



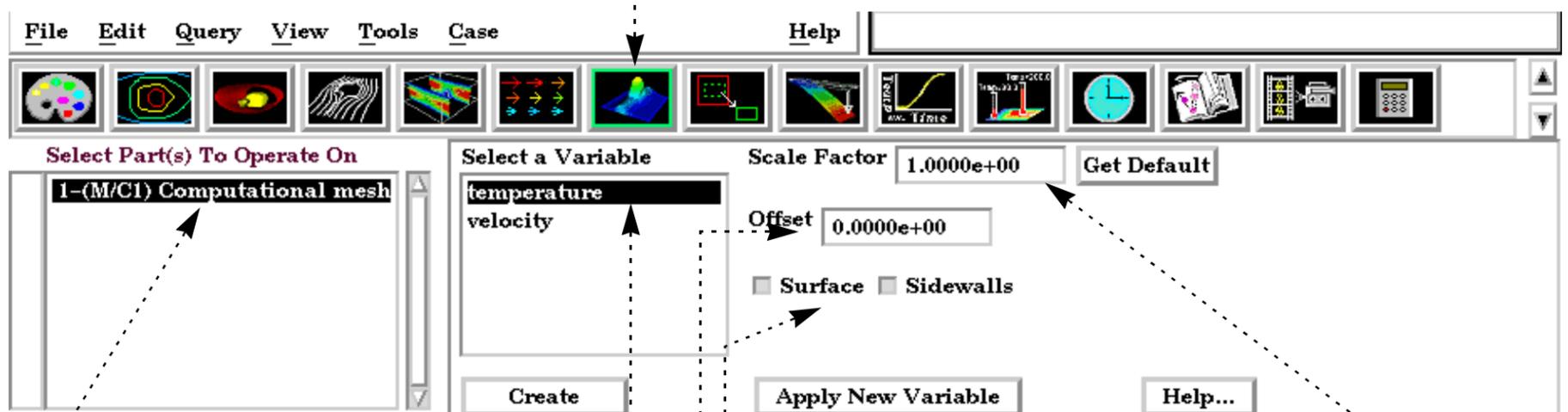
Create Elevated Surfaces

INTRODUCTION

An Elevated Surface is a 2D surface scaled (in the direction of the local surface normal of the parent part) based on the value of a variable. Elevated surfaces resemble topographic maps and are useful for accentuating relative differences in the value of a variable.

BASIC OPERATION

2. Click the elevated surface creation icon.



1. Select the parent part.

3. Select the variable to use.

4. Select an appropriate scale factor (or click the Get Default button).

5. If desired, enter an Offset value and press return. The Offset allows you to “shift” the elevated surface away from the parent, but does not effect the shape.

6. If desired, toggle Surface or Sidewalls off.

The Surface is the actual elevated surface. You can also have Sidewalls which stretch from the border of the parent to the border of the Surface to enclose the created part.

7. Click “Create”.

SEE ALSO

User Manual: [Elevated Surface Create/Update](#)