

1. Class FormPosition

Mit dieser DLL werden damit behandelte Fenster auf dem Bildschirm positioniert. Die Position der Fenster wird beim Schliessen gespeichert. Eine reale Anwendung welche z.B. damit arbeitet ist «[ProjectWords1](#)»¹.

```
FormPosition :: Public Class FormPosition
| MovePosition :: Public Sub MovePosition(ByRef frm As System.Windows.Forms.Form)
| Open :: Public Sub Open(ByVal path As String)
| SavePosition :: Public Sub SavePosition(ByRef frm As System.Windows.Forms.Form)
```

2. Beispiel ex ProjectWords1

1.1 Hauptfenster «Form1»

```
Public Class Form1

    Public fx(4) As Windows.Forms.Form ' 0=Form2, 1=Form3, 2=Form4, 3=Form5
    Public t4f As Tool4Form.Tool4Form
    Public t4p As Tool4Param.Tool4Param
    Public fpos As FormPosition.FormPosition
```

¹ Datei mit den Positionen ist im Temp-Ordner des Benutzers abgelegt.



```
Private Sub Form1_Load(sender As Object, e As EventArgs) Handles Me.Load
    t4f = New Tool4Form.Tool4Form(Application.StartupPath, Application.ProductName)
    fpos = New FormPosition.FormPosition
    fpos.Open(Windows.Forms.Application.LocalUserAppDataPath)
    fpos.MovePosition(Me)

End Sub

Private Sub Form1_Closing(sender As Object, e As CancelEventArgs) Handles Me.Closing
    fpos.SavePosition(Me)
    Dim f As Windows.Forms.Form
    For Each f In fx
        If Not IsNothing(f) Then f.Close()
    Next

End Sub

Private Sub Form1_Resize(sender As Object, e As EventArgs) Handles Me.Resize

    Dim f As Windows.Forms.Form
    For Each f In fx
        If Not IsNothing(f) Then f.WindowState = Me.WindowState
    Next

End Sub

Private Sub Form1_KeyDown(sender As Object, e As KeyEventArgs) Handles Me.KeyDown
    If e.KeyValue = Keys.F1 Then : t4f.F1(Me)

End Sub

End Class
```

2.1 Untergeordnetes Fenster «Form3»

```
Public Class Form3
```

```
Private Sub Form3_Load(sender As Object, e As EventArgs) Handles Me.Load
```

```
    Form1.fpos.MovePosition(Me)  
    Form1.t4f.Text2Form(Me, ToolTip3)
```

```
End Sub
```

```
Private Sub Form3_Closing(sender As Object, e As CancelEventArgs) Handles Me.Closing
```

```
    Form1.fpos.SavePosition(Me)  
    If Not IsNothing(Form1.fx(2)) Then  
        Form1.fx(2).Close()  
        Form1.fx(2) = Nothing  
    End If
```

```
End Sub
```

```
Private Sub Form3_KeyDown(sender As Object, e As KeyEventArgs) Handles Me.KeyDown
```

```
    If e.KeyValue = Keys.F1 Then Form1.t4f.F1(Form1,, Me.Name)
```

```
End Sub
```

```
End Class
```