FME Server Authoring Training Course – Full Course

Overview

Learn from the experts in how to use the essential components and capabilities in FME Server through this two-day course, which includes extensive hands-on, problem-solving exercises.

Learning Objectives

- Familiarization with the FME Server web user interface and it's functionality
- Running workspaces on FME Server
- Using FME Server's Self-Serve services and related functionality in FME Workbench
- Creating and using Notification Services (topics, publications and subscriptions)
- Using workspaces to process incoming and outgoing notification messages
- Creating workspaces to handle message streams
- Troubleshooting for administrators

Course Outline

Welcome to Safe Software

- Course Overview
- FME Version and Sample Data
- Introductions

Introduction to FME Server

- What is FME Server?
- FME Server Roles
- FME Server Architecture
- Deploying FME Server
- Workbench and FME Server
- Web Interface Basics
- Engines and Licensing
- Running a Workspace
- Jobs
- Sharing in FME Server
- FME Server Scheduling
- Source Data Management
- Database and Web Connections
- Publishing Data and Temporary Uploads
- Resource Filesystem and Authoring for Resources
- Running the Job Submitter as a URL
- Authoring Job Chains

Self-Serve with FME Server

- What is Self-Serve?
- FME Server Services
- Self-Serve and Parameters
- Published Parameters and Key Parameter Types
- Format and Coordinate System Selection
- Layer Selection and Handling
- Geographic Selection
- Data Streaming

Real-Time with FME Server

- Real-Time and FME
- Elements of the Notification Service
- Notification Clients
- Publications and Subscriptions
- Notification Topics
- Notification Protocols
- Email Notifications
- Notifications and Workspaces
- Workspace Subscriptions and Publications
- Message Streams

FME Server Projects

- Creating and Sharing a Project
- Exporting and Importing Projects

Exercises:

- Creating and Publishing a Workspace for Daily Database Updates
- Authoring Workspace Chains
- Email Subscriptions and Publications
- Directory Watch for a Building Updates System
- Handling Message Streams for Emergency Phone Calls
- Importing and Editing an FME Server Project
- ...plus many more

Learn More

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