

## FME Desktop Advanced Training – Full Course

### Overview

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

### Learning Objectives

- Make use of user parameters and their more advanced techniques
- Analyze and deconstruct an FME log file
- Understand potential methods for improving FME performance
- Create, edit and re-use a custom transformer
- Incorporate advanced methods for reading and writing datasets (dynamic workspaces, fanouts, etc.)
- Construct attributes with the text and arithmetic editors
- Understand when and how to apply conditional attribute values

### Course Outline

#### Welcome to Safe Software

- Course Overview
- FME Version and Sample Data
- Introductions

#### Advanced Parameter Use

- FME Parameters
- User Parameters
- Parameter Types
- Linking Parameters
- Shared Parameters
- Parameter Settings
- Specialist Parameters

#### Performance Considerations

- Performance and FME
- 64-bit FME
- Log file Interpretation
- Reader and Writer Optimization
- Transformer Optimization
- Database Optimization
- Parallel Processing
- Server and Cloud Performance



### **Custom Transformers**

- Creating Custom Transformers
- Input and Output Ports
- Schema Handling
- Custom Transformer Types
- Creating Linked Transformers
- Switching Transformer Types
- Custom Transformer Versioning
- Parallel Processing
- Looping

### **Advanced Readers and Writers**

- Writing Zip Files
- Fanouts
- Generic Reader and Writer
- Dynamic Translations
- Dynamic Schema Handling
- Advanced Dynamic Schemas

### **Advanced Attribute Handling**

- Constructing Values
- Editor Dialogs
- FME Functions
- Conditional Values
- Multiple Feature Attributes
- Null Attributes

### **Exercises:**

- Creation and Use of Complex Parameters
- Analyzing and Improving Workspace Performance
- Parallel Processing
- Custom Transformers and Loops
- Dynamic Schemas
- ...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 to inquire about a private onsite class, please contact us at 604-501-9985, extension 287 or e-mail

