Modular Run Management

Training	Modular Run Management with ANSA and META
Duration	1 days (8 hours)
Level	Advanced
Who should attend	CAE analysts who set-up simulations and assess simulation results
Training description and objectives	This course provides an insight to the tools and methodologies that are employed for the efficient modular management of Simulation Models in ANSA. Upon course completion, participants should be able to: - Work in a data management environment - Define Loadcases and create Loadcase Templates - Build Simulation Runs and create simulation iterations - Create, store, view and compare key results
Prerequisites	Participants should have a basic knowledge of the software and must have attended the *Modular Model Management* training
Language	English *ask for more languages*

Course content is subject to change without notice.
Course content and duration may be adjusted to audience requirements or background.

Suggested topics
Day 1
Simulation Run Management in ANSA

- Library Items
    - Definition and types of Rich Library Items (RLIs)
    - Creating RLIs
    - Saving and Adding RLIs in DM
    - RLIs in the DM Browser
    - Indexing in DM
    - Parameters
- Loadcase set-up
    - Creation of Loadcase
    - Adaptation of Library Items
    - Definition of transformations
    - Adaptation of Ids
    - Use of parameters
- Simulation Run creation
- Control the layout of the Run file
- Save Simulation Run in DM
    - Saving options
- Simulation Runs in the DM Browser
- Create new Run Iterations
- Compare Runs in terms of contents

Special Topics
- The Modular Environment Profile - The use of a Simulation Configurations Table - ANSA Migration plugin: "From Includes to Model Browser"
Key Results Management in ANSA
- View and compare key results in the DM Browser - Save key results in DM using META sessions - Save key results in DM using Python scripting
Exercise
Set up a Simulation Run and save key results in DM using META and python scripting