

Introduction to ANSA scripting

Training	Introduction to ANSA scripting
Duration	1 days (8 hours)
Level	Entry
Who should attend	CAE analysts who work on various disciplines and want to create automation processes.
Training description & objectives	<p>Automation is an ANSA key feature. This course introduces the basic principles of python scripting language and the interaction with ANSA in for building pre-processing automated processes.</p> <p>Upon course completion, users will become familiar with the ANSA scripting tools, the fundamentals in python language and able to :</p> <ul style="list-style-type: none"> – Understand the concept of Python and object oriented programming. – Interact with ANSA entities through scripting. – Use the embedded script editor to build their own scripts. – Deal with txt files. – Understand the concept of the ANSA_TRANSL file.
Prerequisites	Basic knowledge of ANSA
Suggestions	This course is necessary for users who will attend the “Advanced pre-processing automation and scripting with ANSA” course with which this course can be combined.
Language	English, German <i>*ask for more languages</i>



Suggested topics

Day 1

- Introduction to the Python programming language
- Introduction to object oriented programming
- Introduction to the ANSA application programming interface
- Interacting with ANSA entities
- Handling of text (Ascii) files
- Handling scripts
- Introduction to ANSA_TRANSL file (load massively scripts, CAD_Translate function)
- Introduction to graphical user interface programming with ANSA

Course content is subject to change without notice.

Course content may be adjusted to audience requirements or background.