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

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