🔒 Display pdf in streamlit

pdf-viewer

Odrec   **Feb 2024**

I'm using this simple code to try to display a pdf using from **streamlit_pdf_viewer**:

```
from streamlit_pdf_viewer import pdf_viewer


container_pdf, container_chat = st.columns([50, 50])


with container_pdf:
    pdf_file = st.file_uploader("Upload PDF file", type=

    if pdf_file:
        binary_data = pdf_file.getvalue()
        pdf_viewer(input=binary_data,
                   width=700)
```

But when I upload a pdf I get this error on the browser (not on my IDE):

Component Error

Message: TypeError: Cannot read properties of null
(reading 'length')

I thought it was some badly formed PDF so I tried it on the app they provide here: **https://structure-vision.streamlit.app/**

and strangely enough it loads my PDF with no issues.

So I looked into the code for this app here: **GitHub - lfoppiano/structure-vision: Viewer for the structure extracted by Grobid on PDF documents**

And I don't see anything too different on how they read and display the PDF apart from the annotation stuff so what is happening? Can someone try this and tell me if it's working for them?

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ferdy Streamlit Community Moderator   **Feb 2024**

> Odrec:
>
> ```
> with container_pdf:
>     pdf_file = st.file_uploader("Upload PDF file", ty
>
>     if pdf_file:
> ```
> ◀ ░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░   ▶

The pdf_file might be lost as you navigate to other pages or some reruns. It is better to store it in session state.

```
from streamlit import session_state as ss

# Declare variable.
if 'pdf_ref' not in ss:
    ss.pdf_ref = None
```

Upload the file and save the uploaded file reference in the session variable.

```
# Access the uploaded ref via a key.
st.file_uploader("Upload PDF file", type=('pdf'), key='p

if ss.pdf:
    ss.pdf_ref = ss.pdf   # backup
```
◀ ░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░   ▶

Use the saved pdf_ref.

```
# Now you can access "pdf_ref" anywhere in your app.
if ss.pdf_ref:
    binary_data = ss.pdf_ref.getvalue()
    pdf_viewer(input=binary_data, width=700)
```

Complete sample code.

```
from streamlit import session_state as ss
from streamlit_pdf_viewer import pdf_viewer
```

Skip to main content *ire variable.*
```
if 'pdf_ref' not in ss:
```

```
        ss.pdf_ref = None


    # Access the uploaded ref via a key.
    st.file_uploader("Upload PDF file", type=('pdf'), key='p

    if ss.pdf:
        ss.pdf_ref = ss.pdf  # backup

    # Now you can access "pdf_ref" anywhere in your app.
    if ss.pdf_ref:
        binary_data = ss.pdf_ref.getvalue()
        pdf_viewer(input=binary_data, width=700)
```

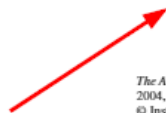So even if the pdf filename is no longer visible, the pdf is still viewable.

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MM ALGORITHMS FOR GENERALIZED BRADLEY–TERRY MODELS

BY DAVID R. HUNTER

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The Bradley–Terry model for paired comparisons is a simple and much-studied means to describe the probabilities of the possible outcomes when individuals are judged against one another in pairs. Among the many studies of the model in the past 75 years, numerous authors have generalized it in several directions, sometimes providing iterative algorithms for obtaining maximum likelihood estimates for the generalizations. Building on a theory of algorithms known by the initials MM, for minorization–maximization, this paper presents a powerful technique for producing iterative maximum likelihood estimation algorithms for a wide class of generalizations of the Bradley–Terry model. While algorithms for problems of this type have tended to be custom-built in the literature, the techniques in this paper enable their mass production. Simple conditions are stated that guarantee that each algorithm described will produce a sequence that converges to the unique maximum likelihood estimator. Several of the algorithms and convergence results herein are new.

1. Introduction. In a situation in which the individuals in a gro repeatedly compared with one another in pairs, Bradley and Terry suggested the model

Reference

File Uploader

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Odrec   **Feb 2024**

Thanks for the answer! It was a bug, I reported it and is now fixed in the latest version. Now it is working for me.

> ### Component Error message on browser when trying to display a pdf
>
> ⚠
>
> bug   implemented
>
> opened 🌐 Feb 13, 2024   closed 🌐 Feb 14, 2024
>
> ⬛ **Odrec**
>
> ```
> I'm getting this error on my browser when trying
> to display a pdf (any)
>
> ```
> ...

Closed on Aug 13, 2024

This topic was automatically closed 180 days after the last reply. New replies are no longer allowed.

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