

RE: *REPOST* If then Else Statment in Report

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.reports/2008-12/msg00722.html>

- *From:* Thorson <Thorson@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 18 Dec 2008 13:10:20 -0800
-

Ok, so I know this has been incredibly long... thank you for being so helpful. Earlier as we found I was confused about the name of the control vs. the name of the field. So I just checked the name of the control on the subreport and corrected it. Now the equation you gave me earlier works:

$$=Nz(\text{Sum}([\text{SumOfNumberOfHead}],0)+\text{Iif}([\text{rptORRMonthlyBirthsCountSubreport}].[\text{Report}].[\text{HasData}],[\text{rptORRMont}])$$

There is one problem, and I don't think it is with the equation, but instead with my report controls.

As required by our records office there are some equations for double checks in the main report, (The first is a parameter entered by the user and the rest are equations). When SumOfNumberOfHead Is Null the parameter entered by the user does not show up, resulting in an error for the equations, however when it is not null everything works fine.

The first Control [Beginning] Is a parameter entered by the user as a number
The second control [Ending] is $=[\text{Total}]+[\text{Beginning}]$ ([Total]) is the equation you just helped me perfect
The third control serves as a double check $=[\text{Ending}]-[\text{Beginning}]$

Any ideas? I could post this as a different question, it may be completely unrelated.

--
Thorson

"Duane Hookom" wrote:

A subreport is a container control on a main report. It has a Name just like every other control on your report. It also has a Source Object property which is the name of the subreport as seen in the database window.

If you want the sum of the [SumOfNumberOfHead], then you must use something like:

$$=\text{Sum}([\text{SumOfNumberOfHead}])$$

This would return -178.

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The Hasdata text box would correctly display -1 if the subreport has data.
-1 is true and 0 is false.

What and where can CountOfEarTag be found on the subreport? Is it a field?
Is it a control? If it is a control, is it located in the subreport's Report
Header or Footer section?

--

Duane Hookom
Microsoft Access MVP

"Thorson" wrote:

I'm sorry, I obviously didn't completely understand all your questions, I am still very new at this. Here is another try:

For the Subreport, your are correct I don't really understand the difference. I'm not sure where to find the name of the control for the subreport. I deleted the original label that popped up with the sub-report. Under the properties the Name is listed as "rptORRMonthlyBirthsCountSubreport". Both this sub-report and the textbox with the equation are listed in a group footer. If that doesn't answer it can you tell me where I can find the control name? I am sorry I don't know exactly.

I didn't have any data in the database to run in the sub-report, so "0" is what I expected, however I now have some sample data in it and when I put =IIf(rptORRMonthlyBirthsCountSubreport.Report.HasData, rptORRMonthlyBirthsCountSubreport.Report.CountOfEarTag, 0) in the text box it returns "#Error", I would expect to see a total sum of "1".

I also tried =rptORRMonthlyBirthsCountSubreport.Report.HasData again and that returns "-1". I would expect the total to be "1", therefore positive and not negative.

The control name of my text box "SumOfNumberOfHead" was incorrect, I re-named it and I also tried =Nz(SumOfNumberOfHead,0) again, this time it returned -177, which is not quite what I would expect, there are two records shown for the text box "SumOfNumberOfHead", -177 and -1, I would expect it to sum those and therefore report -178. If I enter =Nz(SumOfNumberOfHead,0) in on a month with no records it returns "0" which I would expect.

It looks like the problem is with the sub-report.

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I am sorry it is taking me so long to figure this out, but thank you for your patience and help!

--
Thorson

"Duane Hookom" wrote:

I didn't ask what the name of the subreport was. I wanted the name of the control on the main report that contains the subreport. This might be the name of the subreport but could be anything. Your answer doesn't tell me you specifically understand the difference.

Apparently your subreport is not returning any records. When you replied :

=====
If I enter
=IIf(rptORRMonthlyBirthsCountSubreport.Report.HasData,
rptORRMonthlyBirthsCountSubreport.Report.CountOfEarTag,
0) in the text box
it results as "0"

=====
I would have expected you to include something like "this is what I expect since the subreport doesn't have any records returned". I also expect you would run the report with a criteria that does actually return records in the subreport. You can't really test an expression when there aren't expected results.

Does your subreport return only a single record? If not, why would you want to return a value from the detail section of the subreport rather than an aggregate value from the subreport footer?

You stated SumOfNumberOfHead is the name of a text box and the name of a field. This could be true but your statement:

=====
If I enter =Nz(SumOfNumberOfHead,0) in the text box it results as #Error
=====
suggests that either it isn't a numeric field in the record

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source or the
name of the text box containing this control source is
possibly a field name.

Have you turned off all Name-Autocorrect options in your
database?

--

Duane Hookom
Microsoft Access MVP

"Thorson" wrote:

It didn't work.

Yes, the name of the sub-report is
[rptORRMonthlyBirthsCountSubreport]

No the text box is not in the same section as
the sub-report. The text box
[SumOfNumberOfHead] has more than one
record and I want it to display all of
them, however if the subreport is in the same
section it repeats as well and
I don't want that.

No, The sub-report's text-box
[CountOfEarTag] Is in the Detail section of
the Sub-report, I could move it to the report
footer, I shouldn't make any
difference as far as how the report looks.

