
Table of Contents

Introduction	1.1
About This Document	1.2
Course Overview	1.2.1
Course Resources	1.2.2
Exercise: Basic FME Skills Review	1.2.3
Advanced Attribute Handling	1.3
Constructing Attributes	1.3.1
Editor Dialogs	1.3.2
FME Functions	1.3.3
Exercise: Taxation Report Project	1.3.4
Conditional Values	1.3.5
Exercise: Flood Risk Assessment	1.3.6
Multiple Feature Attributes	1.3.7
Exercise: Precipitation Calculations	1.3.8
Null Attributes	1.3.9
Handling Null Attributes	1.3.9.1
Setting Null Attributes	1.3.9.2
Exercise: Parks Dataset Sorting	1.3.10
Module Review	1.3.11
Advanced Workspace Design	1.4
Log File Interpretation	1.4.1
Log File Command Section	1.4.1.1
Log File Configuration and Setup Section	1.4.1.2
Log File Translation/Transformation Section	1.4.1.3
Log File Summary Section	1.4.1.4
Log File Timestamp Interpretation	1.4.1.5
Exercise: Public Art in Parks - Log File	1.4.2
Authoring vs Production	1.4.3
Assessing Performance	1.4.4
Exercise: Public Art in Parks - Performance Assessment	1.4.5
Optimizing Reader Performance	1.4.6
Optimizing Writer Performance	1.4.7
Optimizing Transformer Performance	1.4.8
Exercise: Public Art in Parks - Optimization	1.4.9
Optimizing Databases	1.4.10
Server and Cloud Performance	1.4.11
Batch Processing	1.4.12
Exercise: Garbage Collection Project - Database Performance	1.4.13
Module Review	1.4.14

Advanced Readers and Writers	1.5
Reading and Writing Archive Files	1.5.1
Web-Based Datasets	1.5.2
Exercise: Snowfall Project: Web-Based Datasets	1.5.3
Fanouts	1.5.4
Feature Type Fanouts	1.5.4.1
Dataset Fanouts	1.5.4.2
Generic Reader and Writer	1.5.5
Exercise: Community Map Translation	1.5.6
Dynamic Translations	1.5.7
Creating Dynamic Translations	1.5.8
Exercise: Dynamic Community Map Translation	1.5.9
Dynamic Schema Handling	1.5.10
Dynamic Feature Types	1.5.10.1
Dynamic Schema Sources	1.5.10.2
Dynamic Attributes	1.5.10.3
Dynamic Geometry	1.5.10.4
Exercise: Dynamic Community Map Translation (Schema Handling)	1.5.11
Alternative Dynamic Schema Sources	1.5.12
Exercise: Dynamic Community Map Translation (Table-Based)	1.5.13
Module Review	1.5.14
Advanced Parameter Use	1.6
FME Parameters	1.6.1
User Parameters	1.6.2
Exercise: Parameterize a Metadata Writer	1.6.3
Parameter Types	1.6.4
Linking Parameters	1.6.5
Pre-Linked Parameters	1.6.6
Exercise: Code Review a Colleague's Workspace	1.6.7
Shared, Embedded, and Scripted Parameters	1.6.8
Parameter Settings	1.6.9
User Parameters and Attributes	1.6.10
Exercise: Grounds Maintenance Project	1.6.11
Module Review	1.6.12
Custom Transformers	1.7
Using Custom Transformers	1.7.1
Exercise: Creating a Custom Transformer	1.7.2
Input and Output Ports	1.7.3
Exercise: Editing a Custom Transformer	1.7.4
Parameter Handling	1.7.5
Automatic Parameter Handling	1.7.5.1
Editing Parameter Setup	1.7.5.2

Exercise: Custom Transformers and Published Parameters	1.7.6
Custom Transformer Types	1.7.7
Creating Linked Transformers	1.7.8
Switching Transformer Type	1.7.9
Custom Transformer Versioning	1.7.10
Exercise: Custom Transformer Modes	1.7.11
Custom Transformers and Parallel Processing	1.7.12
Exercise: Custom Transformers and Parallel Processing	1.7.13
Looping	1.7.14
Exercise: Looping	1.7.15
Module Review	1.7.16
Course Wrap-Up	1.8
Product Information and Resources	1.8.1
Community Information and Resources	1.8.2
Feedback and Certificates	1.8.3
Thank You	1.8.4
