

Re: Difference between two dates and times

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On Wed, 20 Oct 2004 07:19:04 -0700, quartz
<quartz@discussions.microsoft.com> wrote:

>I have two columns in a table. One is *START_TIME* the other is *END_TIME* and
>they are both *TIMESTAMP* data types formatted as "MM-DD-YYYY HH:MM:SS AM/PM".

Are these SQL Server tables? Access (JET) tables have a Date/Time
datatype but do not have a Timestamp.

>In a third column (*ELAPSED_TIME*) I want to calculate the difference between
>the first two columns (i.e. *END_TIME* - *START_TIME*) and show the difference
>with a picture of: DD HH:MM:SS or DD-HH:MM:SS (example result: 00 00:01:34 or
>00-00:02:18).

>

>My calculation is running in the current Access DB project and will update
>the table with the calculation using SQL. PLEASE NOTE: Sometimes this process
>runs across two days, e.g. may start at 11:40 pm and may finish at 12:10 am.

Take a look at the DateDiff() function in the VBA help. I believe it
will work with *TIMESTAMP* values as well as Date/Time values but I'm
not absolutely certain! It will give you a difference in your choice
of units (from seconds to years) as an integer.

I would strongly recommend that you NOT store the *ELAPSED_TIME* in any
table field; it's redundant and can be calculated whenever it's
needed.

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