

## OPENKM DEVELOPER CERTIFICATION

### MODULE 1. INTRODUCTION

- Maintaining the development environment
- How to transfer the application to another computer
- Working with IntelliJ

### MODULE 2. WORKING WITH THE PLUGIN SYSTEM

- Events and variables shared in Automation actions
- Controlling recursion in automatic tasks
- Types of parameters, cataloging, and security in Automation
- Validations and priority in the execution of Automation
- CRON security and configuration parameters
- Validating form fields, from the server
- Set metadata defaults
- Dynamic metadata source and cache refresh
- History of metadata and extended columns
- Validating forms with complex logic
- Good practices in background process control

### MODULE 3. REPORTS

- How to create reports (Part 1)
- How to create reports (Part 2)
- How to create reports (Part 3)
- Reporting in the UI with the plugin system

## MODULE 4. EXTENDING THE FUNCTIONALITIES OF THE GRAPHICAL INTERFACE

- Extending user interface capabilities
- Custom actions and Kcenter API calls

## MODULE 5. INTRODUCTION TO THE JAVA SDK

- Introduction to sdk4j
- Best practices with sdk4j
- Best practices with the sdk4j in the data request
- Most common methods in the sdk4j

## MODULE 6. EXTENDING FUNCTIONALITIES WITH AN EXTERNAL APPLICATION

- Extending UI functionality by using an external application
- Example of a basic external application
- Advanced example – Configuration – part 1
- Advanced example – Analysis - part 2
- Integrating the preview into an external application

## MODULE 7. INTRODUCTION TO THE .NET SDK

- Introduction to the SDK for .Net, practical example.
- Using SDK.Net-based graphical library for Windows Forms.

## MODULE 8. INTRODUCTION TO THE SDK FOR NODE.JS

- Introduction to sdk4nodejs
- Example of Vue with the sdk4nodejs
- Advanced example with Vue - part 1
- Advanced example with Vue - part 2

