

## Re: TADOTable exception when post second time

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*Source:*

<http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.database.ado/2005-08/msg00037.html>

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  - *Date:* Wed, 03 Aug 2005 21:29:29 -0500
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>At the first time to press the save button, it is fine.  
>Then I press the edit button again, edit the values in the data-aware  
>components, and press the save button. An exception occurred:  
>'exception class EOleException with message 'Row cannot be located for  
>updating. Some values may have been changed since it was last read'  
>  
>I tried different fields, it seemed happened to varchar field the most.

When you use a clientside cursor ADO must be able to figure out what the record you want to update in the database is. The default way to do this is to match the before edit values of all the fields at the client with all the field values in the database.

The first time you post the data the preEdit client values find a match on the server and the second time they don't

So some value your record is not updating with the exact value from your client if you are using a trigger to change values in the database that would explain this behavior. I have also seen it in some cases with DateTime fields where milliseconds get trimmed off.

You can change the default behavior to instead used just the key field vales. To do this use the Update Criteria property

set the 'Update Criteria' dynamic property:–

```
ADODataset1.Properties['Update Criteria'].value :=adCriteriaKey;
```

Your choices are adCriteriaKey, adCriteriaAllCols (BDE's default), adCriteriaUpdCols (ADO's default) and adCriteriaTimeStamp. Search the Platform SDK for more details.

This property needs to be set after the dataset has opened

<http://support.microsoft.com/default.aspx?scid=kb;EN-GB;q190727&GSSNB=1>

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- **References:**

- ◆ **TADOTable exception when post second time**

- ◆ *From: Man Utd*

- Prev by Date: **Re: "Row cannot be located for updating"**
- Next by Date: **Re: "Row cannot be located for updating"**
- Previous by thread: **Re: TADOTable exception when post second time**
- Next by thread: **Re: "Row cannot be located for updating"**
- Index(es):
  - ◆ **Date**
  - ◆ **Thread**