

## ZZZZ162 – Validation of the writing and the second reading of the fields to format MED

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### Summary:

The objective of this CAS-test is to validate the writing and the second reading of the fields to the format `MED` for thermic analyses and mechanical.

For each analysis, one prints the results with the format `MED` that one reads again and tests then. The validation relates to them:

- Mots-keys:
  - `GROUP_NO` , `GROUP_MA` , `NODE` , `MESH` of the operator `IMPR_RESU` ,
- Opérateurs
  - `LIRE_RESU ( 'FORMAT=' MED')` for a list of moments and/or numéros of order,
  - `CREA_TABLE/RESU : CHAM_NO` and `CHAM_ELEM` ,
  - `IMPR_RESU/FORMAT MED : NOM_RESU_MED` ,
  - `IMPR_RESU` and `LIRE_RESU` with the format `MED` for one `EVOL_VARC` .

On tests the temperature, displacements and the constraints.

Two modelings are proposed:

- Modeling `With` : thermal analysis and mechanics in `AXIS`,
- Modeling `B` : thermal analysis and mechanics in `3D`.

This documentation is voluntarily brief.