Home   x   QueryDefs   x   Recordsets   x   TableDefs   x   TempVars   x   Database Functions   x   DAvg   x
DCount   x   DLookup   x   DMin, DMax   x   DStDev, DStDevP   x   DSum   x   DVar, DVarP   x   Definitions   x
Collection   x

Collection

A *Collection* contains a list of other objects.

The individual members of the collection are accessible either via their index or via their name. The name is NOT case-sensitive.

tags:
Definitions

Collections

A *Collection* object is returned by next functions

Function	Description
AllDialogs	`AllDialogs()` without argument returns the *Collection* of all **dialogs** present in any of the accessible dialog libraries
AllForms	`AllForms()` without argument returns the *Collection* of all **forms** defined in the current Base or non-Base document
CommandBars	`CommandBars()` without argument returns the *Collection* of all toolbars associated with the current LibO/AOO window.
CommandBarControls	`myCommandBar.CommandBarControls()` returns the *Collection* of all the controls of the *commandbar* designated by *~myCommandBar*
Controls	`myObject.Controls()` returns the *Collection* of all the controls of a *form*, a *dialog*, a **subform** or a **gridcontrol** designated by the object *myObject*
Events	`Events(event)` returns the current **event** object
Fields	`myObject.Fields()` returns the *Collection* of all the **fields** of a *table*, a *query* or a *recordset* designated by the object *myObject*
Forms	`Forms()` without argument returns the *Collection* of all open *forms*
Properties	`myObject.Properties()` returns the *Collection* of all **properties** of the object *myObject*
QueryDefs	`CurrentDb().QueryDefs()` without argument returns the *Collection* of all **queries** in the database
Recordsets	`CurrentDb().Recordsets()` without argument returns the *Collection* of all currently open **recordsets**
TableDefs	`CurrentDb().TableDefs()` without argument returns the *Collection* of all **tables** in the database
TempVars	`Application.TempVars()` without argument returns the *Collection* of all **temporary variables** in the current LibO/AOO session

Properties

Property	Description
Count	Number of items in the *Collection*. The first item of the *Collection* has the range *0*; the last one has the range *Count - 1*
Item	Return the collection member identified by its *index* or its *name*

Remarks

Next pair of expressions are one by one equivalent:

```
collection.Item(iIndex)
collection.Item(sName)
```

and

```
collection(iIndex)
collection(sName)
```

Methods

Method	Collection	Description
Add	**TableDefs** **TempVars**	The Add method either - finalizes the creation of a new table initiated with the **CreateTableDef** method, - or creates a new *TempVar* object.
Delete	**TableDefs** **QueryDefs**	The Delete method erases a table or a query object from the *TableDefs* or *QueryDefs* collections.
Remove	**TempVars**	The Remove method erases a tempvar object from the *TempVars* collection.
RemoveAll	**TempVars**	The RemoveAll method erases all tempvar objects from the *TempVars* collection.

Example

To display the name of all forms

```
Dim i As Integer, oCollection As Object
      Set oCollection = AllForms                        'AllForms without argument returns a (
      For i = 0 To oCollection.Count - 1
            Print oCollection.Item(i).Name,          'AllForms collects Form objects
      Next i
      Print
```

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