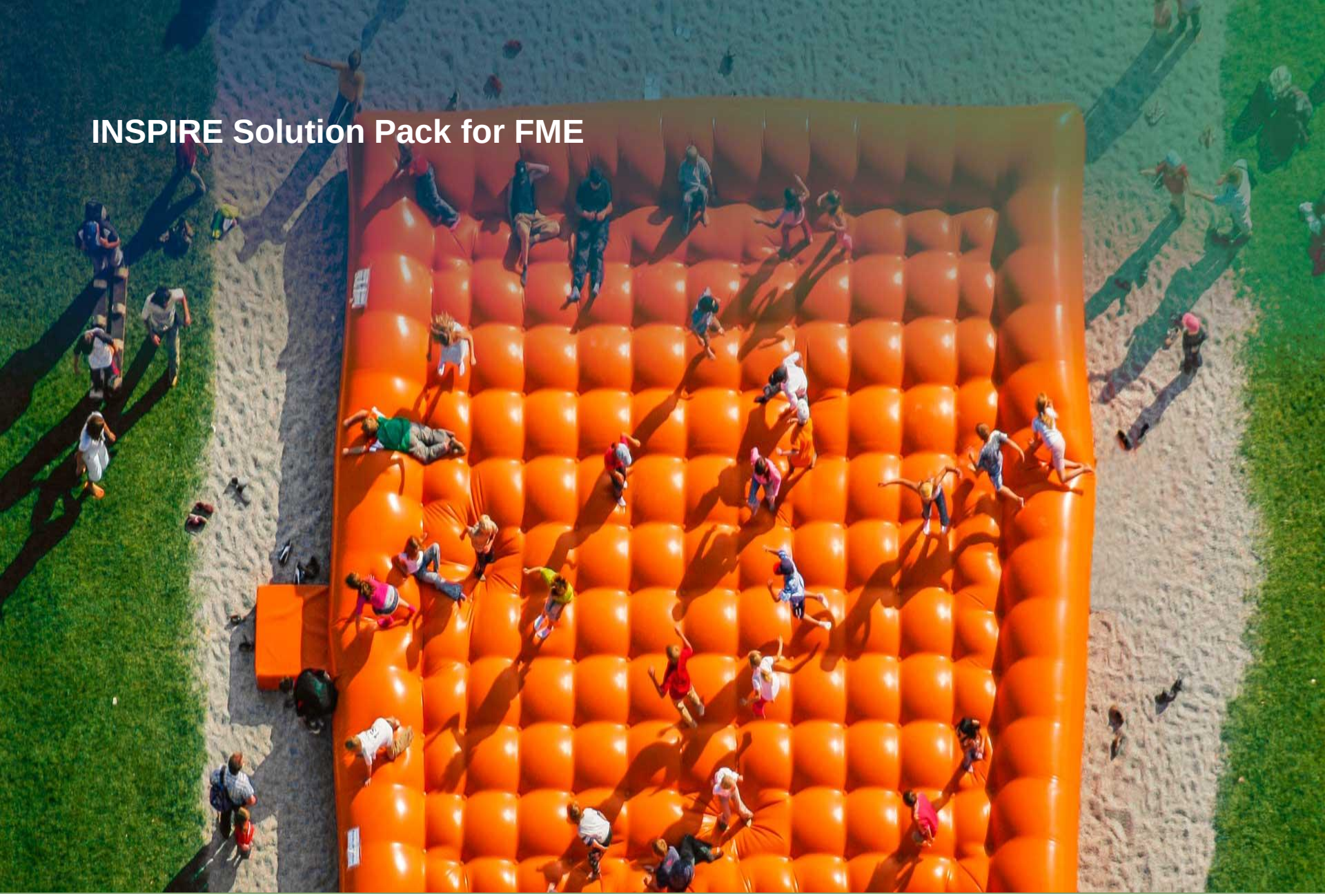
INSPIRE Solution Pack for FME



con terra GmbH

- Francisco Girón Gesteira
  > FME Certified Trainer

- Based in Münster, Germany
  > more than 120 employees
- Safe Software Platinum Partner
- European FME Service Center
  > Localized versions of FME in Spanish and German
  > INSPIRE Solution Pack for FME
- www.conterra.es

con·terra

FME Technology
Connect. Transform. Automate.

