

## Re: how do you update a java.sql.date type in an ms access database

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*Source:* <http://coding.derkeiler.com/Archive/Java/comp.lang.java.help/2005-11/msg00378.html>

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  - *Date:* Wed, 9 Nov 2005 21:49:33 +0100
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"chose" wrote...

- > when i update a row in an access database the date field
- > does not update to the correct date it brings up some
- > funny date which i dont know where it comes from.

It comes from db's attempt to parse an invalid date-string...

In Access/Jet, it needs to be enclosed within #:s, and with the date parts in a specific order...

Another thing is that java.sql.Date only contains the date part, whereas the DateTime data type in Access/Jet is more like a java.sql.Timestamp.

- > Below is the method i use to update. maybe
- > the date types are not compatable?

Well, partly, but you're not using the date AS a date in the SQL statement, but as a String. This will in most cases lead to errors, as the parsing of such is left to the database, not the driver...

- > s.executeUpdate("update Rooms set CustomerId=" + custID
- > + ", BookINDate = " + bkInDate + ", Occupied = " + yes
- > + " where RoomNo = " + rNumber + " ");

It's really bad practice to concatenate the string for an SQL statement in that way, because of differences between different dbs. Instead you should use a parameterized statement.

Use java.sql.Timestamp instead of java.sql.Date.

<http://java.sun.com/j2se/1.5.0/docs/api/java/sql/Timestamp.html>  
<http://java.sun.com/j2se/1.5.0/docs/api/java/sql/Date.html>

Read up on how to use a PreparedStatement, and it will solve your problem.

<http://java.sun.com/j2se/1.5.0/docs/api/java/sql/PreparedStatement.html>

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// Bjorn A

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