6. SetInputUnits

This function sets the input units of length and force of the currently open .STD file.

VB Syntax

SetInputUnits *InputUnitForLength, InputUnitForForce*

Where:

InputUnitForLength

An integer variable that will hold the input unit to be assigned for length of the currently open .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 currently open .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).

7. UpdateStructure

This function updates the current structure.

VB Syntax

UpdateStructure

8. Geometry.AddNode

This function adds a node in the structure.

VB Syntax

Geometry.AddNode*CoordX, CoordY, CoordZ*

Where:

CoordX, CoordY, CoordZ

     Double variables providing the nodal coordinates X, Y and Z of the NodeNo.