

ZZZZ206 - Operator CREA_MAILLAGE : validation of the keyword QUAD_LINE

Summary:

The objective of this CAS-test is to validate the keyword `QUAD_LINE` of the operator `CREA_MAILLAGE`. This keyword makes it possible to convert a quadratic grid into a linear grid. Conversions tested are the following ones:

- 1D :
 - `SEG3` towards `SEG2`
- 2D :
 - `TRIA6` towards `TRIA3`
 - `QUAD8` towards `QUAD4`
 - `QUAD9` towards `QUAD4`
- 3D :
 - `TETRA10` towards `TETRA4`
 - `PENTA15` towards `PENTA6`
 - `PYRAM13` towards `PYRAM5`
 - `HEXA20` towards `HEXA8`
 - `HEXA27` towards `HEXA8`

To test the contents of the files results, the order is used `TEST_FICHER` who is based on a sum of control md5.

This documentation is voluntarily brief.