

# ReadMe File for Preview ADO in OLE DB SDK 1.0.

## Late news has been added into this file

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## CODE EXAMPLES

### Getting started

In ADO, the Connection, RecordSet, and Command objects are the main interfaces to data. The minimal code to get a RecordSet is:

```
sub Main()  
  
    Set oConn = CreateObject("ADO.Connection")  
    oConn.Connect "pubs", "sa", ""  
    Set oRS = oConn.Execute("select * from authors")  
  
end sub
```

This generates a scroll forward only, read only result set. A more functional result set can be generated as follows:

```
sub Main()  
  
    Set oConn = CreateObject("ADO.Connection")  
    Set oRS = CreateObject("ADO.RecordSet")  
  
    oConn.Connect "pubs", "sa", ""  
  
    oRS.Open "select * From authors", oConn, adOpenKeyset,  
adLockOptimistic  
  
end sub
```

This, should be a fully scrollable and updatable result set. This is VB code, for VBS you 值!

need to convert the constants to numeric values. These can be found in the or listed below.

### Establishing a connection

```
sub Main()
    Set oConn = CreateObject("ADO.Connection")

    ' The following line establishes the connection. Here 菟
    ubs refers
    ' to an ODBC DSN, which you can create using the ODBC Admin
    tool
    ' in Control Panel, 都 arefers to the UserName and 灯 refers to
    ' the Password.
    oConn.Open 菟 ubs 都 a

end sub
```

### Fetching data

```
sub Main()
    Set oConn = CreateObject("ADO.Connection")
    Set oRS = CreateObject("ADO.RecordSet")

    oConn.Connect "pubs", "sa", ""

    ' Open a recordset on the authors table
    Set oRS = oConn.Execute("select * from authors")

    ' print the author names from the authors recordset
    while not oRS.EOF
        Print oRS.Fields(殿 u_lname.value
        oRS.MoveNext
    wend

end sub
```

### Using a Command object to limit the number of rows returned

```
sub Main()

    Set oConn = CreateObject("ADO.Connection")
    Set oRS = CreateObject("ADO.RecordSet")
    Set oCmd = CreateObject("ADO.Command")

    ' setup the connection
    oConn.Connect "pubs", "sa", ""

    ' setup the command statement
    oCmd.CommandText = "select * from employee"

    'set the connection of the command object
    set oCmd.ActiveConnection = oConn

    ' retrieve only two records
    oCmd.MaxRecords = 2
```

```
' open the recordset with the command object
oRS.Open oCmd
```

```
end sub
```

## RELEASE NOTES (By Object)

This section lists the known issues with this version.

### **Command:**

If the CommandText is set after setting a property through the Command::Properties collection, the property is ignored.

### **Connection:**

The ConnectionString property returns the connection information only when an ODBC connect string is used.

Commit and abort retaining functionality doesn't work resulting in rowsets getting zombied after a CommitTrans/AbortTrans.

The Mode property is currently R/O.

### **Error:**

### **Parameter:**

Output and return valued parameters don't work.

Parameter direction is always reported as adParamInput.

### **Property:**

### **Recordset:**

AbsolutePosition/AbsolutePage property always returns -1.

Fetching non-defaulted values on a newly added row fails.

Fetching long valued columns works only with bookmarkable rowsets.

Fetching long valued columns on a newly added row under batch update mode fails.

## Sample File Descriptions

### **ISAPI example files.**

-- This is an ISAPI extension sample that works with MS Internet Information Server. This example queries a database, fetches data, formats the data in HTM format, and returns the data to the client browser.

### **Read example files.**

-- This sample generates timings for fetching data using different cursor types and cache sizes.

### **Employee example files.**

-- This example displays Employee data in a form. Allows users to scroll, insert, update, and delete data. NOTE: Existing employee records cannot be deleted from the table, because of referential integrity constraints.

### **GetRows example files.**

-- This example demonstrates the use of the Recordset Object's GetRows method.

### **ADOVBS example files.**

-- This example demonstrates the use ADO from HTML and VBScript.