

## Re: Help with query on a Date field for UK date style dd/mm/yyyy ???

**Source:** <http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2004-03/1655.html>

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**Date:** 03/13/04

Date: Fri, 12 Mar 2004 18:03:19 -0700

On Fri, 12 Mar 2004 15:50:10 -0500, "Bill" <softwaredemo123@yahoo.com> wrote:

>Hello,

>

>I have developed an app that has been working fine for my US users.

>

>Unfortunately I had hard coded and set some date data for US standard

>mm/dd/yyyy.

>I have fixed all references to date so that it now uses the short date

>format from the region settings in windows.

This affects how the date is DISPLAYED. It has no effect on how it's STORED.

>But, I am still having one issue.

>

>On one form I generate SQL statements from user supplied data in some

>unbound txtboxes.

>When it comes to the date field the SQL generated looks like:

>

>SELECT \* FROM MainTable WHERE SaveDate = #12/03/2004#

>

>Remember I now have all my dates stored as UK dd/mm/yyyy.

Well... no. You don't. The dates are stored, as all date/time fields are stored – as a Double Float number, a count of days and fractions of a day since midnight, December 30, 1899. Date literals in Queries or in VBA are \*always\* interpreted in USA month/day/year format, regardless of the computer's date/time setting. Either use mm/dd/yyyy or an unambiguous format such as 3-Dec-2004 or the ISO 2004-12-03.

>When I open the table and look at the dates, it all looks correct and in

>this format.

>

>There are 2 records with a SaveDate of 12/03/2004 – which means

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>march 12, 2004

>

>When I run the above query it says no records found.

>If I change the query to read : *SELECT \* FROM MainTable WHERE SaveDate =*

>*#03/12/2004#*

>

>It returns the records from the table with the date fields showing

>12/03/2004.

>

>Why is it assuming my *SQL* query is *mm/dd/yyyy* instead of *dd/mm/yyyy*

>????

Because the programmers who wrote Access were Americans, I guess...

<G>

>On other thing. If I use the "Like" predicate with the \* wild card as

>in this Query:

>*SELECT \* FROM MainTable WHERE SaveDate Like '12/03\*'*

>It finds the 2 rows with the date 12/03/2004

Dates are NOT text strings. This is converting the Date/Time value to a string and then searching that string.

John W. Vinson[MVP]

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