

FME Desktop Basic Training Course

Overview

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

Learning Objectives

- Build both simple and complex translations using FME Workbench
- Visualize and inspect data using the FME Data Inspector
- Apply best practices to large workspaces
- Manipulate data geometry and attributes with transformers
- Work with multiple datasets in a single workspace
- Create low-maintenance, reusable workspaces

Course Outline

Welcome to Safe Software

- Course Overview
- FME Version and Sample Data

Data Translation Basics

- What is FME?
- FME Desktop Components
- Introduction to FME Workbench
- Introduction to Data Inspection
- Introduction to the FME Data Inspector
- Using the FME Data Inspector
- Translation Previews

Data Transformation

- What is Data Transformation?
- Structural Transformation
- Transformation Using Transformers
- Content Transformation
- Transformers used in Series
- Transformers used in Parallel
- Group-By Processing
- Data Inspection and FME Workbench
- Coordinate System Transformation



Readers and Writers

- Key Components
- Workspaces
- Readers and Writers
- Controlling Readers and Writers
- Dataset Parameters
- Feature Types (Layers, Tables, and Classes)
- Feature Type Parameters
- Managing Reader Datasets
- Handling Unexpected Input

Practical Transformer Use

- Finding Transformers
- Most Valuable Transformers
- Managing Attributes
- Conditional Filtering
- Data Joins

Best Practice

- What is Best Practice?
- Workspace Style
- Workbench Methodology and Prototyping
- Format and Transformer Best Practices
- Logging and Debugging

Exercises:

- Workspace Creation and Quick Translation
- Data Visualization and Inspection
- Schema Editing and Schema Mapping
- Data Restructuring, Data Transformation and Data Reprojection
- Translation Debugging Techniques
- ...plus many more

Learn More

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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.

