

Re: Problem with zero result

Source: <http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2005-01/2163.html>

From: Brendan Reynolds (*brenreyn*)

Date: 01/20/05

Date: Thu, 20 Jan 2005 23:11:53 -0000

When the result of what is zero?

There are three expressions involved here ...

1) [ShdLunch]>=[Lunch Taken]

It seems unlike that you mean when the result of this expression is zero, although it can be – it will return True or False, and False is represented by zero.

2) [Lunch Taken]-[ShdLunch]

I think the result of this expression is probably the one you mean when you say 'when the result is zero'?

3) The entire IIF expression, Iif([ShdLunch]>=[Lunch Taken],Null,[Lunch Taken]-[ShdLunch])

If I'm right in thinking that number 2 above is the result to which you refer, then JL is right, there's nothing wrong with the function. If [Lunch Taken]-[ShdLunch] were equal to exactly zero, that would mean that [ShdLunch]>=[Lunch Taken] would return True, therefore the entire IIF expression would return Null. There really isn't any possible way that it could return anything other than Null if [Lunch Taken]-[ShdLunch] were exactly equal to zero. Therefore, [Lunch Taken]-[ShdLunch] is not exactly zero, it only **looks** like it is exactly zero.

Are ShdLunch and Lunch Taken Date/Time fields? If so, in order to identify the problem in the data, try creating a query like so:

```
SELECT Format([ShdLunch], "mm/dd/yyyy hh:nn:ss") AS FShdLunch,  
Format([Lunch Taken], "mm/dd/yyyy hh:nn:ss") AS FLunchTaken FROM  
YourTableNameHere
```

If you are not in the US, you can use dd/mm/yyyy or whatever your usual date format is, the point is to show the entire contents of the Date/Time field, including the date part and the seconds part.

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I'm betting that you'll find that some of the ShdLunch and Lunch Taken values that appeared to be equal actually differ either in the date part, or in the seconds part.

If the fields are not Date/Time fields, tell us what they are. Perhaps that may point to other possibilities.

--

Brendan Reynolds (MVP)

<http://brenreyn.blogspot.com>

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"cursednomore" <cursednomore@discussions.microsoft.com> wrote in message news:B6434157-595F-488A-9D0B-3AFE76B5C279@microsoft.com...

> In the other fields in the query when I use a similar formula, when the
> result is zero, I get a null return (blank) as opposed to 0:00.

>

> "Brendan Reynolds" wrote:

>

>> Think about what you just wrote for a moment ...

>>

>> "When my result is exactly zero, I get 0:00 as a result"

>>

>> Did you mean to write something else?

>>

>> --

>> Brendan Reynolds (MVP)

>> <http://brenreyn.blogspot.com>

>>

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>> me to use a real e-mail address in public newsgroups. E-mail replies to
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>> from brenreyn at indigo dot ie that is not digitally signed by me with a
>> GlobalSign digital certificate is a forgery and should be deleted without
>> being read. Follow-up questions should in general be posted to the
>> newsgroup, but if you have a good reason to send me e-mail, you'll find
>> a useable e-mail address at the URL above.

>>

>>

>> "cursednomore" <cursednomore@discussions.microsoft.com> wrote in message
>> news:C82A8223-4963-4A63-9257-2349130719E0@microsoft.com...

>> >I am doing a time function, and only wish to display results greater
>> >than

>> > zero. This is my formula: IIf([ShdLunch]>=[Lunch Taken],Null,[Lunch
>> > Taken]-[ShdLunch])

>> >

>> > When my result is exactly zero, I get 0:00 as a result, rather than
>> > Null.

>> > Can anyone explain this and/or help me correct it? I have other time
>> > functions that do not show the 0:00, and they are formatted in the same
>> > way.

>> >

>> > Any help would be greatly appreciated.

>> >

Re: Problem with zero result

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>> > Thanks!!
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