

Re: IF statement problem !Syntax Error, !

Source:

<http://www.tech-archive.net/Archive/Word/microsoft.public.word.docmanagement/2006-07/msg01050.html>

- *From:* "jlawson" <JoshMLawson@xxxxxxxxxx>
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Have a Root Cert from VeriSign for Macros in Office. I'm stuck using Word because I can lock the form and keep the staff from changing it. They are not too computer savvy so I was trying to make something easy for them to use. When I was experimenting with macros on this form they pitched a fit because a field form was left blank. What would one look like because I just started learning macros a couple of weeks ago?

Cindy M -WordMVP- wrote:

Hi Josh,

Thank you for the reply! I'm using MS Word XP. These are form fields in my document. They are set to number with dollar formats; each form field has a bookmark name list below and set to calculate on exit. The calculation will be just a field. The idea is we call the patient on the phone pre-register them for their hospital visit and give them an estimated quote for services based on the patient's insurance information. We find out how much the patient owes on their deductible, what percentage the insurance company will pay and what the patient out of pocket expense is.

OK, then what you need to do in the "IF" is turn each of these formfield (bookmark) names into a REF field. Select each name (double-click should work) the press Ctrl+F9. The result should look something like:

```
{ txtEC1 }
```

Actually, Word might even work with it, just like that. But sometimes not, so it's safer to edit the result:

```
{ REF txtEC1 }
```

Next, you don't use parentheses in IF fields to group the test/true/false; Word IF fields use "quotes". And an mathematical equation must also be in a field. So, very roughly:

```
{ IF { = { Ref txtEC1 } + { REF txtEc2 } } > { = { REF OPNet } - { REF OPMet } } "true here" "false here" }
```

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A long complicated formula is a PITA to work with in Word :-) If this were mail merge, I'd suggest using Excel or Access for the data and doing the calculations in an additional column. In this case, unless macro security is a problem, I'd probably be tempted to put the calculation in a macro and just dump in the result...

For example, you have 300 dollars left on your deductible and 80% coverage and a 2000 dollar out of pocket. Say you have some blood work for \$120 dollars; your estimated cost is \$120. If you had an MRI the estimated hospital cost would be \$1200, you would pay \$300 and the insurance company would pay 80% leaving you with \$300 plus 20% = \$480. If you needed a pacemaker it alone would cost \$120,000, instead of paying \$23,940 for the pacemaker you would just pay \$2000 because you do not pay more than your out of pocket expense.

There would be some slight changes depending on our insurance company plan. Sorry, if I confused anyone.

Cindy M –WordMVP– wrote:

Hi Jlawson,

I created a IF, THEN, ELSE field in word that is based on certain fields that the user will fill in.

What are these fields, more exactly? Are they form fields in the document? Mail merge fields? Something else?

With very few exceptions, you can't type a field's name into another field (the IF field, here). Word won't recognize it as a field and doesn't know where the information is coming from. The names must also be in fields. But the kind of field you can use depends very much on where the original information is coming from...

and as long as we're playing q&a: Which version of word are you using?

OPNet = \$5,000

OPMet = \$2,000

DedNet = \$1,000

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DedMet = \$100

NetPer = 80%

txtEC1 = \$100

txtEC2 = \$2500

etc...

This is what I have but I feel I'm missing something simple in the formula...

!Syntax Error, !

```
{=IF((txtEC1+txtEC2+txtEC3+txtEC4+txtEC5+txtEC6+txtEC7)>(OPNet-OPMet),(OPNet-OPMet),{
```

```
IF((txtEC1+txtEC2+txtEC3+txtEC4+txtEC5+txtEC6+txtEC7)>(DedNet-DedMet),((txtEC1+txtEC2+txtEC3+
```

```
txtEC4+txtEC5+txtEC6+txtEC7)-(DedNet-DedMet))-(((txtEC1+txtEC2+txtEC3+txtEC4+txtEC5+txtEC6+txtEC7)-(DedNet-DedMet))*NetPer)+(DedNet-DedMet),(txtEC1+txtEC2+txtEC3+txtEC4+txtEC5+txtEC6+txtEC7)
```

```
}) }
```

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