

Modular Multiphysics Simulation using VMAP



Thermal Analysis

Export: Mesh & Results:
Temperature, Heat flux



inuTech

Structural Analysis

Export: Mesh & Results:
Stress, Displacements

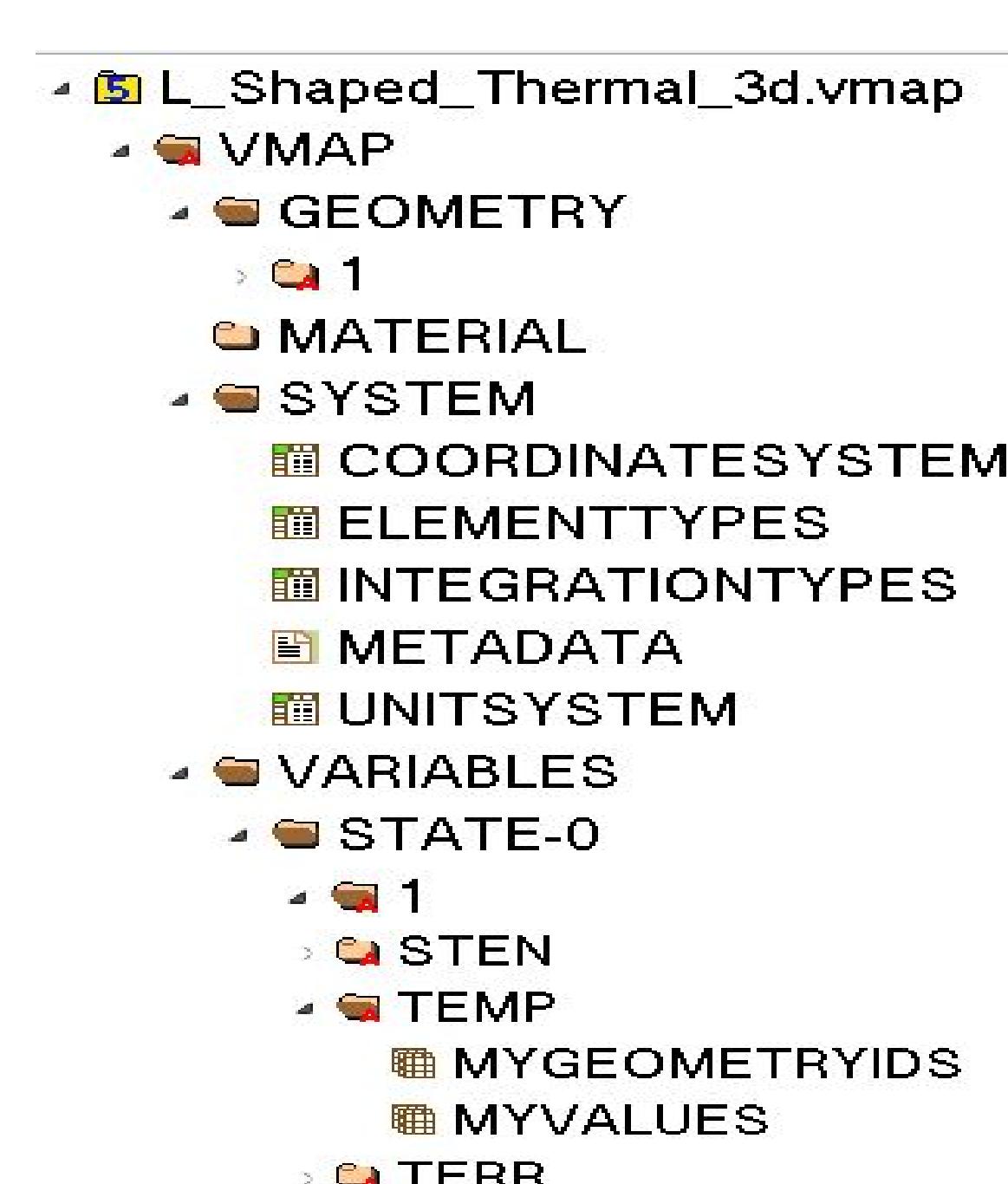
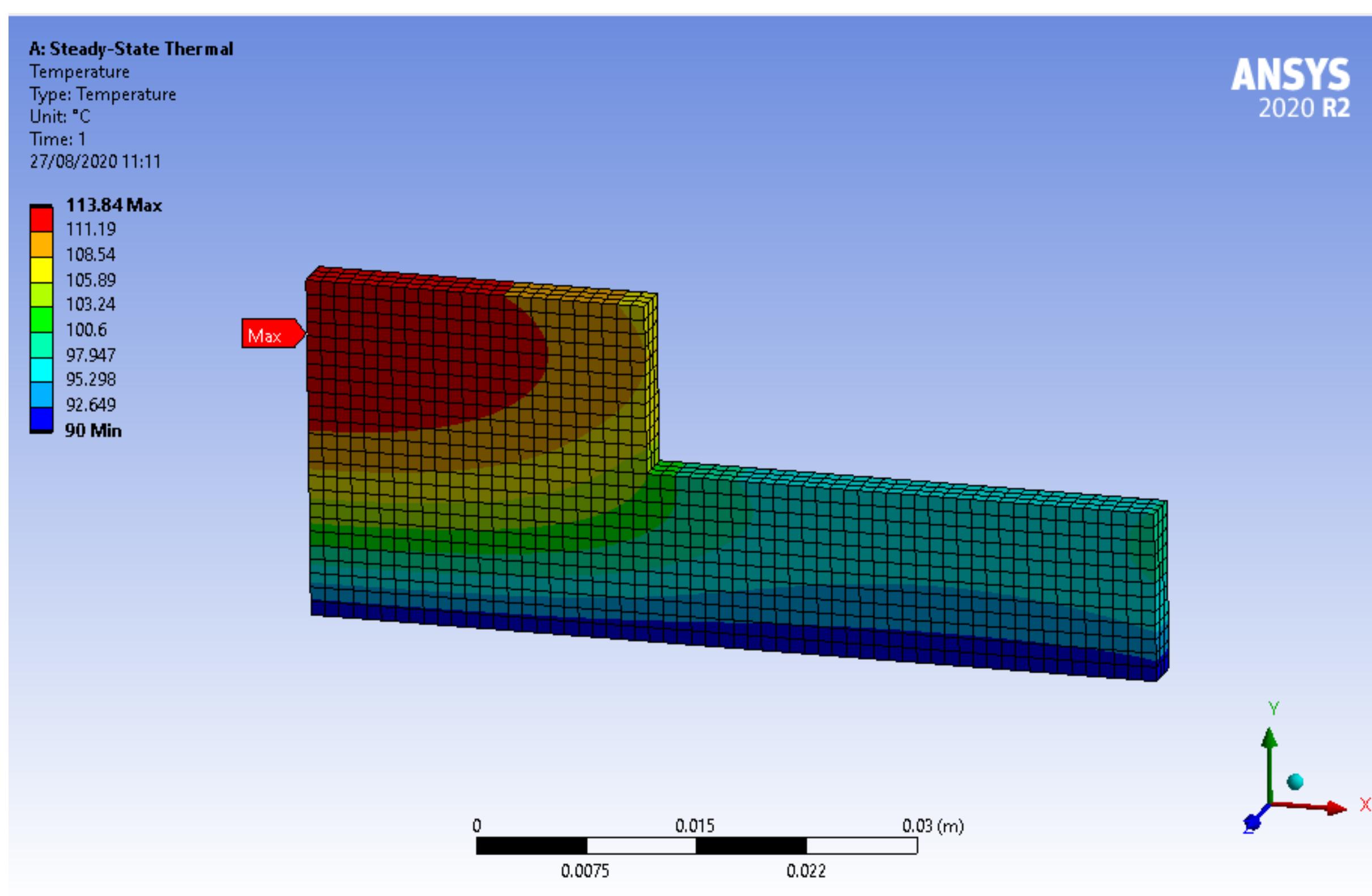
ANSYS Wrapper as an ACT Plugin supports VMAP v.0.5.2

- VMAP to ANSYS
 - Mesh data
 - Unit systems
 - Coordinate System
 - Nodal coordinates
- ANSYS to VMAP
 - Mesh data and state variables

Diffpack from inuTech GmbH supports VMAP v.0.5.2

- Programming environment for numerical modelling and solution of PDEs
- *Diffpack2VMAP* and *VMAP2Diffpack Converter*
(Meta information, coordinates, elements, state variables)

Thermo-structural analysis of an L-shaped Beam



Join VMAP Standards Community

