

Redux

Callahan Chapter 2

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Setting Initial Properties

- As you modify and test your code, the current values of your Property settings are saved when you save the form definition
- When using VBA code to adjust property settings at runtime it is more **stable** to set the initial value of properties in the form's Load event
- **Load event** (form)
 - occurs after a form is opened and its records are displayed
- **Practice Time**
 - place code in `frmRestaurant`'s Load event to disallow edits
 - save and close `frmRestaurant`
 - open `frmRestaurant` and confirm it disallows edits

```
Private Sub Form_Load()  
    Me.AllowEdits = False  
End Sub
```

Controlling Deletions and Additions

- Forms have properties to control whether new records can be added and existing records can be deleted
 - AllowAdditions
 - AllowDeletions
- Practice Time
 - users tell us that they don't want to be able to delete records while the form is read only
 - modify `frmRestaurant` `Form_Load` procedure so it does not allow deletions (do not hinder its ability to add new records)
 - switch to Form view, then enter a new restaurant without entering any cuisines in the subform
 - save your new restaurant record
 - test that you cannot delete your new restaurant
 - modify the event handler for Edit Record to allow deletions
 - test that you can now delete your new restaurant

Controlling the Subform

- Concepts
 - Main form and subform each have their own `AllowEdits`, `AllowAdditions`, `AllowDeletions` properties
 - when the main form's `AllowEdits = False`, a subform's `AllowEdits`, `AllowAdditions`, and `AllowDeletions` properties are each set to `False`
 - when use VBA code to set main form's `AllowEdits = True`, subform `AllowEdits`, `AllowAdditions`, and `AllowDeletions` properties each remain `False`
- Practice Time
 - users tell us that when the main form is editable they want the subform to allow edits, additions, and deletions
 - modify `frmRestaurant` to use VBA code to explicitly set subform `AllowEdits`, `AllowAdditions`, and `AllowDeletions` properties in Edit record event handler
 - modify `frmRestaurant` `Form_Load` to disallow subform edits, additions, deletions
 - close and reopen `frmRestaurant` and test to ensure that
 - subform disallows edits, deletions, additions
 - subform allows edits, deletions, additions once Edit record button is clicked
 - save `frmRestaurant`

Controlling the Subform

- Have used VBA to set the main form's AllowDeletions and the subform's AllowEdits, AllowAdditions, AllowDeletions properties

- Form_Load
- cmdEditRecord_Click

- What about other events where the main form's AllowEdits is changed?

- Form_AfterUpdate
- Form_Current

- **Practice Time**

- modify existing code in Form_AfterUpdate, Form_Current to control main form deletions and subform edits, deletions, and additions
- test that main form and subform work correctly after saving and after navigating to another record
- save frmRestaurant

```
Private Sub Form_Load()  
    Me.AllowEdits = False  
    Me.AllowDeletions = False  
    Me.fsubRestaurantCuisine.Form.AllowEdits = False  
    Me.fsubRestaurantCuisine.Form.AllowDeletions = False  
    Me.fsubRestaurantCuisine.Form.AllowAdditions = False  
End Sub
```

```
Private Sub cmdEditRecord_Click()  
    ' make the form editable  
  
    Me.AllowEdits = True  
    Me.AllowDeletions = True  
    Me.fsubRestaurantCuisine.Form.AllowEdits = True  
    Me.fsubRestaurantCuisine.Form.AllowDeletions = True  
    Me.fsubRestaurantCuisine.Form.AllowAdditions = True  
  
    txtRestaurant.SetFocus  
End Sub
```