr>
          <tr>
            <td>data 1</td>
            <td>data 2</td>
            <td>data 3</td>
          </tr>
          <tr>
            <td>data 1</td>
            <td>data 2</td>
          </tr>
        </tbody>
      </table>
    );
  }
}
```

```

        <td>data 3</td>
      </tr>
    </tbody>
  </table>
);
}
}

class Example extends React.Component {
  render() {
    return (
      <div>
        <ReactToPrint
          trigger={() => <a href="#">Print this out!</a>}
          content={() => this.componentRef}
        />
        <ComponentToPrint ref={el => (this.componentRef = el)} />
      </div>
    );
  }
}

```

### Calling from functional components with hooks

```

import React, { useRef } from 'react';
import ReactToPrint from 'react-to-print';

class ComponentToPrint extends React.Component {
  render() {
    return (
      <table>
        <thead>
          <th>column 1</th>
          <th>column 2</th>
          <th>column 3</th>

```

```
    </thead>
    <tbody>
      <tr>
        <td>data 1</td>
        <td>data 2</td>
        <td>data 3</td>
      </tr>
      <tr>
        <td>data 1</td>
        <td>data 2</td>
        <td>data 3</td>
      </tr>
      <tr>
        <td>data 1</td>
        <td>data 2</td>
        <td>data 3</td>
      </tr>
    </tbody>
  </table>
);
}
}

const Example = () => {
  const componentRef = useRef();
  return (
    <div>
      <ReactToPrint
        trigger={() => <button>Print this out!</button>}
        content={() => componentRef.current}
      />
      <ComponentToPrint ref={componentRef} />
    </div>
  );
};
```

## Running locally

*NOTE:* Node ^8.6 is required to build the library locally. We use Node ^10 for our CLI checks.

## API

### <ReactToPrint />

The component accepts the following props (note: `?` denotes an optional prop):

Name	Type	Description
<code>trigger</code>	<code>function</code>	A function that returns a React Component or HTML element
<code>content</code>	<code>function</code>	A function that returns a component reference value. The content of this refere
<code>copyStyles</code>	<code>boolean?</code>	Copy all <code>&lt;style&gt;</code> and <code>&lt;link type="stylesheet" /&gt;</code> tags from <code>&lt;hea</code>
<code>onBeforeGetContent</code>	<code>function?</code>	Callback function that triggers before the library gathers the page's content. Eit
<code>onBeforePrint</code>	<code>function?</code>	Callback function that triggers before print. Either returns void or a Promise. No
<code>onAfterPrint</code>	<code>function?</code>	Callback function that triggers after print
<code>onPrintError</code>	<code>function(errorLocation: string, error: Error)?</code>	Callback function that will be called if there is a printing error serious enough th
<code>removeAfterPrint</code>	<code>boolean?</code>	Remove the print iframe after action. Defaults to <code>false</code> .
<code>pageStyle</code>	<code>string?</code>	Override default print window styling
<code>bodyClass</code>	<code>string?</code>	Class to pass to the print window body

## FAQ

### Why does `react-to-print` skip `<link rel="stylesheet" href="">` tags?

`<link>` s with empty `href` attributes are **INVALID HTML**. In addition, they can cause all sorts of **undesirable behavior**. For example, many browsers - including modern ones, when presented with `<link href="">` will attempt to load the current page. Some even attempt to load the current page's parent directory.

## How do you make `ComponentToPrint` show only while printing?

If you've created a component that is intended only for printing and should not render in the parent component, wrap that component in a `div` with style set to `{ display: "none" }`, like so:

```
<div style={{ display: "none" }}><ComponentToPrint ref={componentRef} /></div>
```

This will hide `ComponentToPrint` but keep it in the DOM so that it can be copied for printing.

### Keywords

[react](#) [print](#) [reactjs](#) [react-to-print](#)



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