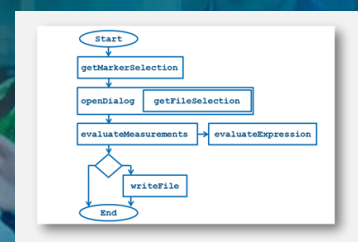


SIMPACK SCRIPTING

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: Simpack
Disciplines: Motion & Multibody System

Audience
 Simpack users wishing to automate any tasks in Simpack

Why take this course?

This course explains how to automate tasks in Simpack Pre and Post through scripting. It provides user experience in terms of writing, running and debugging scripts.

What will you learn?

This course provides an overview of the Simpack scripting capabilities and possible applications.

- Upon completion of this course you will be able to:
- Understand the basics of the scripting language.

- Use Simpack-specific scripting classes.
- Create examples for the most common scripting applications.
- Write, run and debug scripts.

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.

Model and analyze the dynamic behavior of multibody systems for accurate motion and vibration predictions.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

Completion of the Introduction to Simpack training course. Basic programming knowledge is required.

Agenda for Virtual Live Sessions

Participate in hands-on, real-time workshops where you'll gain practical expertise. Here's what you'll cover:

[Join an Instructor Led Session](#)

Day 1

Lesson 1: Scripting Overview
Workshop 1: Require Function
Lesson 2: Scripting with Simpack
Workshop 2: Scripting Manager
Workshop 3: Macro Recording
Lesson 3: Advanced Pre Scripting
Workshop 4: Advanced Pre Scripting Examples
Workshop 5: Debugger
Workshop 6: ISS Location with REST API
Lesson 4: Solver Scripting
Workshop 7: Solver Scripting Examples
Lesson 5: Post Scripting
Workshop 8: Create and Register a Script Function
Lesson 6: COM Interface for Simpack

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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