

Field Validation Code – runs as part of the BeforeUpdate function on the Form

```
Private Sub Form_BeforeUpdate(Cancel As Integer)
```

```
'Validate form fields
```

```
On Error GoTo Form_BeforeUpdate_ERR
```

```
Dim ModuleName As String
```

```
ModuleName = "Form_BeforeUpdate"
```

```
If Len(Trim(Media) & "") = 0 Then
```

```
MsgBox "Media is a required field.", vbExclamation
```

```
DoCmd.GoToControl "Media"
```

```
fValOK = False
```

```
DoCmd.CancelEvent
```

```
Exit Sub
```

```
End If
```

```
Form_BeforeUpdate_EXIT:
```

```
Exit Sub
```

```
Form_BeforeUpdate_ERR:
```

```
Select Case Err.Number
```

```
Case Else
```

```
Call ErrorRoutine(ModuleName, Err, Error)
```

```
Resume Form_BeforeUpdate_EXIT
```

```
End Select
```

```
End Sub
```

Similar code in an AfterUpdate function presents the message box and does NOT close the form. However, the GoToControl feature does not work

```
Private Sub EXTCoeff_AfterUpdate()
```

```
If Len(Trim(EXTCcoeff) & "") = 1 Then
```

```
MsgBox "An EXTCcoeff value of 1 will make the concentration inaccurate.",  
vbExclamation
```

```
DoCmd.GoToControl "EXTCcoeff"
```

```
fValOK = False
```

```
DoCmd.CancelEvent
```

```
Exit Sub
```

```
End If
```

```
End Sub
```

Procedure run upon clicking OK button on Form

```
Private Sub cmdOk_Click()
```

```
' if no validation errors, save current rec and exit
```

```
On Error GoTo cmdOk_Click_ERR
Dim ModuleName As String
ModuleName = "cmdOk_Click"
fValOK = True
SendKeys "+{Enter}", True 'save current rec
If fValOK Then
    DoCmd.Close
End If
cmdOk_Click_EXIT:
Exit Sub
cmdOk_Click_ERR:
Select Case Err.Number
    Case Else
        Call ErrorRoutine(ModuleName, Err, Error)
        Resume cmdOk_Click_EXIT
End Select
End Sub
```