

Merge PDF with table of contents

We got a new example database to show how to merge PDFs. One of the feature beside adding page numbers is to build a table of contents for the document with clickable entries:

First document
Another document
Terms of Service

2
3
5

DynaPDF 4.0

```
Set Variable [ $pdf ; Value: MBS("DynaPDF.New") ]
#
# create dummy page for table
Set Variable [ $r ; Value: MBS("DynaPDF.AppendPage";
$pdf) ]
Set Variable [ $r ; Value: MBS("DynaPDF.EndPage"; $pdf) ]
#
# create table for index
Set Variable [ $r ; Value: MBS("DynaPDF.SetPageCoords";
$pdf; "TopDown") ]
Set Variable [ $table ; Value: MBS("DynaPDF.Table.Create"; $pdf; 10; 2; 500; 20) ]
#
Set Variable [ $r ; Value: MBS("DynaPDF.Table.SetFont"; $table; -1; -1; "Helvetica"; 0; 1;
"unicode") ]
Set Variable [ $r ; Value: MBS("DynaPDF.Table.SetFontSize"; $table; -1; -1; 14) ]
Set Variable [ $r ; Value: MBS("DynaPDF.Table.SetColWidth"; $table; 0; 450; 1 ) ]
Set Variable [ $r ; Value: MBS("DynaPDF.Table.SetColWidth"; $table; 1; 50;1 ) ]
#
# Build Table Of Contents
Go to Record/Request/Page [ First ]
Set Variable [ $destPage ; Value: 2 ]
Loop
#
# open PDF
If [ not IsEmpty ( Merge PDFs::InputPDF ) ]
Set Variable [ $r ; Value: MBS("DynaPDF.OpenPDFFromContainer"; $pdf;
Merge PDFs::InputPDF) ]
If [ MBS("IsError") ]
Show Custom Dialog [ "Failed to open PDF." ; $r ]
Exit Script [ Text Result: ]
End If
Else If [ not IsEmpty ( Merge PDFs::InputPath ) ]
Set Variable [ $r ; Value: MBS("DynaPDF.OpenPDFFromFile"; $pdf; Merge
PDFs::InputPath) ]
If [ MBS("IsError") ]
Show Custom Dialog [ "Failed to open PDF." ; $r ]
Exit Script [ Text Result: ]
End If
Else
# no PDF?
End If
#
```

1 of 8

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# check if we have pages to import
Set Variable [ $pageCount ; Value: MBS( "DynaPDF.GetImportPageCount";
$PDF ) ]
If [ $pageCount > 0 ]
    Set Variable [ $lastPage ; Value: MBS("DynaPDF.ImportPDFFile"; $pdf;
$destpage) ]
    If [ GetAsNumber\(\$lastPage\) >0 ]
        #
        # put in a named destination for this new page
        Set Variable [ $NamedDest ; Value: "Record" & Get(RecordID) ]
        Set Variable [ $NamedDestHandle ; Value:
MBS( "DynaPDF.CreateNamedDest"; $PDF; $NamedDest; $DestPage; "Fit") ]
        # add table entry
        Set Variable [ $rowNum ; Value: MBS("DynaPDF.Table.AddRow";
$stable) ]
        Set Variable [ $r ; Value: MBS("DynaPDF.Table.SetCellText"; $stable;
$rowNum; 0; "left"; "top"; Merge PDFs::InputName) ]
        Set Variable [ $r ; Value: MBS("DynaPDF.Table.SetCellText"; $stable;
$rowNum; 1; "right"; "top"; $destPage) ]
        # add click action
        Set Variable [ $Action ; Value: MBS( "DynaPDF.CreateGoToActionEx";
$PDF; $NamedDestHandle) ]
        Set Variable [ $r ; Value: MBS( "DynaPDF.Table.SetCellAction";
$Table; $rowNum; 0; $action; "Invert" ) ]
        Set Variable [ $r ; Value: MBS( "DynaPDF.Table.SetCellAction";
$Table; $rowNum; 1; $action; "Invert" ) ]
        #
        Set Variable [ $destPage ; Value: $lastPage + 1 ]
    End If
End If
#
# optionally close import files
Set Variable [ $r ; Value: MBS("DynaPDF.CloseImportFile"; $pdf) ]
#
# next file
Go to Record/Request/Page [ Next ; Exit after last: On ]
End Loop
#
# Draw Table
Set Variable [ $r ; Value: MBS("DynaPDF.EditPage"; $pdf; 1) ]
Set Variable [ $r ; Value: MBS("DynaPDF.Table.Draw"; $stable; 50; 50; 742) ]
Set Variable [ $r ; Value: MBS("DynaPDF.EndPage"; $pdf) ]
#
# show final PDF
Set Field [ Merge PDFs::FinalPDF ; MBS("DynaPDF.Save"; $pdf; "Merged.pdf") ]
Set Variable [ $r ; Value: MBS("DynaPDF.Release"; $pdf) ]

```

The example file will be included in the next plugin prerelease. Please do not hesitate to contact us with questions.