

Release Notes LaGriT version of Spring 2000

A summary of the major changes found in this release are listed below. A complete list of changes is included at the end of this document. Refer to the user's manual for a complete description of the new, enhanced and revised commands.

New Commands:

- intersect_element** intersect two mesh objects and create an element based attribute (xsect_cm) that holds the number of times the sink element was intersected by a source element
Intersect_elements/sink_mo/source_mo/[attribute_name]
- lower_d** extract lower dimensional meshes from the current mesh object, create data structure for the lower dimension objects that parallel the top d default structure: [d1_nnodes, d1_elements, d1_itet, d1_jtet, di_itetoff, d1_jtetoff, d1_itetclr, d1_itettyp] [d2_nnodes,.....]

Enhanced Commands:

extract/network

read/gmvfreeformat read in an ascii gmv file that is to be read with read (unit,*) statements.

Bugs:

12/13/99 rzbrick3 check nuds before setting end point and ratio flags

Code Improvements:

12/03/99 lower_d_lg, cmo_copyatt_mpno_lg copy all user attribute from one mesh object to another - used by lower_d set of subroutines.

12/13/99 pset allow either comparitor/value or value/comparitor in syntax of command.

12/14/99 readdump, readgmv_ascii new option read/gmvfreeformat uses read(unit,*) statements.

Code Changes:

12/11/99 r rt