SysCmd

The *SysCmd* method displays a progress meter or optional specified text in the status bar. By calling the *SysCmd* method with the various progress meter actions, you can display a progress meter in the status bar for an operation that has a known duration or number of steps, and update it to indicate the progress of the operation.

tags:
Actions

Applies to ...

Object	Description
DoCmd	Root class. When present, its name must be "`DoCmd`" but the object name is optional.

Syntax

`[DoCmd.]SysCmd(Action, Text, Value)`

Argument	Optional	Type or Symbol	Description
`Action`	No	acSysCmdAccessVer	Returns "LibreOffice x.y.z" or "OpenOffice x.y.z" where x.y.z is the version number. Use **Application.Version** instead.
		acSysCmdSetStatus	Sets the status bar text to the *text* argument.
		acSysCmdClearStatus	Resets the status bar to its usual content.
		acSysCmdInitMeter	Initializes the progress meter. You must specify the *Text* and *Value* arguments when you use this action.
		acSysCmdUpdateMeter	Updates the progress meter with the specified value. You must specify the text argument when you use this action.
		acSysCmdRemoveMeter	Removes the progress meter.
		acSysCmdRuntime	Returns *True* (–1) if a run-time version of *LibO/AOO* is running. Always returns *False*.
		acSysCmdAccessDir acSysCmdClearHelpTopic acSysCmdGetObjectState acSysCmdGetWorkgroupFile acSysCmdIniFile acSysCmdProfile	Returns *True* without doing anything.
`Text`	Yes	String	A string expression identifying the text to be displayed left-aligned in the status bar. This argument is required when the *action* argument is **acSysCmdInitMeter**, **acSysCmdUpdateMeter**, or **acSysCmdSetStatus**. This argument isn't valid for other action argument values.
`Value`	Yes	Integer Long	A numeric expression that controls the display of the progress meter. This argument is required when the *action* argument is **acSysCmdInitMeter**. This argument isn't valid for other action argument values.

The symbolic constants can be included in your code by copying and pasting next lines:

```
Const acSysCmdAccessVer = 7
Const acSysCmdClearStatus = 5
Const acSysCmdInitMeter = 1
Const acSysCmdRemoveMeter = 3
Const acSysCmdSetStatus = 4
Const acSysCmdUpdateMeter = 2
Const acSysCmdRuntime = 6

Const acSysCmdAccessDir = 9
Const acSysCmdClearHelpTopic = 11
Const acSysCmdGetObjectState = 10
Const acSysCmdGetWorkgroupFile = 13
Const acSysCmdIniFile = 8
Const acSysCmdProfile = 12
```

Remarks

- In *MSAccess* the *SysCmd* method is linked to the **Application** object.
- The *SysCmd* method will be often preceeded with a **SelectObject** action.
- Only status bars of *forms* and *reports* can be managed with the *SysCmd* method. When another window is active the method is ignored.
- To display a progress meter in the status bar, you must first call the *SysCmd* method with the **acSysCmdInitMeter** action argument, and the text and value arguments. When the action argument is **acSysCmdInitMeter**, the value argument is the maximum value of the meter, or 100 percent.
  To update the meter to show the progress of the operation, call the *SysCmd* method with the **acSysCmdUpdateMeter** action argument and the text and value arguments. When the action argument is **acSysCmdUpdateMeter**, the *SysCmd* method uses the value argument to calculate the percentage displayed by the meter. For example, if you set the maximum value to 200 and then update the meter with a value of 100, the progress meter will be half-filled.
- When a progress meter has been initiated with a **acSysCmdInitMeter** action argument, all subsequent calls to *SysCmd* to feed the meter will be applied on the status bar of the same window even if other windows become active in the mean time.
- You can also change the text that's displayed in the status bar of the currently active window by calling the *SysCmd* method with the **acSysCmdSetStatus** action argument and the text argument.
  If the progress meter is already displayed when you set the text by calling the *SysCmd* method with the **acSysCmdSetStatus** action argument, the *SysCmd* method automatically removes the meter, even if the progress meter is on another - non active - window.

Error messages

Arguments are missing or are not initialized
Argument nr. ... [Value = '...'] is invalid

See also

SelectObject

Example

To have a help text displayed in the status bar when a field receives the focus, link next code with the *When receiving focus* event of the concerned field:

```
Sub DisplayHelp(poEvent As Object)
'       Display help text in status bar when focus set on control

Dim oEvent As Object, ocControl As Object, sHelp As String
        On Error Resume Next            '       Never display an error message in a "When rece
        Set oEvent = Application.Events(poEvent)
        Set ocControl = oEvent.Source
        sHelp = ocControl.ControlTipText
```

```
        If Len(sHelp) > 0 Then Application.SysCmd(acSysCmdSetStatus, sHelp)

End Sub
```

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