Yes, [SumOfNumberOfHead] is a field in he
main report's Record Source.
"NumberOfHead" is the field and the "total"
line is set to Sum, which results
in the field name as [SumOfNumberOfHead]

If I enter =Nz(SumOfNumberOfHead,0) in
the text box it results as #Error

If I enter
=IIf(rptORRMonthlyBirthsCountSubreport.Report.HasData,
rptORRMonthlyBirthsCountSubreport.Report.CountOfEarTag,
0) in the text box
it results as "0"

If I enter

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=rptORRMonthlyBirthsCountSubreport.Report.HasData
in the text box
it results as "0"

This may be completely unrelated, if it is I
can work on it at another time:

I am also worried that my changing the
name of the field in the query and
therefore in the report may have messed
something up. Along with changing
the name of the field "SumOfExpr4" to
"SumOfNumberOfHead" I also changed the
name of 2 other fields, "Expr3" and "Expr4",
even though I also changed them
in the reports and subreports it is asking me
for those parameters ("Expr3"
and "Expr4"). I checked my object
dependencies and made sure everything
related was changed as well, but It is still
asking for those parameters.

--

Thorson

"Duane Hookom" wrote:

Try:

```
=Nz(SumOfNumberOfHead,0)+IIf(rptORRMonthlyBirthsCountSubreport.Re  
rptORRMonthlyBirthsCountSubreport.Report.CountOfEarTag,  
0)
```

If that doesn't help, please
confirm the following:

The name of the subreport
control on the main report
(not necessarily the
Source Document) is
[rptORRMonthlyBirthsCountSubreport]

This text box is in the same
section of the main report as
the subreport.

The subreport has a text box
in its Report Footer section
named CountOfEarTag.

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SumOfNumberOfHead is a field in your main report's record source.

What displays in a text box with this Control Source:
=Nz(SumOfNumberOfHead,0)

What displays in a text box with this Control Source:
=IIf(rptORRMonthlyBirthsCountSubreport.Report.HasData, rptORRMonthlyBirthsCountSubreport.Report.CountOfEarTag, 0)

What displays in a text box with this Control Source:
=rptORRMonthlyBirthsCountSubreport.Report.HasData

--

Duane Hookom
Microsoft Access MVP

"Thorson" wrote:

I changed the name of Expr4 to NumberOfHead, therefore SumOfExpr4 changed to SumOfNumberOfHead. I put in the below Equation:

=(Nz(SumOfNumberOfHead,0)+IIf(rptORRMonthlyBirthsCountSubr

An error first came up saying there were too many closed parenthesis so I added the first open one, now an

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error is
coming up
saying "The
Expression
you entered
contains
invalid
syntax, or
you need to
enclose
your text in
data
quotes"

Do you
know what I
put in
wrong?
--
Thorson

"Duane
Hookom"
wrote:

If
there
are
records
but
the
value
might
be
null,
use:
 $=Nz(\text{SumOfExpr4},$
 $0)+\text{If}(\text{rptORRMonthlyBirthsCountSubreport.Report.HasData}$

Do
yourself
a
favor
and
take
the
time
to
give

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appropriate
names
to
your
expressions.

--
Duane
Hookom
Microsoft
Access
MVP

"Thorson"
wrote:

"SumOfExpr4"
Is
a
field
in
the
query
"qryMonthlyReportPG1ORR"
that
the
Main
Report
is
built
on.
Expr4
is
in
a
query
"qryORRMonthlyDispositionRecords"
before
that
one,
Expr4
is
an
equation:
Expr4:
IIf((tblDispositionRecords!DispMethod="Transferred
.
I
just

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never
changed
the
name
of
it.
"SumOfExpr4"
in
qryMonthlyReportPG1ORR
sums
up
the
field
Expr4
in
qryORRmOnthlyDispositionRecords.

Since
the
"SumOfExpr4"
is
a
field
I
tried
using
the
IsNull()
Formula,
but
I'm
not
quite
sure
how
to
set
it
up.
Also
as
you
can
see
from
the
orginal
equation
the
Sum
of

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SumOfExpr4
is
added
to
the
subreport
Births
Total.

I
would
also
like
the
equation
to
still
add
the
number
of
births
even
if
"SumOfExpr4"
is
null.

--
Thorson

"Duane
Hookom"
wrote:

Where
is
SumOfExpr4
from?
Is
this
a
control
or
field
or
what?
"Expr4"
displays

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a
lack
of
effort
and
maintainability.

The
HasData
property
is
for
reports.
A
report
(or
subreport)
has
this
property.

A
field
or
control
can
be
checked
for
data
using
IsNull().

--
Duane
Hookom
Microsoft
Access
MVP

"Thorson"
wrote:

Someone
tried
helping
me
out
with

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this
before,
but
we
couldn't
get
the
equation
he
suggested
to
work:

I
currently
have
an
if
then
else
statment
in
my
report
that
adds
the
sum
of
another
field
to
the
sum
of
animal
births
(if
animal
births
has
data).
I
would
however
like
this
whole
equation
to=0
if

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nothing
is
reported,
however
instead
it
has
an
#error.

I
thought
that
edited
the
equation
would
solve
the
problem
but
I'm
not
sure
how
to
edit
it.
This
is
the
orginial
eqation:
$$=(\text{Sum}([\text{SumOfExpr4}]))+\text{IIf}(\text{rptORR}$$

This
is
what
I
tried
editing
it
to,
and
it
didn't
work:
$$=\text{IIf}((\text{SumOfExpr4}.\text{HasData}),((\text{Sum}(\text{--$$

--
Thorson

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