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Private Sub Command1_Click()

    Dim binserter As Boolean
    Dim bDeleted As Long
    Dim bUpdated As Long
    Dim Title As New Titles           'Create a new title Object

    With Title
        .ISBN = "1-1234567-2-1"      'Set Properties. Be sure to set a
                                     'unique value for the primary key.
                                     'The generated code will show the Primary Key
                                     'in comments and in the class browser.

        .Description = "New Test Book"
        .Comments = "Boo"
        .Notes = "Foo Test"
        .PubID = 1
        .Subject = "Test"
        .Title = "New Test Book"
        .Year_Published = 2003
        binserter = .Insert           'The Insert method will return true
                                     'if success

    End With
    Debug.Print binserter
    If binserter = False Then
        Debug.Print Title.ErrorMessage 'the ErrorMessage will contain detailed error messages.
    End If

    Title.Description = "vERY nEW bOOK"
    bUpdated = Title.Update           'Do an update
    Debug.Print bUpdated              'Note. the return value is a long number.
                                     'Will return the number of rows updated by this.
                                     'This is the one place we are a little
                                     '"Off" from the OOPs paradigm.
                                     'Some times if you have no primary Key in the table
                                     'It is possible you end up updating multiple rows.

    If bUpdated = -1 Then
        Debug.Print Title.ErrorMessage
    End If

    bDeleted = Title.Delete           'And you can delete
    Debug.Print bDeleted              'Note. the return value is a long number.

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'Effect is the same as an Update.
    If bDeleted = -1 Then
        Debug.Print Title.ErrorMessage
    End If

End Sub

Private Sub Command2_Click()
    Dim Authors As New Authors_S      'Create Collection
    Dim p As New predicate            'Create a predicate
    Dim pg As New predicateGroup      'Create a predicate group

    p.Column = "Author"               'Initialize predicate
    p.Operator = Equals               'Set Operaor type.
                                     'is one of the Following values
                                     'Equals
                                     'NotEquals
                                     'IsLike
                                     'IsNotLike
                                     'GreaterThan
                                     'LessThen
                                     'GreaterThanOrEquals
                                     'LessThenOrEquals
    p.ExpressionDataType = adChar     'Select the data type of the column
                                     'Must be a valid Selection from
                                     'ADODB.DataTypeEnum
    p.Expression = "Larmey, Chris"    'Set the value
    pg.Add p                          'Add Predicate to a group
    Set p = New predicate
    p.Column = "Author"
    p.Operator = Equals
    p.ExpressionDataType = adChar
    p.Expression = "Law, Averil"
    pg.Add p                          'Add next Predicate to group
    Set p = New predicate
    p.Column = "Author"
    p.Operator = Equals
    p.ExpressionDataType = adChar
    p.Expression = "Ladd, Scott Robert"
    pg.Add p                          'Add next Predicate to group
    Set p = New predicate
    p.Column = "Author"

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p.Operator = Equals
p.ExpressionDataType = adChar
p.Expression = "Torkelson, Cary"
pg.Add p                                'Add next Predicate to group
Set p = New predicate
p.Column = "Author"
p.Operator = Equals
p.ExpressionDataType = adChar
p.Expression = "Webster, Bruce"
pg.Add p                                'Add next Predicate to group
pg.PredicateGroupType = IsOR            'The relation ship between the
                                         'predicates added in this group is "OR"
                                         'This
Authors.Condition.PredicateGroups.Add pg 'Add the Predicate group to the condition
                                         'PredicateGroups is a read only property.
                                         'Predicate Groups is a PublicNotCreatable Object
                                         'You can only get an instance of it from the
                                         'collection Class

Set p = New predicate
p.Operator = Equals
p.FreeFormText = "1 = 1"                'Just is a sample of free form predicate.
                                         'you may have any valid Column = alue here.
Authors.Condition.Predicates.Add p      'Add the predicate to the the predicates
                                         'collection of the condition Object Of the collection

Authors.Refresh                          'Call refresh method to populate the Collection.
Dim au As Authors                       'Just a dummy to run the loop
Debug.Print Authors.Count                'Get the count from the collection
For Each au In Authors
    Debug.Print au.Author                'Show the value of a Column
    au.Author = au.Author & "_123"      'Set the value of a Column for that object
    ' Debug.Print au.Update              'You have to update the object individually
Next

End Sub

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