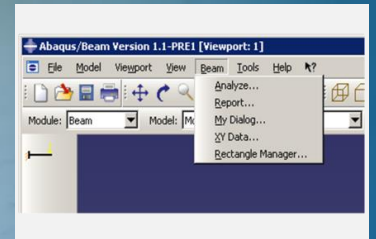


GUI CUSTOMIZATION WITH ABAQUS

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: Abaqus
Disciplines: Structures

Audience
 This course is recommended for users interested in modifying and extending the capabilities of Abaqus by customizing their Abaqus interface.

Why take this course?

Increasingly, Abaqus is being applied to more routine, repeatable workflows and analysis procedures. These workflows can be captured using specialized Abaqus Process Automation tools. One of the more commonly used Process Automation tools is the Abaqus GUI Toolkit. The Abaqus GUI Toolkit provides programming routines that allow you to change the Abaqus graphical user interface (GUI) and build customized applications. Such applications can enable you to capture proven Abaqus-centric workflows and methods for deployment to a wider range of users and generate Abaqus solutions more efficiently and reliably. This course covers basic syntax and the fundamentals of the Abaqus GUI Toolkit through a combination of lectures, examples and workshops. The hands-on workshops are an integral component of learning about the Abaqus GUI Toolkit and represent a significant portion of the course experience. The workshops focus on distinct aspects of the GUI Toolkit and build upon each other in order to create a complete stand-alone application.

What will you learn?

Upon completion of this course you will be able to:

- Build dialogs and issue commands from the GUI
- Create and modify GUI modules and toolsets
- Create custom applications

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

This course assumes prior knowledge of the Python programming language and the Abaqus kernel commands. Thus, students must attend the Introduction to Abaqus Scripting course prior to attending this class. Experience with object-oriented programming and GU

Want to Learn More?

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

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