

FME Desktop Advanced Training Course

Overview

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

Learning Objectives

- Investigate and use the most popular forms of advanced functionality
- Handle complex scenarios and handle simple scenarios more easily
- Improve efficiency in using the FME Workbench interface
- Improve the performance of FME translations
- Understand how to interpret log files

Course Outline

Welcome to Safe Software

- Course Overview
- FME Version and Sample Data
- Introductions

User Parameters

- What are Parameters?
- Types of Parameter
- Linking User Parameters to FME Parameters
- Shared Parameters
- Published and Private Parameters
- Embedded Parameters
- Scripted Parameters
- Attribute Name Parameters

Performance Considerations

- Defining Performance
- 64-Bit FME
- Log File Interpretation
- Reader and Writer Optimization
- Transformation Optimization
- Database Optimization
- Parallel Processing
- Performance, FME Server, and FME Cloud



Custom Transformers

- Basic Custom Transformers
- Editing and Using Custom Transformers
- Custom Transformers and Schema
- Custom Transformer Types
- Custom Transformer Versioning
- Custom Transformers and Parallel Processing
- Custom Transformer Loops

Advanced Readers and Writers

- Zip File Handling
- Fanouts
- The Generic Reader and Writer
- Dynamic Translations
- Schema Handling in Dynamic Translations
- Advanced Dynamic Attribute Schemas

Advanced Attribute Handling

- Constructing Values
- Conditional Attribute Values
- Multiple Feature Attributes
- Null Attributes

Exercises:

- Simplifying Workspaces with User Parameters
- Deconstructing a Log File
- Performance Tuning FME
- Parallel Processing
- Creating and Using Custom Transformers
- Using Fanouts
- Writing Data Generically and Dynamically
- Handling of Complex Attributes
- ...plus many more

Learn More

Visit www.safe.com/trainingcalendar to locate and register for an upcoming training class in your region.

For questions or to inquire about a private onsite class, please contact us at 604-501-9985, extension 287 or e-mail training@safe.com.

