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Zooming Feature In TkPdfViewer

Feature is implemented using https://stackoverflow.com/questions/70663492/how-to-make-zoom-in-pdf-viewer-with-python-tkinter-and-tkpdfviewer

In order to manage the zooming with tkPDFViewer module, I have downloaded the source code [here](https://github.com/Roshanpaswan/tkPDFViewer), then I modified the pdf\_view function adding a zooming parameter that I called zoomDPI, setting its default value of 72dpi:

**def pdf\_view(self,master,width=1200,height=600,pdf\_location="",bar=True,load="after",zoomDPI=72):**

Thereafter, the new input parameter is used to modify the method getPixmap() inside the function add\_img(). Inside this function I modified the following line inserting the new input parameter which govern the resolution of the image and thus the zooming level:

pix = page.getPixmap(dpi=zoomDPI)

Finally, inside the main code, when calling the pdf\_view method I can adjust the image level by giving in input a dpi value higher of 72 in order to increase the zoom level (zooming in), or a lower value in order to decrease the zoom level (zooming out).

if v2: # if old instance exists, destroy it first

v2.destroy()

# creating object of ShowPdf from tkPDFViewer.

v1 = pdf.ShowPdf()

# clear the image list # this corrects the bug inside tkPDFViewer module

v1.img\_object\_li.clear()

# Adding pdf location and width and height.

v2=v1.pdf\_view(frame2,pdf\_location = f"{value}",zoomDPI=zoomDPI) # default value for zoomDPI=72. Set higher dpi for zoom in, lower dpi for zoom out

# Placing Pdf inside gui

v2.pack()

The new complete code can be found [here](https://github.com/marco-rosso-m/GUI_simplePDFviewer).