

FME Desktop Advanced Training

Course Description

Duration: 1 day; 9:15am - 5:00pm.

Prerequisites: Introduction to FME Desktop or equivalent

COURSE OVERVIEW

This hands-on training course is designed to help you to get the maximum value from your investment in FME. Let our experts and professional training help you use FME to its full potential. Learn how to use the advanced features of the technology to manage your data translation and transformation challenges more effectively.

This course provides the next step on your FME Desktop journey, expanding on some of the core principles of FME Workbench. This course is intended for existing users who wish to expand on their knowledge of data manipulation and automated data workflows. It is important that delegates who attend this course have a firm grounding in the use of FME Desktop, specifically FME Workbench.

Learning objectives:

- Make use of user parameters and their more advanced techniques.
- 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 text and arithmetic editors.
- Understand when and how to apply conditional attribute values.

MODULES

Welcome to Miso

- Course overview, resources and amenities.
- FME version and training data.

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 optimisation.
- Transformer optimisation.
- Database optimisation.
- 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

A number of practical hands-on exercises are included throughout the course to reinforce the content covered by each section. These will include:

- Creation and use of complex parameters.
- Parallel processing.
- Analysing and improving workspace performance.
- Custom transformers and loops.
- Dynamic schemas.
- ... Plus many more!