Home x Install x Full Index x Tutorial x EnumerateControls x FindOutTableExists x UseVariablesInSQL x CreateRecordsetFrom x AddRecordToRecordset x CountRecordsRecordset x LimitsRecordset x MixAccess2baseAndUNO ! User's Guide x AllForms x DatabaseWindow x ShortcutNotationMore x DLookupSamples x CalculatedField x MultiSelectListboxSelectForm x FillAutoControlValue x CarryToNewRecord x BrowseThruControls x TipTextForLongValues x AskBeforeSaving x Sync2Combos x ZoomOnImage x AddAllToBox x KeepFormsSynchro x SelectListboxOnFirstLetters x MoveItemsBetweenListboxes x SimulateTabbed x SearchStandalone x CalculatorDialog x ExploreTables x ExtractDataTable x FindPositionRecordset x DMedian function x DPercentile x ImportImages x ExportImages x CrossTabQuery x DbaccessFromCalc x Standalone Forms x Add x AddItem x AddNew x CancelUpdate x Clone x Close (method) x CloseAllRecordsets x CloseConnection x CreateField x CreateQueryDef x CreateTableDef x

CreateTableDef

Creates a new **TableDef object** in the current **database**.
This method offers the capacity to create from the Basic code a new table independently from the underlying RDBMS. Thus without using SQL. However only a limited set of options are available for field descriptions.

tags:
Methods

Applies to ...

Object	Description
Database	The representation of the database currently connected to a Base (".odb") document.

Syntax

Set *tabledef* = *database*.`CreateTableDef(`*name*`)`

Arguments - Returned value

Argument	Type	Optional	Description	Returned value
name	String	N	The name of the new table	A **tabledef** object

Remarks

- The *CreateTableDef* method may be applied ONLY from a macro executed from a Base ("*.odb") document, said otherwise, not from a **standalone form**. The *database* object should be returned by the **Application.CurrentDb** method.
- To become fully viable the new *TableDef* object has to be **added** explicitly to the **TableDefs collection**.
- Between the execution of the *CreateTableDef* and the *Add* methods one or more fields should have been created thru the **CreateField** method.
- If the object specified by *name* is already a member of the *TableDefs* collection (the comparison is NOT case-sensitive !!), the existing table is erased without warning.

Error messages

Argument nr. ... [Value = '...'] is invalid
Method 'Database.CreateTableDef' not applicable in this context

See also

Add
CreateField
CreateQueryDef
TableDefs
TableDef
QueryDefs
QueryDef

Example

Build a new table in the database without using SQL

```
Dim oDatabase As Object, oTable As Object
        Set oDatabase = Application.CurrentDb()
        Set oTable = oDatabase.CreateTableDef("myNewTable")                     '       Create
        With oTable
                .CreateField("myAutoIncrFld", dbLong, , dbAutoIncrField)        '       Create
                .CreateField("myDecimalFld", dbDecimal, 10.4)
        End With
        oDatabase.TableDefs().Add(oTable)                                       '       Finali
```

Add a field to an existing table

```
        Set oTable = oDatabase.TableDefs("myExistingTable")
        oTable.CreateField("myBinaryFld", dbBinary)
```

Bookmark this page » » CreateTableDef