

How to Simulate Multiple Page Form Printing with a Script

Description

LLM does not support printing multiple page documents, but applying a script can simulate this behavior to an extent. The following example demonstrates the simulation of multi-page form printing using a script.

How to simulate multi-page form printing using a script

Caution: A large number of pages or number of fields on a label may impact performance, so implement this script with caution and monitor performance.

Create a label with the following fields:

- Script Data Source Field (Script) (non-printing)
- Two Fixed Data Source Fields (linesperpage & **QUANTITY) (non-printing) **Note:** The field name **QUANTITY must be used.
- Three Keyboard Source Fields (page_count, Qty, INC) (INC is non-printing)
- Three Fixed Text/Label fields:
 - First field named Lab01 and set Label Text = 'Pages'
 - Second field named Lab02 and set Label Text = 'of'
 - Third field named Lab03 and set Label Text = 'Below are multiple fields layered one on top of the other'
- Enough Keyboard Data Source fields to accept the maximum number of items to be printed using an incrementing naming scheme. (i.e., Text1, Text2, Text3... Text18, Text19, Text20...)
 - The positioning of these fields is the key to making this work - the fields must be arranged such that fields for the second page exactly overlap the fields for the first page.
 - The script will turn on the proper layer for the page being printed.
- Set the value for the **QUANTITY field to the maximum number of pages that could be printed
- Set the value for the linesperpage field to the number of lines items per page
- Position the page_count and Qty fields with an "of" between them to create the page count. (i.e., 1 of 4, 2 of 4, 3 of 4...)

Sample Label File

[Simulate_multiple_page_sample.lwl](#)

The following sample script demonstrates this concept. You may use this script to get started and alter it to suit your needs.

Sample Script

```
//reset incrementing fields
var inc =
Number(label.fields.field.(@name=='INC').@data)
;
if (inc==" ")
{
label.fields.field.(@name=='INC').@data=0;
}
var page =
Number(label.fields.field.(@name=='page_count')
.@data);
if (page==" ")
```

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Versions

Loftware Label Manager 9.5.3.0 or later

Environment

Supported LPS family product environment using ZPL or PCL printers

```

{
label.fields.field.(@name=='page_count').@data=
0;
}
// Increment page by 1
page+=1;
//check for blank pages and adjust quantity
var lines =
Number(label.fields.field.(@name=='linesperpage
').@data);
var maxpages =
Number(label.fields.field.(@name=='**QUANTITY')
.@data);
var field_count = maxpages*lines;
var textArray=new Array();
for (i=1;i<=field_count;i++)
{
textArray[i]=label.fields.field.(@name=='Text'+
i).@data;
}
var quantity =
label.fields.field.(@name=='**QUANTITY').@data;
var blanks=0;
for (i=1;i<=field_count;i++)
{
if(textArray[i]=="")
{
blanks+=1;
if (i%lines==0 && blanks==lines)
{
quantity-=1;
}
}
if (i%lines==0)
{
blanks=0;
}
}
label.fields.field.(@name=='Qty').@data=quantit
y;
//ensure all fields are set to non-printing
for (i=1;i<=field_count;i++)
{
label.fields.field.(@name=='Text'+i).@printingF
ield=false;
}
//turn on fields for printing page
for (i=1;i<=lines;i++)
{
var fieldvalue = (i*1) +(inc*1);
label.fields.field.(@name=='Text'+fieldvalue).@
printingField=true;
}

```

```
// turn "off" blank pages and cancel page
increment
inc*=1;
blanks=0;
for (i=1;i<=lines;i++)
{
if(textArray[inc+i]=="")
{
blanks+=1;
}
}
if(blanks==lines)
{
label.fields.field.@name=='Lab01').@printingField=false;
label.fields.field.@name=='Lab02').@printingField=false;
label.fields.field.@name=='Lab03').@printingField=false;
label.fields.field.@name=='page_count').@printingField=false;
label.fields.field.@name=='Qty').@printingField=false;
page-=1;
}
else
{
label.fields.field.@name=='Lab01').@printingField=true;
label.fields.field.@name=='Lab02').@printingField=true;
label.fields.field.@name=='Lab03').@printingField=true;
label.fields.field.@name=='page_count').@printingField=true;
label.fields.field.@name=='Qty').@printingField=true;
}
//Increment INC value for next page and output
data to page and INC value so they are carried
to next label
label.fields.field.@name=='page_count').@data=
```

```
page;  
inc+=lines;  
label.fields.field.(@name=='INC').@data=inc;
```

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