

Modifying Lock Properties of a subform

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Hello,

I have a form to enter student marks into a database. The form is set up so the user selects the Teacher, Class, and Assignment from combo boxes. After these three have been selected, a subform (continuous) becomes visible showing all the students in this class with a textbox for their mark next to each student's name. In addition to this, I have a table called tblLockMarks, which has three fields, CurrentYear (holds a year), Semester1Lock (Y/N), and Semester2Lock (Y/N). The purpose of this table is so that the administration can "lock" all of the marks so that teachers cannot go back and change marks after they "lock down" the database for a given semester (I realize that this "security" is minimal at best, but it is all I need). When a user clicks on a Teacher/Class/Assignment, I know the CurrentYear, and I also know if the assignment was given in Semester1 or Semester2 in the bound subform. What I want to do, is then modify the subform's properties so that the StudentMark text boxes are Locked (i.e. Me.StudentMark.Locked = True) if the Semester has been "locked." I have the following code, but I can't figure out on what form event to call it (Open - No, Load - No).

```
Private Sub Form_Open()  
On Error GoTo Err_Form_Open
```

```
If Forms!frmEnterMarks!sbfmStudentMarks.Visible Then
```

```
Dim iYear As Integer
```

```
Dim oRs As ADODB.Recordset
```

```
Dim oConn As ADODB.Connection
```

```
Dim sSQL As String
```

```
Dim bSemester1 As Boolean
```

```
Dim bSemester2 As Boolean
```

```
iYear = Me.CurrYear.Value
```

```
Set oRs = New ADODB.Recordset
```

```
Set oConn = CurrentProject.Connection
```

```
sSQL = "SELECT * FROM tblLockMarks WHERE CurrYear = " & iYear &  
";"
```

```
oRs.Open sSQL, oConn, adOpenStatic, adLockReadOnly
```

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```
If oRs.EOF And oRs.BOF Then
Call ErrMsg("Serious error, no record for that year –
update table with current year", "Error")
Else
bSemester1 = oRs("LockSemester1")
bSemester2 = oRs("LockSemester2")
End If

If Me.MYPercentage.Value = 0 Then 'this is how I know it is in
Semester 2
If bSemester2 Then
Me.StudentMark.Locked = True
Else
Me.StudentMark.Locked = False
End If
Else
If bSemester1 Then
Me.StudentMark.Locked = True
Else
Me.StudentMark.Locked = False
End If
End If

oRs.Close
oConn.Close
Set oRs = Nothing
Set oConn = Nothing
End If

Exit_Form_Open:
Exit Sub

Err_Form_Open:
MsgBox Err.Number & Err.Description
Resume Exit_Form_Open

End Sub
```

Does anyone know when I should call this code (or something similar),
or if this is even possible to do?

Thanks!
JK

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