

RE: Converting a fraction to decimal

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- *From:* George R <GeorgeR@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 8 May 2007 14:35:01 -0700
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Thanks Dave,

I wrote the following function and it hung up on the Line: aryAllParts = Split(strNumber, "/") with the message "Cannot assign to array."

Public Function FractionToDecimal(txtFraction As String) As Single
'Set up a variable the Split function can use. So we can separate the
'number and both sides of the fraction into an array:

```
Dim strNumber As String  
Dim aryAllParts(2) As String  
strNumber = Replace(Trim(txtFraction), " ", "/")  
'Create the array:
```

```
aryAllParts = Split(strNumber, "/")
```

```
'Element 0 is the whole number  
'Element 1 is left side of the fraction  
'Element 2 is the right side of the fraction
```

```
'Do the math and put it to the function value  
FractionToDecimal = CSng(CStr(aryAllParts(0)) & Format(aryAllParts(1) /  
aryAllParts(2), "#.0000"))
```

```
End Function
```

I would appreciate your comments on how to fix this even though Fred G has given me another function.

Thaks,

George R.

"Klatuu" wrote:

Let's say we have a text box named txtFraction to put the enter number and fraction in and we want it to show in decimal format in a control named txtDecimal

'Set up a variable the Split function can use. So we can separate the number and bothi sides of the fraction into an array:

```
strNumber = Replace(Trim(Me.txtFraction), " ", "/")
```

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'Create the array:

```
aryAllParts = Split(strNumber, "/")
```

'Element 0 is the whole number

'Element 1 is left side of the fraction

'Element 2 is the right side of the fraction

'Do the math and put it in the txtDecimal Control

```
Me.txtDecimal = cstr(aryAllParts(0)) & format(aryAllParts(1) /  
aryAllParts(2), "#.0000")
```

You can change the formatting to suit yourself, but the leading # in format string is to suppress the 0 that is always on the front of a number less than 1.

If I were doing this, I would write a function that would return the formatted string and call it from txtDecimal's control source

—

Dave Hargis, Microsoft Access MVP

"George R" wrote:

I would like to use an unbound control on an unbound form to specify parameters for a query. I would like the user to enter inches and then fractional inches and then have another text box show the total of those two entries in decimal form. How can I convert an entry such as 1/8 inches to 0.125 inches?

Or, if possible, have the user enter inches and fractions in the same box and convert to decimal, eg: 4 1/2 to 4.500.

Thank you for your consideration.