

RE: Fixed Length

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.modulesdaovba/2009-02/msg00246.html>

- *From:* dymondjack <dymondjack at hot mail dot com>
 - *Date:* Thu, 5 Feb 2009 13:13:19 -0800
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I'm **assuming** that you don't want to change the actual data in your table to match these formats, but rather pull the existing, normal, formats from the record, and run a function to build that information into a string that you can utilize with whatever barcode label you are working with.

I'm also assuming that this barcode label will be on a report so that it can be printed? If so, you would ideally run the function from the report, as a calculated field on the report.

If you could verify this, and give the datatypes for your fields, I should be able to come up with a function to handle it.

If by chance you were going to update the actual table values to match this desired format, I would strongly advise against it. All fields would have to be Text fields in order for this to work accurately (no matter what method you use), and for a number of other reasons, its generally a bad idea. The barcode output string can be easily handled by two functions, and reading values back from the string can be parsed easily as well, especially due to the fixed lengths, and will require no adverse interference with the core data in your tables.

So, let me know what the datatypes are and we'll go from there.

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Jack Leach
www.tristatemachine.com

- "First, get your information. Then, you can distort it at your leisure."
- Mark Twain

"Ann" wrote:

Thank you for the help. I'm not sure what event this should go on though. I tried a few of them and those that didn't give me errors didn't do anything but update the table with the number I entered. There weren't and leading zeros.

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The only thing I did was to put the JobId after strOrig =

"dymondjack" wrote:

I believe there's a built-in function that can do this for you, but I'm not sure what it is, so I'll offer an alternative way: run a loop until the length of the string is equal to your fixed length, adding a 0 to the beginning of it each time it loops. Note that all fields will need to be string fields to do it, and each field would need a separate loop.

```
Dim strOrig As String
strOrig = 'Your original jobID, RunNumber, etc
```

```
While Len(strOrig) < 8
strOrig = "0" & strOrig
Wend
```

You would have to build them together from there...

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Jack Leach
www.tristatemachine.com

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"Ann" wrote:

I have seven fields in my Table that need to be concatenated to create one field used to create a 2D Barcode. Each of the seven fields has a fixed length and the total length of all the fields has to be 100 characters.

These are the fields:

JobId (8 char)
Date (8 char)
RunNumber (2 char)
RecordNumber (8 char) – the key, starting with 1 and incrementing by 1 for each record.
PageNumber (5 char)
PageCount (5 char)

RE: Fixed Length

Remaining (64 char)

I've done the Date field...that was the easy one...but how do I do the other fields? The data will be entered and each field could use 1 character or all the characters at the time it's entered. I need to have the remaining character spaces fill in with zeros to the left of the data entered? Thanks for the help in advance.