- Connect
  - > Read and write more than 345 data formats
  - > Without a single line of code
- Transform
  - > More than 400 transformers
  - > Data models and schema
- Automate
  - > Reusable FME workspaces
  - > Scheduled tasks and real-time events

SAFE SOFTWARE™

Calendar

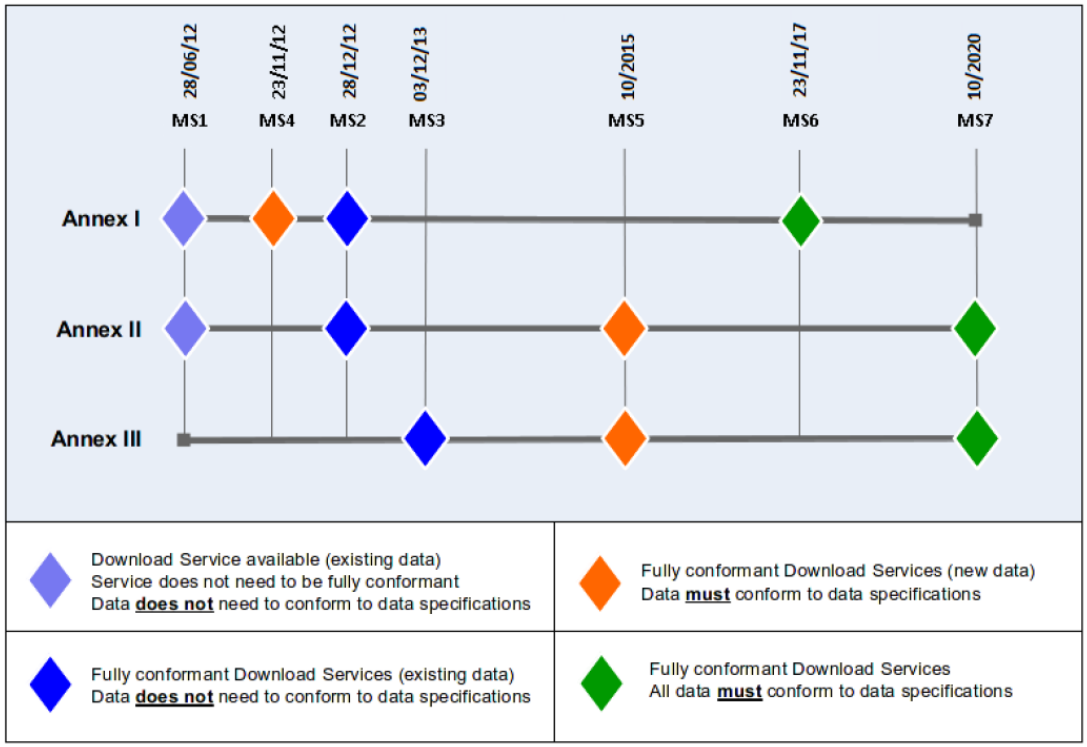
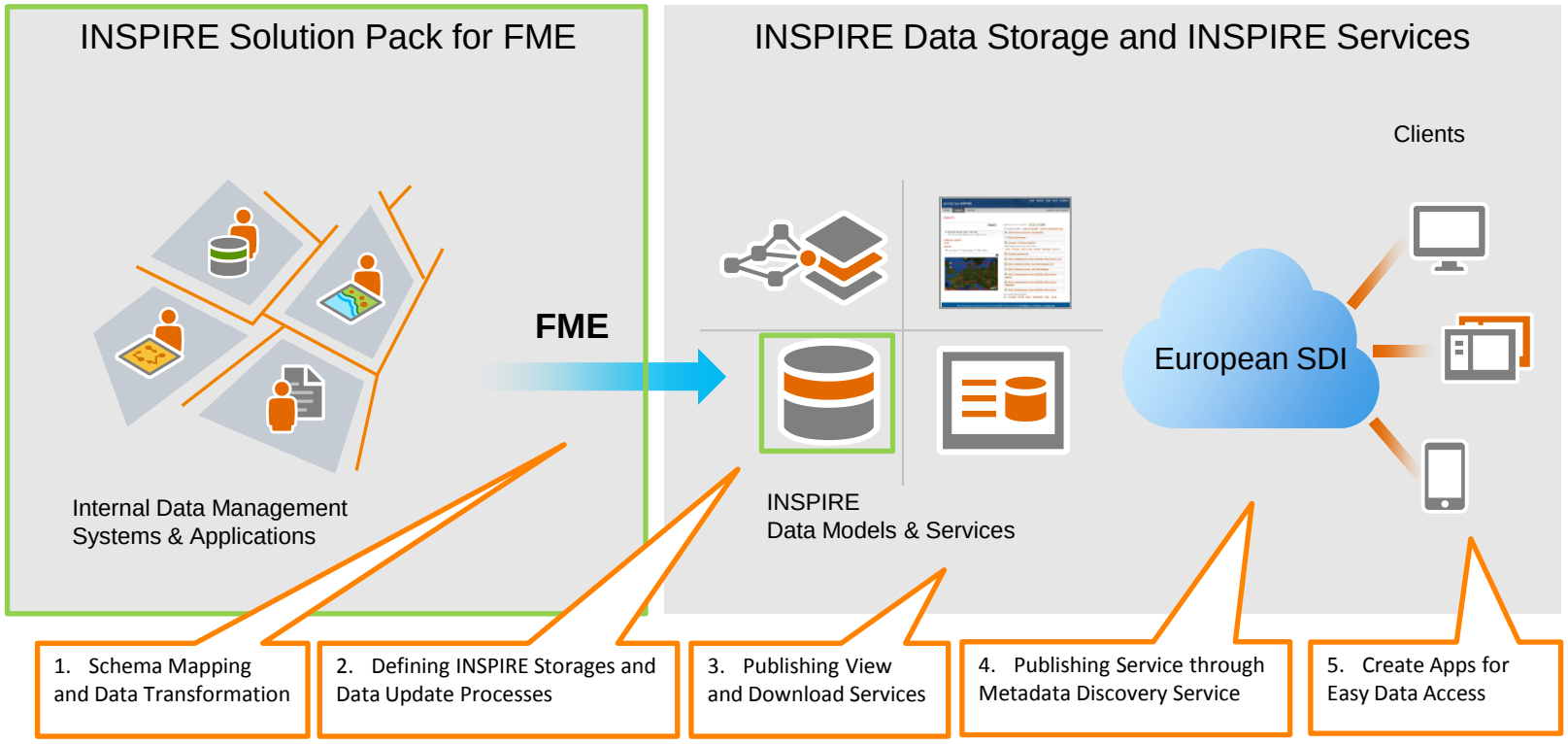


