

Standard Section: Functions related to standard section

Property

Functions

afx_msg long **OSPropertyUI::SetStandardProfileDBFolder** (LPCTSTR strFolderName)

Sets standard profile database path.

afx_msg VARIANT **OSPropertyUI::GetStandardProfileDBFolder** ()

Gets standard profile database folder path.

afx_msg VARIANT **OSPropertyUI::GetDefaultStandardProfileDBFolder** ()

Gets standard profile default database folder path.

afx_msg VARIANT **OSPropertyUI::IsStandardDatabaseSection** (const VARIANT FAR &varSecRefNo)

Checks if the specified section property reference number is from standard section database source or not.

afx_msg VARIANT **OSPropertyUI::GetStandardSectionDatabaseName** (const VARIANT FAR &varSecRefNo)

Gets standard section database name for the specified section property reference number.

afx_msg VARIANT **OSPropertyUI::GetStandardSectionTableName** (const VARIANT FAR &varSecRefNo)

Get the table name from the standard section database for the specified standard section property reference number.

afx_msg VARIANT **OSPropertyUI::GetStandardSectionName** (const VARIANT FAR &varSecRefNo)

Get the section name from the standard section database and table for the specified standard section property reference number.

Detailed Description

These functions are related to standard section.

Function Documentation

◆ GetDefaultStandardProfileDBFolder()

VARIANT OSPropertyUI::GetDefaultStandardProfileDBFolder ()

Gets standard profile default database folder path.

Returns

The standard profile default database folder path.

VBA Syntax

```
Option Explicit

Sub Main
    Dim objOpenStaad As Object
    Dim stdFile As String

    Set objOpenStaad = GetObject(,"StaadPro.OpenSTAAD")
    objOpenStaad.GetSTAADFile stdFile, "TRUE"
    If stdFile="" Then
        MsgBox"Bad"
        Set objOpenStaad = Nothing
        Exit Sub
    End If

    Dim varReturnVal As String
    varReturnVal = objOpenStaad.Property.GetDefaultStandardProfileDBFolder()

    MsgBox"Standard profile default database location is "&varReturnVal

    Set objOpenStaad = Nothing
End Sub
```

See also

[OSPropertyUI::GetStandardProfileDBFolder](#)

[OSPropertyUI::SetStandardProfileDBFolder](#)

◆ GetStandardProfileDBFolder()

VARIANT OSPropertyUI::GetStandardProfileDBFolder ()

Gets standard profile database folder path.

Returns

The standard profile database folder path.

VBA Syntax

Option Explicit

```
Sub Main
    Dim objOpenStaad As Object
    Dim stdFile As String

    Set objOpenStaad = GetObject("StaadPro.OpenSTAAD")
    objOpenStaad.GetSTAADFile stdFile, "TRUE"
    If stdFile="" Then
        MsgBox"Bad"
        Set objOpenStaad = Nothing
        Exit Sub
    End If

    Dim varReturnVal As String
    varReturnVal = objOpenStaad.Property.GetStandardProfileDBFolder()

    MsgBox"Standard profile database location is "&varReturnVal

    Set objOpenStaad = Nothing
End Sub
```

See also

[OSPropertyUI::GetDefaultStandardProfileDBFolder](#)

[OSPropertyUI::SetStandardProfileDBFolder](#)

◆ GetStandardSectionDatabaseName()

VARIANT OSPropertyUI::GetStandardSectionDatabaseName (const VARIANT FAR & varSecRefNo)

Gets standard section database name for the specified section property reference number.

Parameters

[in] **varSecRefNo** The section property reference ID. (Type: Long/Integer)

Return values

<Non-Empty-String> The standard section database name.

<Empty-String> Specified section property reference does not belong to Standard section database.

VBA Syntax

```
Option Explicit

Sub Main
    Dim objOpenStaad As Object
    Dim stdFile As String

    Set objOpenStaad = GetObject("StaadPro.OpenSTAAD")
    objOpenStaad.GetSTAADFile stdFile, "TRUE"
    If stdFile="" Then
        MsgBox"Bad"
        Set objOpenStaad = Nothing
        Exit Sub
    End If

    'Get database name of section property #1.
    Dim varReturnVal As String
    varReturnVal = objOpenStaad.Property.GetStandardSectionDatabaseName(1)

    MsgBox"Standard section database name is "&varReturnVal

    Set objOpenStaad = Nothing
End Sub
```

See also

[OSPropertyUI::IsStandardDatabaseSection](#)

[OSPropertyUI::GetStandardSectionTableName](#)

[OSPropertyUI::GetStandardSectionName](#)

◆ GetStandardSectionName()

VARIANT OSPropertyUI::GetStandardSectionName (const VARIANT FAR & varSecRefNo)

Get the section name from the standard section database and table for the specified standard section property reference number.

Parameters

[in] **varSecRefNo** The section property reference ID. (Type: Long/Integer)

Return values

<Non-Empty-String> The standard section name.

