

Set MyObject = GetObject("filepath", "objectclass")

Where:

MyObject

the Object name declared in a previous Dim statement.

filepath

the optional string providing the full file path and name of the file containing objects to retrieve. In the case of OpenSTAAD, this can be omitted, along with the trailing comma.

objectclass

the string representing the class of the object. In the case of OpenSTAAD, this is always *Staadpro.OpenSTAAD*.

Thus:

Set objName = GetObject("StaadPro.OpenSTAAD")

At the conclusion of your OpenSTAAD application, the OpenSTAAD object(s) should be terminated, to unlock the handles within the application to the OpenSTAAD functions, and to free system resources.

2.NewSTAADFile

This function creates a .STD file with specified length and force units.

VB Syntax

NewSTAADFile FileName, InputUnitForLength, InputUnitForForce

Where:

FileName

A string variable that will hold the name of the .STD file, which needs to be created.

InputUnitForLength

An integer variable that will hold the input unit to be assigned for length of the new .STD file. Value may vary from 0 to 7 (0- Inch, 1- Feet, 2- Feet, 3- CentiMeter, 4- Meter, 5- MilliMeter, 6 - DeciMeter, 7 – KiloMeter).

InputUnitForForce

An integer variable that will hold the input unit to be assigned for force of the new .STD file. Value may vary from 0 to 7 (0- Kilopound, 1- Pound, 2- Kilogram, 3-Metric Ton, 4- Newton, 5-Kilo Newton, 6- Mega Newton, 7- DecaNewton).

