Load: Load Case Details

Load

Topics

Load Case Details: Load Items
Load Case Details: Load Combination
Load Case Details: Load Case Operation

Functions

afx_msg VARIANT	**OSLoadUI::GetPrimaryLoadCaseCount** ()
	Returns the total number of primary load cases present in the current structure.
afx_msg VARIANT	**OSLoadUI::SetLoadActive** (const VARIANT FAR &varLoadNo)
	Makes the specified load number active, in order to add or remove load item(s).

Detailed Description

These functions are related to Load Case Details

Function Documentation

◆ GetPrimaryLoadCaseCount()

VARIANT OSLoadUI::GetPrimaryLoadCaseCount ( )

Returns the total number of primary load cases present in the current structure.

Returns

The total number of primary load case(s).

C++ Syntax

```
// Count the primary load case(s).
VARIANT nPrimaryLoadCase = OSLoadUI::GetPrimaryLoadCaseCount();
```

VBA Syntax

```
' Count the primary load case(s).
Dim nPrimaryLoadCase As VARIANT = OSLoadUI.GetPrimaryLoadCaseCount()
```

◆ SetLoadActive()

VARIANT OSLoadUI::SetLoadActive (const VARIANT FAR & varLoadNo)

Makes the specified load number active, in order to add or remove load item(s).

Parameters

varLoadNo The load case reference number ID (type - Long/Integer).

Return values

TRUE　OK.

FALSE General error.

C++ Syntax

```
// Set load case #4 active
VARIANT nLoadCaseNo = OSLoadUI::SetLoadActive(4);
```

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
    ' Set load case #5 active
    Dim LoadNo As Long
    LoadNo = 5
    Dim bRes As Boolean
    bRes = objOpenStaad.Load.SetLoadActive(LoadNo)
    If bRes Then
        MsgBox"SetLoadActive Success"
    Else
        MsgBox"SetLoadActive Failed"
    End If

End Sub
```