KOENIG step forward

THE LINUX FOUNDATION AUTHORIZED TRAINING PARTNER

KOENIG SOLUTIONS · COURSE OUTLINE

CDM for Java Developers

1 Day	1	10	TDH310
DURATION	MODULES	TOPICS	COURSE CODE

COURSE OVERVIEW

Post-trade systems increasingly need standard, interoperable ways to represent trades, events, and workflow steps. FINOS CDM provides that common model, but applying it in Java takes hands-on practice beyond reading the specification. This workshop builds that practice by connecting CDM, FpML, and Java in a working project. Take on post-trade engineering, lifecycle automation, and financial data integration roles within Java-based trade architectures.

WHO THIS COURSE IS FOR

- For Java developers, integration engineers, and technical business analysts building post-trade lifecycle, regulatory reporting, or CDM integration systems.

PREREQUISITES

- To make the most of this course, learners should have: Practical proficiency in Java programming, using Java 8 or later for financial application development Working knowledge of Apache Maven for project lifecycle management, including dependency resolution and running builds or tests via CLI or IDE Foundational experience with JSON processing in Java, including serialization and deserialization using Jackson and the JavaTimeModule Conceptual understanding of the financial trade lifecycle, including trade execution, contract formation, state transitions, and novation events Exposure to industry data standards such as FpML, which is advantageous for contextualizing CDM mapping and integration tasks Prior completion of “Introduction to the Common Domain Model” (LFEL1016) or equivalent familiarity with CDM architectural primitives

Lab Info

- No prerequisites. The lab is provided for the learner.

LEARNING OBJECTIVES

What You Will Learn

- Load and resolve CDM WorkflowStep objects, implement validation and qualification logic, and construct partial termination and novation state transitions in Java.

COURSE SYLLABUS

1 Module, 10 Topics

01

Course Modules

TOPICS

- Course Introduction
- CDM, FpML, and Post-Trade Workflow Foundations
- Workshop Project Setup and Framework Dependencies
- Input Sample Resolution and Contract Formation
- CDM Validation and Qualification Processors
- Persistence of CDM Workflow Artifacts
- Native CDM State Transitions: Contract Formation to Partial Termination
- Native CDM State Transitions: Partial Termination to Novation
- Validating, Qualifying, and Persisting Novation Outputs
- Review, Extension Points, and Next Steps

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

- Classroom Training
- Live Online Classes (ILO)
- Fly-Me-A-Trainer (FMAT)
- Flexi (Self-Paced)
- 1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit koenig-solutions.com | **info@koenig-solutions.com**