

## Exercise 4 - Creating/Editing Lines

### Creating Lines

- Execute edm
- Create a new window
- Left-button-drag a box and release mouse button
  - Select *Graphics*, then select *Lines*
  - Use default property settings and click *OK*

The mode changes and you may now create line end-points by clicking the left mouse button. Do so until you have created several segments of the line.

As the line segments are being created, the following operations may be performed:

- Left-click: Add a node to the end of the line
- Ctrl-middle-click: Remove last node created
- Shift-left-click or left-double-click: Terminate the line segment create operation

The next set of operations are performed after the mouse pointer has been located over a segment end-point node:

- Middle-press-and-drag: Move a node
- Right-click: Insert a new node
- Ctrl-right-click: Delete a node

Experiment with these operations as you create the line.

- Create several additional line-objects
  - Experiment with the following properties
    - *Line Thickness*
    - *Line Style*
    - *Arrow Options*
    - *Close Polygon*
    - *Line Color*
    - *Fill*
    - *Fill Color*

## Editing Lines

- Left-clicking on a selected line object brings up a menu from which you may choose *Edit Line Properties* or *Edit Line Segments*
  - Choosing *Edit Line Properties* brings up the property dialog box from which line attributes may be modified
  - Choosing *Edit Line Segments* changes the mode in a manner similar to that when line segments are being created. All mouse operations are identical to those for creating segments with one exception. Shift-right-click is an additional operation that aborts all segment edits.

Experiment with editing both properties and segments for the line objects you have created.

## Close Display File

- Close the display file and abort changes to complete this exercise.