Figure 4: Illustration of Implementation Roadmap*

**Dates in this figure are accurate at the time of publication. For definitive dates refer to the roadmap published on the INSPIRE website: (http://inspire.jrc.ec.europa.eu/index.cfm/pageid/44)*

INSPIRE workflow



INSPIRE Solution Pack for FME – Development Goals

- Simplify the INSPIRE schema mapping and transformation
- Use Standard FME ETL functionality
- Extend FME with INSPIRE specific information and functionalities

INSPIRE Schema Mapping

- INSPIRE expert knowledge and domain expertise are required
- High complexity of the source data and the INSPIRE Model
- Local characteristics (quality, history, contents)

- Internal data models
- Meta data
- Data history
- Data quality
- Expertise (Domain)

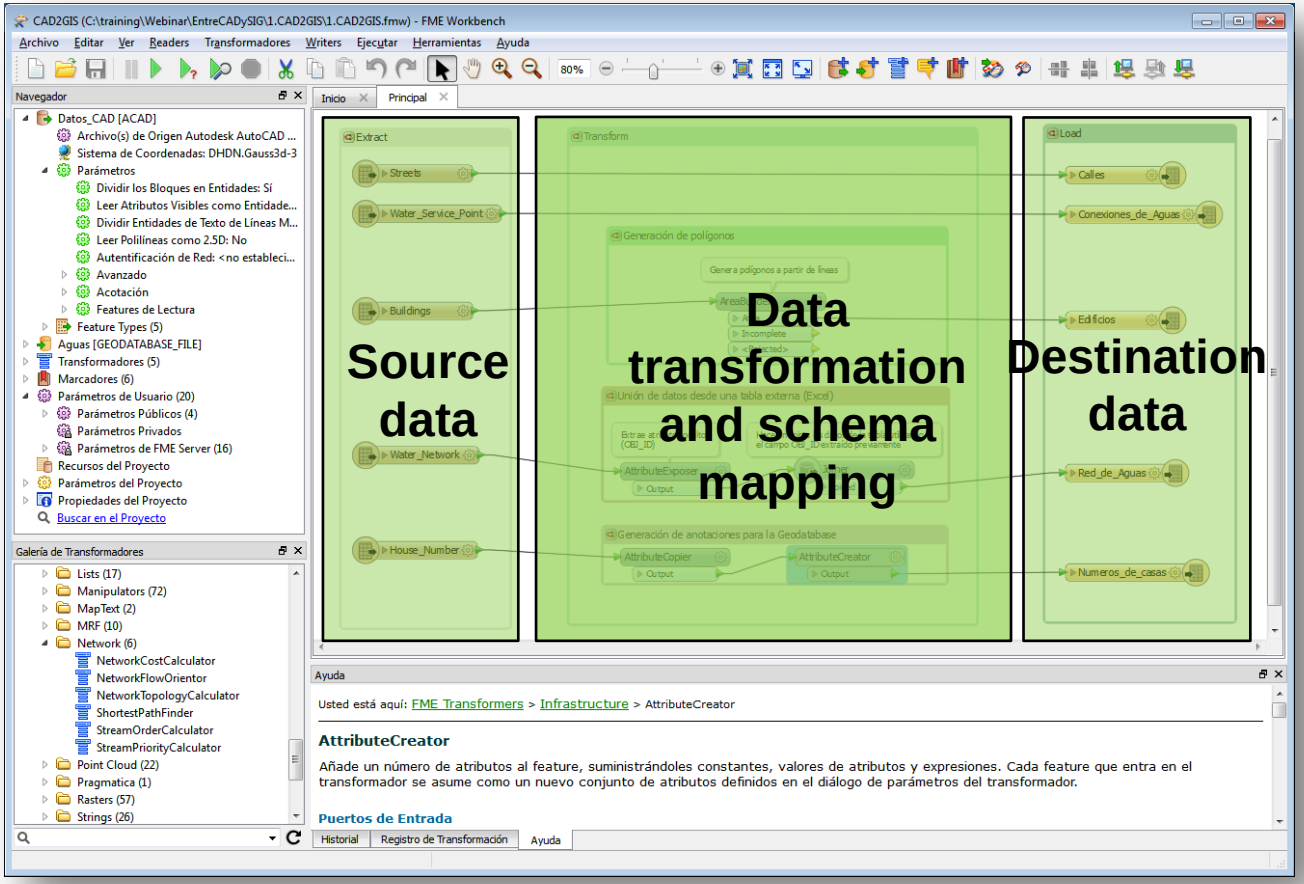
INSPIRE Solution Pack

- INSPIRE data models
- INSPIRE specifications
- INSPIRE legislation
- INSPIRE requirements
- Expertise (Annexes I, II, III)

