






Developer Training by Media Driver

Hands-On, Exercise Driven Course Designed For Developers

This is a five day, hands-on workshop designed to assist developers who are beginning work within Camel. Developers will learn the most common scenarios used within Enterprise Application development. Students will learn the skills required to develop Service Oriented Architecture and Event Driven Architecture solutions. Developers will build complete SOAP & REST services, as well as persist data into a database and develop advanced projects leveraging Event Driven Architecture with the ActiveMQ Enterprise Messaging System. This course is taught on-site by a senior developer with proven training experience.

| Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
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|  |  |  |  |  |
| Core Camel | Core Camel | Web Service Development | Persistence | Messaging |
| <ul style="list-style-type: none">Overview of Enterprise Integration Patterns (EIP)InstallationConfigurationArchitectureSimple Route DevelopmentComponent ReviewDSL OptionsData TransformationError and Exception HandlingUnit TestingConstruction of Camel-based Routes<ul style="list-style-type: none">- File Move- Data Transformation- Property Overrides | <ul style="list-style-type: none">Construction of Camel-based EIPs<ul style="list-style-type: none">- Content Based Router- Message Filter- Splitter- Aggregator- Wire Tap- Recipient List | <ul style="list-style-type: none">Introduction to Web ServicesComparison of SOAP Web Services and ReSTful Web ServicesJAXB Data ModelingConstruction of Web Services with JAX-WS and JAX-RSIntroduction to CXFCXF Service in KarafConstruction of CXF-based SOAP Web ServicesConstruction of CXF-based ReSTful Web Services | <ul style="list-style-type: none">History of Object-Relation Mapping (ORM)History of Apache JPAJPA Service in KarafConstruction of JPA-based Project<ul style="list-style-type: none">- Basic Project Layout- JPA Configuration- JPA Java Class Annotations- Database Drivers- JPA Entity Manager- JPA Subclasses and Child Data- JPA Transactions | <ul style="list-style-type: none">Overview of Enterprise MessagingIntroduction to JBoss A-MQMessaging Concepts and PatternsPoint-to-Point and Publish/Subscribe Messaging ModelsInter-Broker MessagingError HandlingLightweight JMS TransactionsA-MQ Virtual TopicsA-MQ Composite Destinations |