FME Server Authoring Training Course – Full Course

**Course Outline**

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

Learn More

Visit [www.safe.com/training](http://www.safe.com/training) to locate and register for an upcoming training class in your region.

For questions or enquiries about private classes, please contact 604-501-9985 x287 or e-mail [train@safe.com](mailto:train@safe.com)