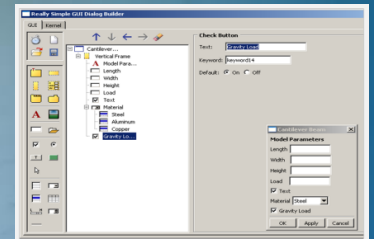


ADVANCED ABAQUS SCRIPTING

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: Abaqus
Disciplines: Structures

Audience
This course is recommended for all Abaqus users who have a basic familiarity of scripting and are looking to sharpen their skills.

Why take this course?

This course is offered as a follow-up to the Introduction to Abaqus Scripting course. It is a deeper dive into both Python and the Abaqus Scripting Interface and gives users more hands on exposure with practically oriented workshops of moderate complexity. This course also provides pointers for more specialized and advanced topics.

What will you learn?

After attending this course, students will be able to:

- Write scripts of moderate complexity to automate pre- and postprocessing tasks and improve productivity
- Use best practices for maintaining Abaqus scripts and optimizing their performance
- Use advanced techniques to take advantage of the Abaqus Object Model
- Set up parametric studies using ASI
- Build and modify simple GUI Plug-ins using the Really

Simple GUI (RSG) framework

- Leverage built-in features of Python to build applications
- Write Python scripts for utility tasks that interface with the operating system and file system
- Understand how to locate and utilize powerful third-party Python modules
- Understand and utilize Python's object-oriented features

Explore Your Learning Options

Live Sessions	Engage in Real-Time, interactive group workshops guided by experts. Learn and collaborate live in your preferred language and time zone.	Join a live session
On-Demand Learning	Access expert-designed courses anytime, anywhere. Perfect for independent learners looking to build skills on their schedule.	Start Learning Now
Private Training	Exclusive, tailor-made sessions designed to meet your team's unique goals with expert guidance.	Contact Us for Custom Training



Gain hands-on experience and master real-world workflows through guided, practical training sessions.

Apply nonlinear analysis techniques to simulate complex structural and multiphysics problems accurately.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

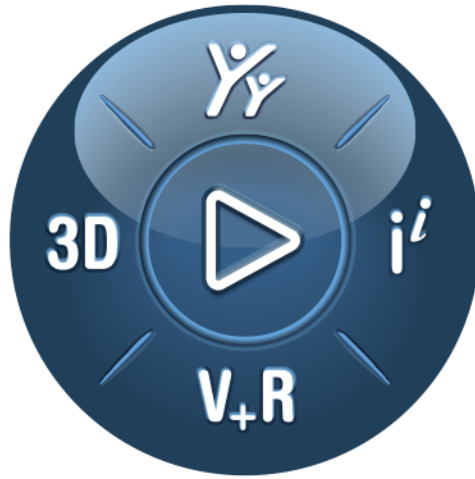
The Introduction to Abaqus Scripting course is highly recommended before attending this seminar. Users proficient with programming (in at least one language) and who are reasonably familiar with Abaqus/CAE may attend both seminars in series. More experience is recommended for the advanced course.

Want to Learn More?

Expand your knowledge by exploring our [course Catalog](#) and browsing learning paths on [Eduspace](#), our dedicated e-learning platform.

Join the Community!

[Join the SIMULIA community](#) to connect, learn, and stay updated.



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