SOLIDserver REST API

Training Course

SOLIDserver software version:

8.x

Course type:

Instructor-led (on-site, virtual)

Duration:

8 hours, 1 day for on-site class

Audience:

Developers, DevOps

Prerequisites:

Attendance to the course 'SOLIDserver DDI Administration', experience working with development framework

Teaching Methodology:

Lectures and hands-on labs

Certification:

No

Training Summary

Overview:

Via the hands-on training, the participants will acquire the knowledge to enable interworking with the SOLIDserver appliance via the REST API.

Objectives:

By the end of the course, the students will be able to:

- Describe the SOLIDserver API Fundamentals
- Send REST Calls and analyze the Responses
- Handle the Class Parameters in the API Calls
- Send RPC Calls via the API

Course Content

Introducing SOLIDserver REST API

• Describe the API Basics

• Describe the concept of SOLIDserver services

• Use the SOLIDserver API Reference Guides

REST API Description

• Describe the fundamentals about REST API

• Describe the calls implemented for interfacing with SOLIDserver

• Describes the format of SOLIDserver Services

• Set the API user environment to send calls

List Services

• Learn the grammar and syntax of SOLIDserver REST API services

• Send calls to list objects

Add & Edit Services

• Send calls to add an object

• Send calls to edit an object

Count, Info & Delete Services

• Send calls to count objects

• Send calls to retrieve the properties of an object

• Send calls to delete objects

Class Parameter Tagging

• Set and Retrieve Class Parameters using the API

• Describe the purpose of Tags

• Tag a Class Parameter using the WHERE and ORDERBY clauses

RPC Services & Debugging API Calls

• Send RPC calls to SOLIDserver

• Troubleshoot API calls using logs or a Telnet session

Use Cases

• Programming languages to send API calls to SOLIDserver

• Integration into an orchestration solution for IP network deployment