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## OpenConnection

The invocation of the *OpenConnection* as a Sub is mandatory before any other use of the *Access2Base* API. It initializes the resources needed to process inside the API the subsequent invocations to its methods and actions.

tags:  
Methods

- If the document is a Base document (suffix = ".odb") then a link is established with its database.
- If the document is not a Base document (a Writer, Calc, ... document), then a link is established with each database associated with the **standalone forms** contained in the document.

### Applies to ...

Object	Description
<b>Application</b>	Root class. When present, its name must be "Application" but the object name is optional.

### Syntax when invoked from a usual Base document (.odb file)

Call `[Application.]OpenConnection (ThisDatabaseDocument)`

Argument	Optional	Type	Description
<code>ThisDatabaseDocument</code>	No	<code>com.sun.star.comp.dba.ODatabaseDocument</code>	Must be exactly spelled as is.

### Syntax when invoked from document containing one or more standalone forms (Writer, Calc, ... file)

Call `[Application.]OpenConnection (ThisComponent)`

Argument	Optional	Type	Description
<code>ThisComponent</code>	No	<code>SwXTextDocument</code>	Must be exactly spelled as is.

### Remarks

- If the access to the database requires a *login* and if not yet done, the user will be prompted for entering a username and a password.
- The syntax that was valid up to *Access2Base* version 1.0.0 is still accepted. However the *username* and *password* arguments are ignored.

### See also

**CloseConnection**

**CurrentDb**

**Database**

**Install**

**OpenDatabase**

**Standalone Forms**

## Example

The Call OpenConnection sentence is usually invoked in the macro linked to the *OpenDocument event* of the (Base or non-Base) document.

```
Sub DBOpen(Optional poEvent As Object)
    If GlobalScope.BasicLibraries.hasByName("Access2Base") then
        GlobalScope.BasicLibraries.loadLibrary("Access2Base")
    End If
    Call Application.OpenConnection(ThisDatabaseDocument)
End Sub
```

Reconnect database after unwanted disconnection

```
If IsNull(Application.CurrentDb) Then Call Application.OpenConnection(ThisDatabaseDocument)
```

Connect all standalone form contained in a non-Base document to their target databases:

```
Sub DBOpen(Optional poEvent As Object)
    If GlobalScope.BasicLibraries.hasByName("Access2Base") then
        GlobalScope.BasicLibraries.loadLibrary("Access2Base")
    End If
    Call Application.OpenConnection(ThisComponent)
End Sub
```

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