

PDF Viewer

Easy-to-use PDF Viewer library written in vanilla typescript based on the core pdf library [pdfjs](#).

Purposes of this library

The core library [pdfjs](#) currently offers the [web pdf viewer](#) as an example and need to copy/paste the files in order to integrate pdf viewer in your project. It is also said that

However, we do ask if you plan to embed the viewer in your own site, that it not just be an unmodified version. Please re-skin it or build upon it.

Thus, I implemented this package because

- save the copy/paste time
- construct the container and load pdf using url. No need to specify button container or overlay container etc.
- add/remove buttons such as download, preview thumbnails, etc.

Usage

Basic

- Specify the pdf container

```
<div id="pdf">  
</div>
```

- Import the css file and construct the `PDFViewer` class

```
import 'pdf-viewer/dist/build.css';  
import PDFViewer from 'pdf-viewer';  
  
let pdfViewer = new PDFViewer(document.getElementById('pdf'))
```

- Load the pdf

```
pdfViewer.init('/test.pdf');
```

Adding/Removing buttons

- **Removing default buttons**

You can remove default buttons by using `setButtons` method.

```
// remove all default buttons
pdfViewer.setButtons([]);

//or replace button
import {SearchButton} from 'pdf-viewer';

pdfViewer.setButtons([new SearchButton]);
```

- **Adding pre-defined buttons**

You can add buttons by using `addButton` method.

```
import {DownloadButton} from 'pdf-viewer';

pdfViewer.addButton(new DownloadButton);
```

- **Creating custom button**

You need to implement `Button` interface in order to create custom button.

```
// custom-button.ts
import {Button} from 'pdf-viewer';

export class CustomButton implements Button {
  build(data): HTMLElement | null {

  }

  onClick(data) {

  }

  position(): string {
```

```
    } // either left, center, right;

    reset() {

    }
}
```

As you can see `data` variable is passed to `build` method and `onClick` method. That `data` variable is an object consisting of

- `pdfDocument`: `pdfjsLib.PDFDocumentProxy`,
- `buttonsContainer`: `HTMLDivElement`,
- `pdfContainer`: `HTMLDivElement`,
- `mainContainer`: `HTMLDivElement`,
- `bodyContainer`: `HTMLDivElement`,
- `eventBus`: `pdfjsViewer.EventBus`,
- `pdfLinkService`: `pdfjsViewer.PDFLinkService`,
- `pdfFindController`: `pdfjsViewer.PDFFindController`,
- `pdfScriptingManager`: `pdfjsViewer.PDFScriptingManager`,
- `pdfViewer`: `pdfjsViewer.PDFViewer`,
- `url`: `string`,

Credits

The icons used in this library are from lucid.dev.