

# 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



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