

LG - Example 7

LaGriT Example: Triangulate Multiple Polygons and Modify Triangle Size With message to Refine, Derefine and Smooth

- 01_triangulate_polygons
- 02_refine_smooth_triangles
- 03_message_one_material
- 04_message_two_material
- 05_message_three_material
- 06_message_four_material

input.lgi
lagrit.input_refine_smooth
lagrit.input_smooth_recon
lagrit.input_tri_macro

```
*--* ex_polygon_multi
*--* Header Begin
*--* LAGriT Example Input file
* Carl Gable
* gable -at- lanl -dot- gov
*
*--*
*--* Triangulate a set of polygons,
*--* Stitch the polygons together,
*--* Refine and smooth the final 2D mesh.
*--* Use MESSAGE to de-refine the mesh.
*--*
*--*-----
*--* Header End
*--* ex_polygon_multi
*--*
*
```