

FME Desktop Advanced Training

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

- Make use of user parameters, controlling the input using advanced settings
- Analyse 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 1Spatial

- Course Overview
- FME Version and Sample Data
- Introductions

Advanced Attribute Handling

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

Advanced Workspace Design

- Log File Interpretation
- Authoring vs Production
- Assessing Performance
- Optimising Reader Performance
- Optimising Writer Performance
- Optimising Transformer Performance
- Optimising Databases
- Server and Cloud Performance
- Batch Processing

Advanced Readers and Writers

- Reading and Writing Archive Files
- Web-Based Datasets



- Fanouts
- Generic Reader and Writer
- Dynamic Translations
- Creating Dynamic Translations
- Dynamic Schema Handling
- Alternative Dynamic Schema Sources

Advanced Parameter Use

- FME Parameters
- User Parameters
- Parameter Types
- Linking Parameters
- Pre-Linked Parameters
- Shared, Embedded, and Scripted Parameters
- Parameter Settings
- User Parameters and Attributes

Custom Transformers

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

Exercises:

- Creation and Use of Complex Parameters
- Analysing and Improving Workspace Performance
- Parallel Processing
- Custom Transformers and Loops
- Dynamic Schemas
- ...plus many more

Learn More

Visit www.1spatial.com/training to locate and register for an upcoming training class in your region.

For questions or to inquire about a private onsite class or some bespoke content, please contact us on +44 (0)1223 420414 or e-mail fme@1spatial.com.

