

Enhancing Oracle APEX with Inline PDF Viewing :

Step 1:

- Create a Classic Report or an Interactive Report.
- Add the following SQL query:

```
SELECT FILE_ID, FILE_NAME, FILE_ID AS VIEW_PDF  
FROM FILES  
WHERE MIME_TYPE = 'application/pdf';
```

Step 2:

- Add the following HTML code in the VIEW_PDF column:

```
<a href="javascript:void(0);" data-id="#FILE_ID#"  
onclick="redirectToPage24(this.getAttribute('data-id')); return  
false;">  
    <span class="fa fa-eye fa-1x" style="color: mustard; font-weight:  
bold;" aria-hidden="true"></span>  
</a>
```

Step 3:

- In the Function and Global Variable Declaration, add the following JavaScript function:

```
function redirectToPage24(fileId) {  
    if (fileId) {  
        // Construct the URL with the required parameters  
        let targetUrl =  
'f?p=&APP_ID.:24:&APP_SESSION.::&DEBUG.::FILE_ID:' +  
fileId;  
  
        // Redirect to the constructed URL  
        window.location.href = targetUrl;  
    } else {  
        console.error("Invalid File ID");  
    }  
}
```

Step 4:

- Create another page to view the PDF.

Step 5:

- Create a Region on the DF View Page with the following settings:
Region Type: URL
- Attributes Section:
URL: `f?p=&APP_ID.:0:&SESSION.:APPLICATION_PRO
CESS=VIEWPDF:NO`
Inclusion Mode: IFrame
IFrame Attributes: style="width:900px; height:900px"

Step 6:

- Create an Application Process named VIEWPDF.
Process Point: Ajax Callback – Run this application process
when requested by a page process.
- Add the following PL/SQL code:

BEGIN

-- Initialize HTTP Response

sys.http.init;

**FOR file IN (SELECT file_name, mime_type, uploaded_file
FROM FILES WHERE file_id = :FILE_ID) LOOP**

-- Set HTTP Headers

sys.owa_util.mime_header(file.mime_type, FALSE);

**sys.http.p('Content-Disposition: inline; filename="' ||
file.file_name || '');**

sys.http.p('Content-Length: ' ||

sys.dbms_lob.getlength(file.uploaded_file));

**sys.http.p('Cache-Control: max-age=3600'); -- Cache for an
hour**

sys.owa_util.http_header_close;

sys.wpg_docload.download_file(file.uploaded_file);

apex_application.stop_apex_engine;

END LOOP;

END;

Screenshot:

