How can I show a pdf from pdf url in an iframe in angular. currently pdf is getting download instead of rendering in iframe

Asked 1 year, 1 month ago   Modified 1 year, 1 month ago   Viewed 1k times

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I have an api response which contains the amazon aws pdf link. Whenever I try to render that pdf in an iframe it gets downloaded and nothing renders inside the iframe. I don't want to use any external library like ng2-pdf-viewer.

Here is my code snippet.

```
<iframe [src]="pdfPreviewURL" type="application/pdf"></iframe>
```

Here pdfPreviewURL is the response pdf aws pdf file link.

Thanks in advance. All suggestions are welcomed.

`angular`

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edited Nov 15, 2022 at 10:42
👤 K J
9,143 ● 3 ● 15 ● 39

asked Nov 15, 2022 at 10:04
👤 Arya Chauhan
1 ● 2

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use the `DomSanitizer` stackoverflow.com/questions/38037760/… – W.S. Nov 15, 2022 at 10:49

Seen the previous comments, it will be related to the `Content-Disposition` metadata. Make sure you set `ContentDisposition` to `inline` to get a view url instead of a download url (see: stackoverflow.com/questions/46690640/… and docs.aws.amazon.com/AmazonS3/latest/userguide/…) – W.S. Nov 15, 2022 at 14:03

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2 Answers

Sorted by: Highest score (default) ⇕

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Of course you can. You can just set the `src` attribute of the `iframe` to the expected URL:

```
<iframe src="myPDFrelatedURL"></iframe>
```

This will render the PDF inside the iframe instead of opening it in a separate tab or downloading it.

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answered Nov 15, 2022 at 10:38

Fabian Strathaus

3,257 ● 1 ● 5 ● 26

Thanks Fabian Strathaus, but pdf is still downloading instead of rendering in iframe. However, If I open the pdf url in new tab, the pdf is getting download again and does not render on web browser.
— Arya Chauhan Nov 15, 2022 at 12:23

Can you try a different browser or provide a reproducible stackblitz example? I am not able to reproduce this. — Fabian Strathaus Nov 15, 2022 at 12:26

I think its working. **TS**

```
import { Component } from '@angular/core';
import { DomSanitizer, SafeResourceUrl } from '@angular/platform-browser';
export class HTMLComponent  {

  url: string = "YOUR PDF LINK";
  urlSafe: SafeResourceUrl;

  constructor(public sanitizer: DomSanitizer) { }
  ngOnInit() {
    this.urlSafe= this.sanitizer.bypassSecurityTrustResourceUrl(this.url);
  }
}
```

Html:

```
<iframe width="100%" height="100%" frameBorder="0" [src]="urlSafe"></iframe>
```

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answered Nov 15, 2022 at 11:26

Vendhan

1 ● 1

Thanks Vendhan,I used your suggested code but pdf is still downloading instead of rendering in iframe. However, If I open the pdf url in new tab, the pdf is getting download again and does not render on web browser. — Arya Chauhan Nov 15, 2022 at 12:24

I am receiving `changingThisBreaksApplicationSecurity` key with value as my pdfUrl when pdfUrl is passed through `this.sanitizer.bypassSecurityTrustResourceUrl` function and on UI pdf is getting download without rendering in iframe. — Arya Chauhan Nov 15, 2022 at 12:47