

# Finite-Element-Modeling

Training, Support and Sale  
for FEMAP, NX NASTRAN and CODE\_ASTER



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## Our declaration of interest in Code-Aster

### Why did we start to work with Code-Aster?

In 2004 we used a commercial software for nonlinear structural analysis. After wasting time and having troubles and discussions with the commercial support hotline and not getting resolved lots of malfunctions which we reported, we decided to try to solve our problems with a free software (no license cost). We choose Code-Aster because of it's great capabilities in nonlinearity.

### What is our customers attitude to Code-Aster as Open-Source-Software?

Some of our customers for which we accomplish finite-element-analyses have strong rules regarding the employed software. That's why we use certain commercial FE-software. Other customers leave the choice to us regarding the employed software. Some others of our customers got us to know because they were looking for free software and participated at our Code-Aster-seminars. Of course they insist that we use Code-Aster when helping them with FE-analysis. They use our models as reference to learn from it.

### What is our customers interest for open source?

Example: One of our customer uses 2 commercial softwares: for FE-analysis (1) and for a subsequent fatigue analysis (2). Postprocessing the results of (1), editing, copying and transferring them in a suitable format for (2) costs him several days for only one (rather big) FE-model. He is now substituting (1) by Code-Aster for this kind of analyses. We are programing in Python all the postprocessing, editing, copying and transferring steps, everything will run

automatically. He plans to use the time gained for parametric studies in the future.

**Our offer regarding CODE-ASTER and SALOME-MECA:**

Seminars (class room /individual /Inhouse)

Support (Annual contract or project based)

Translators, from / to Your preferred Pre- and Postprocessor: