FME Desktop Advanced Training

**Course Outline**

Overview

Learn from the experts in how to exploit the most commonly used advanced components and capabilities in FME through this course, which includes extensive hands-on, problem-solving exercises.

Learning Objectives

* Make use of user parameters, controlling the input using advanced settings
* 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

Parameters and Attributes

**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**

Zip File Handling

Web-Based Datasets

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 [training@safe.com](mailto:training@safe.com).