

## 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
- Publishing Workspaces
- Web Interface Basics
- Engines and Licensing
- Running a Workspace
- Jobs
- Sharing in FME Server
- FME Server Scheduling
- Running the Job Submitter using a URL
- Version Control
- Troubleshooting

#### FME Server and Data Handling



- Source Data Management
- Database Connections
- Web Connections
- Publishing Data
- Temporary Uploads
- Resource Filesystem
- Authoring for Resources

#### **Self-Serve with FME Server**

- What is Self-Serve?
- FME Server Services
- Implementing Self-Serve
- Other Self-Serve Services
- Troubleshooting

#### **Real-Time with FME Server**

- The Notification Service
- Elements of the Notification Service
- Notification Clients
- Publications and Subscriptions
- Notification Topics
- Notification Protocols
- Notifications and Workspaces
- Incoming Message Handling
- Email Notifications
- Workspace as Publishers
- Workspaces as Both Subscriber and Publisher
- Message Streams
- Troubleshooting

#### **Self-Serve and Parameters**

- Self-Serve and Parameters
- Published Parameters
- Key Parameter Types
- Format and Coordinate Systems
- Layer Selection and Handling
- Geographic Selection
- Troubleshooting

#### **Advanced Workflows with FME Server**



- FME Server Projects
- Importing Projects
- Creating Projects
- Sharing Projects
- Exporting Projects
- Removing Projects
- Authoring Job Chairs

**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

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