<Empty-String> Specified section property does not belong to any table of Standard section database.

VBA Syntax

Option Explicit

```
Sub Main
    Dim objOpenStaad As Object
    Dim stdFile As String

    Set objOpenStaad = GetObject("StaadPro.OpenSTAAD")
    objOpenStaad.GetSTAADFile stdFile, "TRUE"
    If stdFile="" Then
        MsgBox"Bad"
        Set objOpenStaad = Nothing
        Exit Sub
    End If

    'Get section name of section property #1.
    Dim varReturnVal As String
    varReturnVal = objOpenStaad.Property.GetStandardSectionName(1)

    MsgBox"Standard section name is "&varReturnVal

    Set objOpenStaad = Nothing
End Sub
```

See also

[OSPropertyUI::IsStandardDatabaseSection](#)

[OSPropertyUI::GetStandardSectionDatabaseName](#)

[OSPropertyUI::GetStandardSectionTableName](#)

◆ GetStandardSectionTableName()

VARIANT OSPropertyUI::GetStandardSectionTableName (const VARIANT FAR & varSecRefNo)

Get the table name from the standard section database for the specified standard section property reference number.

Parameters

[in] **varSecRefNo** The section property reference ID. (Type: Long/Integer)

Return values

<Non-Empty-String> The standard section table name.

<Empty-String> Specified section property does not belong to any table of Standard section database.

VBA Syntax

Option Explicit

```
Sub Main
    Dim objOpenStaad As Object
    Dim stdFile As String

    Set objOpenStaad = GetObject("StaadPro.OpenSTAAD")
    objOpenStaad.GetSTAADFile stdFile, "TRUE"
    If stdFile="" Then
        MsgBox"Bad"
        Set objOpenStaad = Nothing
        Exit Sub
    End If

    'Get table name of section property #1.
    Dim varReturnVal As String
    varReturnVal = objOpenStaad.Property.GetStandardSectionTableName(1)

    MsgBox"Standard section table name is "&varReturnVal

    Set objOpenStaad = Nothing
End Sub
```

See also

[OSPropertyUI::IsStandardDatabaseSection](#)

[OSPropertyUI::GetStandardSectionDatabaseName](#)

[OSPropertyUI::GetStandardSectionName](#)

◆ IsStandardDatabaseSection()

VARIANT OSPropertyUI::IsStandardDatabaseSection (const VARIANT FAR & varSecRefNo)

Checks if the specified section property reference number is from standard section database source or not.

Parameters

[in] **nSecRefNo** The section property reference ID. (Type: Long/Integer)

Return values

TRUE Section source is standard database.

FALSE Section source is other than standard database.

VBA Syntax

Option Explicit

```
Sub Main
    Dim objOpenStaad As Object
    Dim stdFile As String

    Set objOpenStaad = GetObject(,"StaadPro.OpenSTAAD")
    objOpenStaad.GetSTAADFile stdFile, "TRUE"
    If stdFile="" Then
        MsgBox"Bad"
        Set objOpenStaad = Nothing
        Exit Sub
    End If

    'Get section source of section property #1.
    Dim varReturnVal As Boolean
    varReturnVal = objOpenStaad.Property.IsStandardDatabaseSection(1)

    If varReturnVal Then
        MsgBox"The source of referenced section is standard database."
    Else
        MsgBox"The source of referenced section is other than standard database."
    End If

    Set objOpenStaad = Nothing
End Sub
```

See also

[OSPropertyUI::GetStandardSectionDatabaseName](#)

[OSPropertyUI::GetStandardSectionTableName](#)

[OSPropertyUI::GetStandardSectionName](#)

◆ SetStandardProfileDBFolder()

long OSPropertyUI::SetStandardProfileDBFolder (LPCTSTR **strFolderName**)

Sets standard profile database path.

Parameters

[in] **strFolderName** Path of the folder.

Return values

0 Succeed.

-1 Error, If path is empty or does not exist.

VBA Syntax

Option Explicit

```
Sub Main
    Dim objOpenStaad As Object
    Dim stdFile As String

    Set objOpenStaad = GetObject(,"StaadPro.OpenSTAAD")
    objOpenStaad.GetSTAADFile stdFile, "TRUE"
    If stdFile="" Then
        MsgBox"Bad"
        Set objOpenStaad = Nothing
        Exit Sub
    End If

    Dim varReturnVal As Long
    varReturnVal = objOpenStaad.Property.SetStandardProfileDBFolder("C:\Staad.Pro
    2023\STAAD\Profiles")

    If varReturnVal < 0 Then
        MsgBox"Set standard profile database path unsuccessful."
    Else
        MsgBox"Set standard profile database path successful."
    End If

    Set objOpenStaad = Nothing
End Sub
```

See also

[OSPropertyUI::GetStandardProfileDBFolder](#)

[OSPropertyUI::GetDefaultStandardProfileDBFolder](#)

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