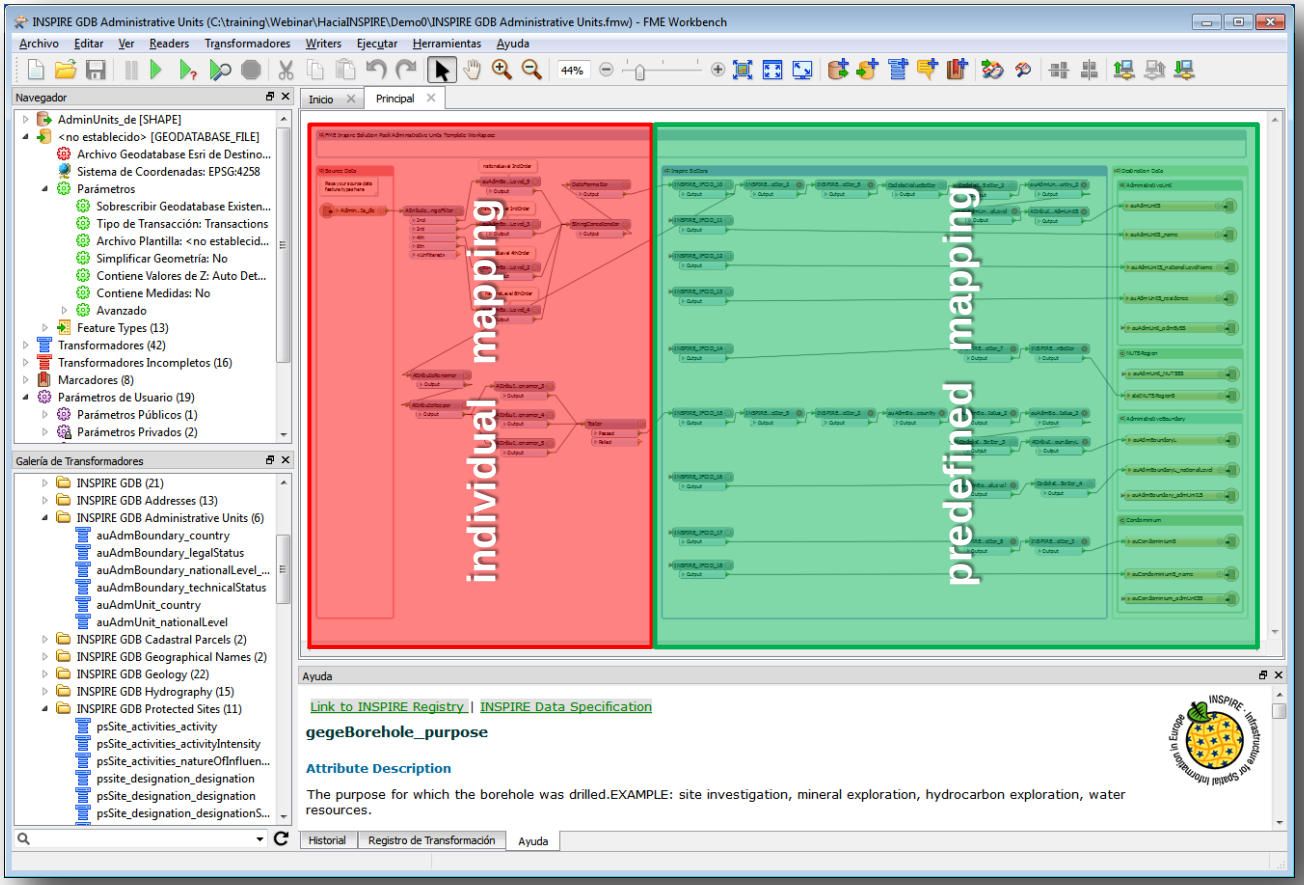
Features Summary

- 2 implementation options:
  - > Esri GDB
  - > INSPIRE GML
- Automated creation of Atom Feed services (CSW for Atom Feed)
- All topics supported (Annexes I / II / III)
- Integrated help and UML diagrams
- INSPIRE templates published and updated in FME Hub

