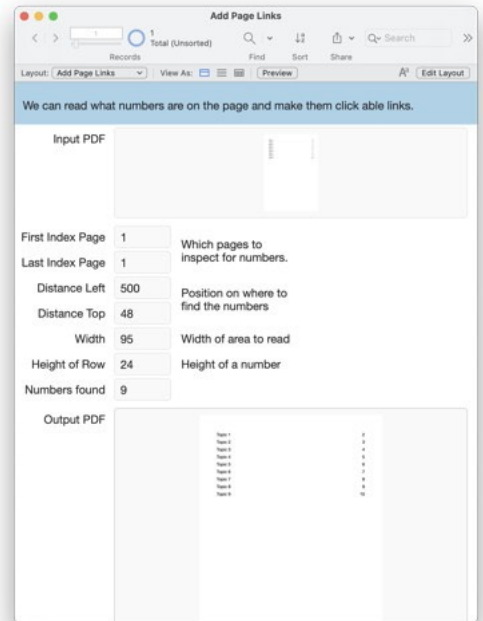


Add page links for FileMaker

Recently a client asked how to make existing index pages clickable in a PDF document. They have existing documents in FileMaker and like to customize them with our [DynaPDF](#) functions.

One part of the customization is to make some texts clickable. I recently proposed them to use [DynaPDF.ExtractText](#) to read the page number and then use [DynaPDF.PageLink](#) function to make the page. To know the distance, the layout has fields to enter where to find the numbers on the right side of the index page. Our loop runs from bottom to top of the page, checks every box for text and if there is a text, we make a link for that page.



Here is the script:

```
# Initialize DynaPDF if needed
If [ MBS("DynaPDF.IsInitialized") ≠ 1 ]
    Perform Script [ Specified: From list ; "InitDynaPDF" ; Parameter: ]
End If
#
# Clear current PDF document
Set Variable [ $pdf ; Value: MBS("DynaPDF.New") ]
#
# optionally we can merge to external file
If [ False ]
    Set Variable [ $destPath; Value: MBS("Folders.UserDesktop") & "/
test.pdf" ]
    Set Variable [ $r ; Value: MBS("DynaPDF.OpenOutputFile"; $pdf;
$destPath) ]
    If [ MBS("IsError") ]
        Show Custom Dialog [ "Failed to create PDF file." ; $r ]
        Exit Script [ Text Result: ]
    End If
End If
#
# Merge files
```

```

Set Variable [ $r ; Value: MBS("DynaPDF.OpenPDFFromContainer"; $pdf; Add
Page Links::Input PDF) ]
If [ MBS("IsError") ]
    Show Custom Dialog [ "Failed to open PDF." ; $r ]
    Exit Script [ Text Result: ]
End If
#
# check if we have pages to import
Set Variable [ $r ; Value: MBS("DynaPDF.ImportPDFFile"; $pdf) ]
If [ MBS("IsError") ]
    Show Custom Dialog [ "Failed to import PDF." ; $r ]
    Exit Script [ Text Result: ]
End If
#
# now add page numbers
Set Variable [ $Found ; Value: 0 ]
Set Variable [ $page ; Value: Add Page Links::First Index Page ]
Loop
    # edit page
    #
    Set Variable [ $r ; Value: MBS("DynaPDF.EditPage"; $pdf; $page) ]
    If [ MBS("IsError") = 0 ]
        Set Variable [ $pageHeight ; Value:
MBS( "DynaPDF.GetPageHeight"; $PDF ) ]
        Set Variable [ $pageWidth ; Value: MBS( "DynaPDF.GetPageWidth";
$PDF ) ]
        Set Variable [ $x ; Value: Add Page Links::Distance Left ]
        Set Variable [ $y ; Value: Add Page Links::Distance Top ]
        Set Variable [ $rowHeight ; Value: Add Page Links::Height of
Row ]
        Loop
            # look for number
            Set Variable [ $text ; Value: MBS( "DynaPDF.ExtractText";
$pdf; $page; ""; $x; $y; $x + Add Page Links::Width; $y + $rowHeight-5) ]
            If [ Length ( Trim ($text) ) > 0 ]
                # we found some text
                If [ 0 ]

```

```

        # Optionally, show text we found
        Set Variable [ $r ; Value:
MBS( "DynaPDF.SetFont"; $pdf; "Helvetica"; ""; 20) ]
        Set Variable [ $r ; Value:
MBS( "DynaPDF.WriteText"; $pdf; $x-100; $y; $text ) ]
        End If
        #
        If [ 0 ]
            # Optionally, draw some red boxes where we
read text
            Set Variable [ $r ; Value:
MBS( "DynaPDF.SetFillColor"; $pdf; Random; 0; 0) ]
            Set Variable [ $r ; Value:
MBS( "DynaPDF.SetStrokeColor"; $pdf; Random; 0; 0) ]
            Set Variable [ $r ; Value:
MBS( "DynaPDF.Rectangle"; $pdf; $x; $y; Add Page Links::Width; $rowHeight;
"stroke" ) ]
            End If
            #
            # add page link for the area we found
            Set Variable [ $r ; Value: MBS( "DynaPDF.PageLink";
$pdf; 0; $y; $pageWidth; $rowHeight; $text ) ]
            Set Variable [ $Found ; Value: $Found + 1 ]
        End If
        #
        # next
        Set Variable [ $y ; Value: $y + $rowHeight ]
        Exit Loop If [ $y > $pageHeight ]
    End Loop
End If
#
# next
Set Variable [ $page ; Value: $page + 1 ]
Exit Loop If [ $page > Add Page Links::Last Index Page ]
End Loop
#
Set Field [ Add Page Links::Numbers found ; $Found ]
# to debug, you can disable compression and open PDF in text editor

```

```
// Set Variable [ $r ; Value: MBS(DynaPDF.SetCompressionLevel"; $pdf; 0) ]  
#  
# show final PDF  
Set Field [ Add Page Links::Output PDF ; MBS(DynaPDF.Save"; $pdf;  
"Merged.pdf") ]  
Set Variable [ $r ; Value: MBS(DynaPDF.Release"; $pdf) ]  
#  
Export Field Contents [ Add Page Links::Output PDF ; "test.pdf" ;  
Automatically open ; Create folders: Off ]
```

Let us know if you have questions. The example file will be added for the next pre-release, so you can easier copy the script.