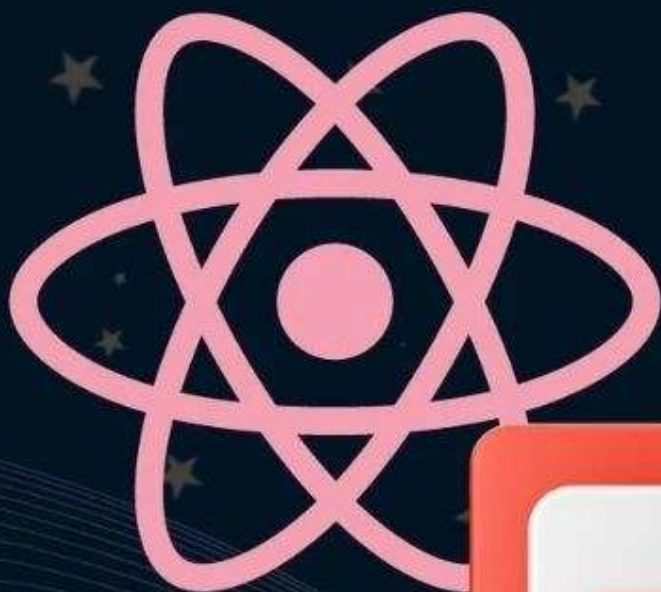




@pyplane_code

React PDF



get started

First let's create a react project and run:

- *npm install react-pdf*
- *npm install react-icons*

We are installing react-icons for the navigation buttons. Next let's take a look at what we need to add to the existing folder structure

```

✓ assets
  |
  | sample.pdf
  |
  ✓ components
    |
    | JS pdf-viewer.js
```

functions

Below are the functions which will help us load pages of a pdf and change them on a button click



```
const [numPages, setNumPages] = useState(null);
const [pageNumber, setPageNumber] = useState(1);

const onDocumentLoadSuccess = ({ numPages }) => {
  setNumPages(numPages);
}

const handleNextPage = () => {
  if (pageNumber < numPages) {
    setPageNumber(prevState => prevState + 1)
  }
}

const handlePreviousPage = () => {
  if (pageNumber > 1) {
    setPageNumber(prevState => prevState - 1)
  }
}
```


pdf-viewer.js

Below is the full code for the pdf-viewer component



```
import React, { useState, useRef } from 'react';
import { Document, Page } from 'react-pdf/dist/esm/entry.webpack'
import { GrNext, GrPrevious } from 'react-icons/gr'

const PdfViewer = ({pdf}) => {
  const [numPages, setNumPages] = useState(null);
  const [pageNumber, setPageNumber] = useState(1);
  const divRef = useRef()

  const onDocumentLoadSuccess = ({ numPages }) => {
    setNumPages(numPages);
  }

  const handleNextPage = () => {
    if (pageNumber < numPages) {
      setPageNumber(prevState=> prevState + 1)
    }
  }

  const handlePreviousPage = () => {
    if (pageNumber > 1) {
      setPageNumber(prevState=> prevState -1)
    }
  }

  return (
    <div ref={divRef}>
      <div>{pageNumber} / {numPages}</div>
      <div style={{margin:"10px 0"}}>
        {pageNumber > 1 && <button onClick={handlePreviousPage}><GrPrevious /></button>}
        {pageNumber < numPages && <button onClick={handleNextPage}><GrNext /></button>}
      </div>
      <div style={{display:'flex', justifyContent:'center'}}>
        <Document file={pdf} onLoadSuccess={onDocumentLoadSuccess} >
          <Page pageNumber={pageNumber} width={divRef.current?.clientWidth * 0.95}/>
        </Document>
      </div>
    </div>
  );
}

export default PdfViewer;
```

App.js

Add pdf-viewer component to App.js and pass your pdf file as a prop

```
import './App.css';
import PdfViewer from './components/pdf-viewer';
import samplePdf from './assets/sample.pdf'

function App() {
  return (
    <div className="App">
      <PdfViewer pdf={samplePdf} />
    </div>
  );
}

export default App;
```