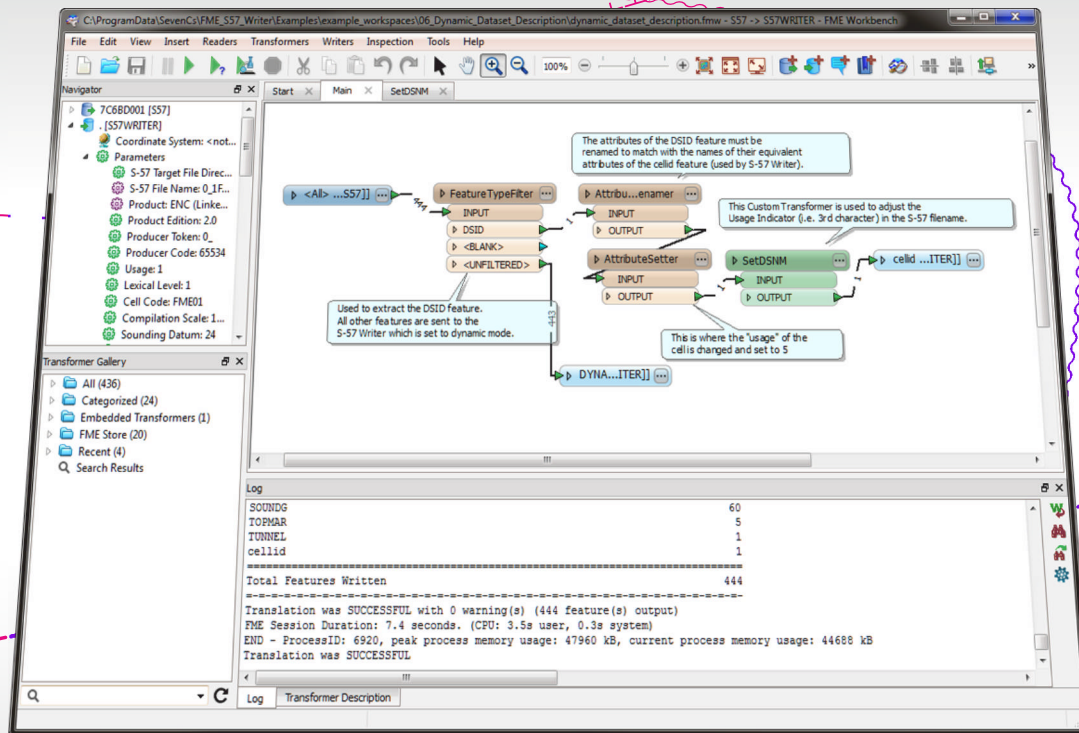


S-57 WRITER FOR FME®



FME workbench with S-57 Writer plug-in

PRODUCT DESCRIPTION

The Feature Manipulation Engine (FME®) from Safe Software Inc. is a powerful software tool for the transformation of digital data from one format into another. SevenCs S-57 Writer for FME is an extension for FME that allows FME users to export their data into S-57 format in order to produce ENC, IENC, AML or custom S-57 products.

PRODUCT HIGHLIGHTS

- Smoothly integrates in FME Workbench and FME Universal Translator
- Automatically assigns valid attributes to destination features
- Supports use of custom objects and attributes
- All common S-57 products are supported
- Includes S-57 specific topology optimization
- Capable of being integrated in batch processes



S-57 WRITER FOR FME®

FUNCTIONAL OVERVIEW

S-57 DESTINATION DATASET

The characteristics of the S-57 destination dataset are set just as those of the native FME format writers.

- Definition of dataset name and location
- Set S-57 cell header information (compilation scale, usage, edition, etc.) via parameters of FME Workbench navigator pane
- Set parameters to specify S-57 product type and product edition (e.g. ENC 2.0 or IENC 2.4)

S-57 FEATURE DEFINITION

The S-57 feature types that will be written to the destination dataset can be specified by the user.

- Manually add S-57 feature types and attributes of destination dataset
- Use S-57 schema importer to select valid destination features and attributes from feature catalogue
- Support of user defined features and attributes

OPTIMIZATION FUNCTIONS

The S-57 Writer for FME® integrates geometry optimization functions.

- Deletion of duplicate geometry
- Deletion of partially redundant edges

RUN S-57 WRITE PROCESS

The S-57 writer is automatically called at the end of the FME conversion process.

- Generation of S-57 dataset and corresponding SENC cells
- Creation of log files with conversion summary

SUPPORTED FORMATS AND PRODUCTS

- Vector Formats (W): S-57 3.1, SevenCs directENC
- Vector Products (W): ENC 2.0, IENC 1.02, 2.0, 2.1, 2.2, 2.3, and 2.4, AML 1.0, 2.1, 3.0, bENC 1.0, PENC 1.0

PLUGIN VERSIONS

- S-57 Writer for FME® is available for Windows 32 bit and 64 bit.
- 32 bit Plugin for FME 2013 and newer
- 64 bit Plugin for FME 2013 and newer
- S-57 Writer for older versions of FME can be provided on request

SUPPORTED OPERATING SYSTEMS

- Win 7/8/10 (32 Bit, 64 Bit)