

ZZZZ240 – Validation of EXTR_RESU/RESTREINT

Summary:

This test does not have any physical meaning, it is primarily a data-processing test.

Modeling a:

1. Creation of one `evol_ther` TEMP1 on a grid MA1 ;
2. Creation of one `evol_noli` U1 (which uses TEMP1) on a grid MA1 ;
3. Impression of MA1 on a subset of the meshes of MA1 ;
4. Impression of TEMP1 on a subset of the meshes of MA1 with the order EXTR_RESU/RESTREINT ;
5. Impression of U1 on a subset of the meshes of MA1 with the order EXTR_RESU/RESTREINT ;
6. Second reading of the file created containing at the same time the grid (MA2), structures of data `evol_ther` (TEMP2) and `evol_noli` (U2);
7. Manufacturing of a material field on MA2 ;
8. Checking of the good performance of the orders MACR_LIGNE_COUP, POST_ELEM and CALC_CHAMP on U2 ;
9. Checking that contents of U2 is the same one as that of U1 on the meshes selected.

This documentation is voluntarily brief.