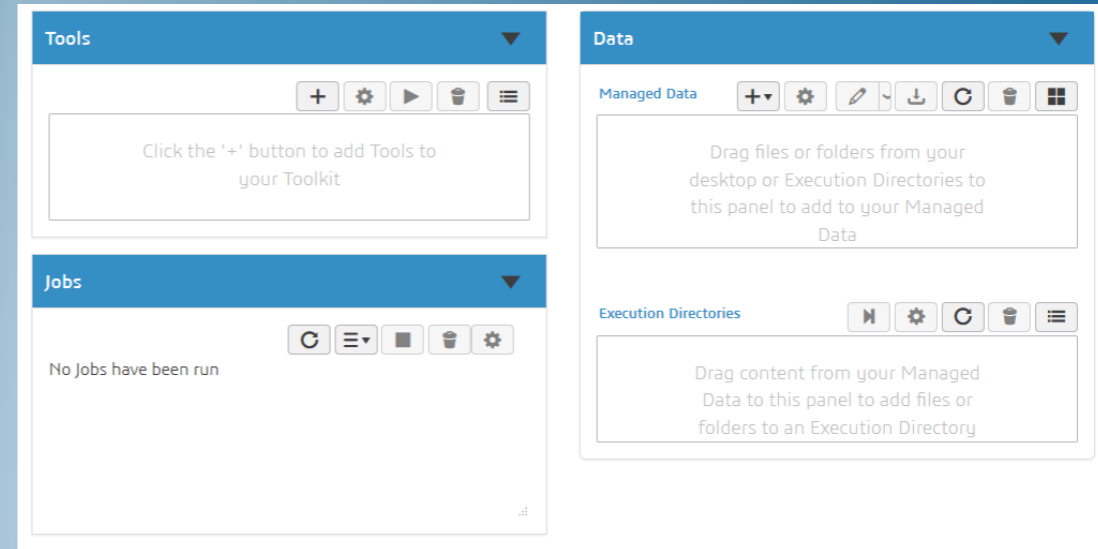


Simulation Companion Essentials

R2017x



3DEXPERIENCE®



About this Course

Course objectives

Upon completion of this course you will be able to:

- ▶ Complete basic ad-hoc simulation workflows using Simulation Companion.
- ▶ Set up a 3DDashboard experience for conducting ad-hoc simulation workflows
- ▶ Initialize and manage a new ad-hoc simulation workflow
- ▶ Configure and run simulation tools
- ▶ Manage Simulation Companion processes

Targeted audience

This course is intended for the following role:

- ▶ Simulation Asset Management

Prerequisites

None



2 hours

Day 1

- ▶ Lesson 1 Simulation Companion
- ▶ Workshop 1 Tube Crush Analysis
- ▶ Workshop 2 Creating Custom Tools

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Training Schedule & Registration


We offer regularly scheduled public seminars as well as training courses at customer sites. An extensive range of courses are available, ranging from basic introductions to advanced courses that cover specific analysis topics and applications. On-site courses can be customized to focus on topics of particular interest to the customer, based on the customer's prior specification. To view the worldwide course schedule and to register for a course, visit the links below.

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- > By Location
- > By Course

International



- > By Location
- > By Course

Live Online Training



- > Full Schedule

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Revision Status

Lesson 1	2/17	Updated for R2017x
Workshop 1	2/17	Updated for R2017x
Workshop 2	2/17	Updated for R2017x

Lesson 1: Simulation Companion

Lesson content:

- ▶ V+R Process Apps
 - ❑ Simulation Companion
 - ❑ Process Composer
 - ❑ Process Experience Studio
 - ❑ Performance Study
 - ❑ Results Analytics
- ▶ Overview of Simulation Companion
- ▶ Simulation Companion User Interface
- ▶ Tools
- ▶ Data Management
- ▶ Jobs
- ▶ Managing Variations



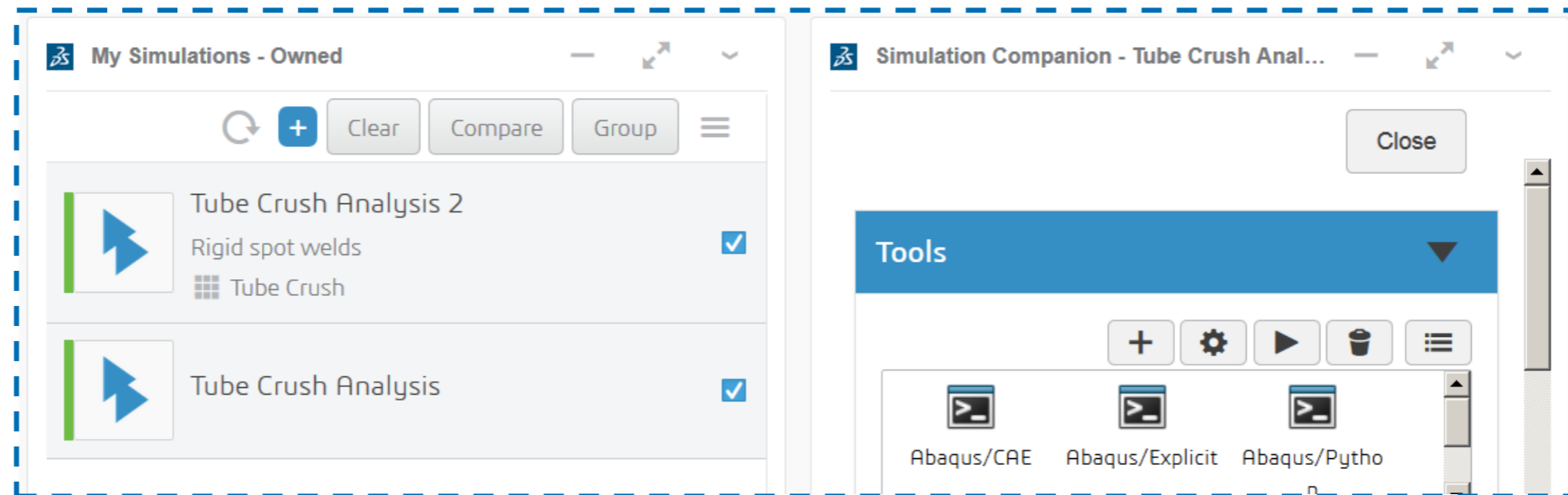
45 minutes

Workshop 1: Tube Crush Analysis

As an expert in the analysis group, you've been asked to simulate the behavior of a tube crush. Since you don't have a best-practice process for simulating a tube crush and will need to work in an ad-hoc fashion, you will use Simulation Companion to capture your work and to help you with the logistics of those ad-hoc simulation tasks. One of your colleagues has provided you with a model database (.cae) file; you'll start your work from that.

After completion of this workshop, you will be able to:

- Connect to the Web Dashboard
- Create a Simulation Companion Process
- Configure the Simulation Companion Tools
- Execute a Simulation Companion Process
- Copy a Simulation Companion Process
- Reuse a Simulation Companion Process



1 hour