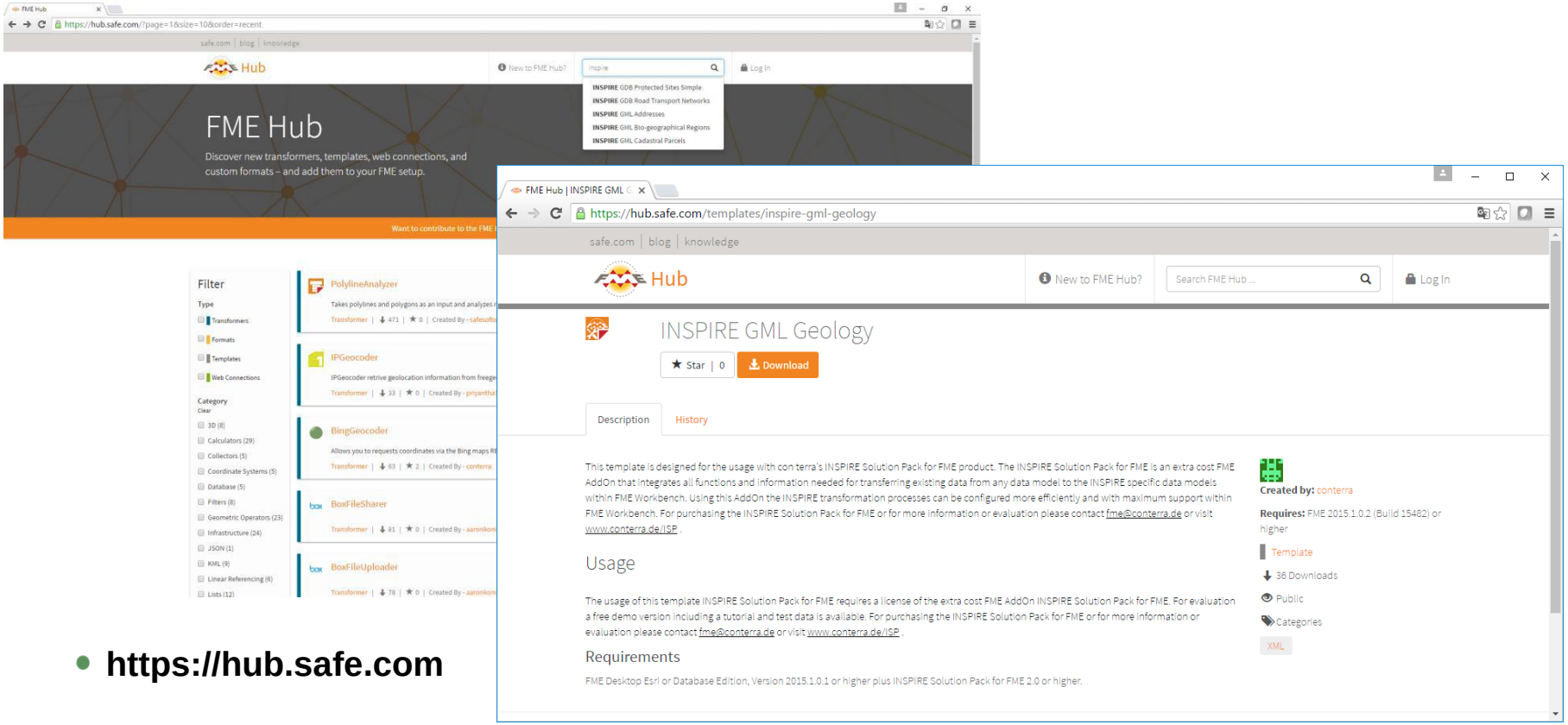
FME Workbench



Templates for FME Workbench (INSPIRE Solution Pack for FME)

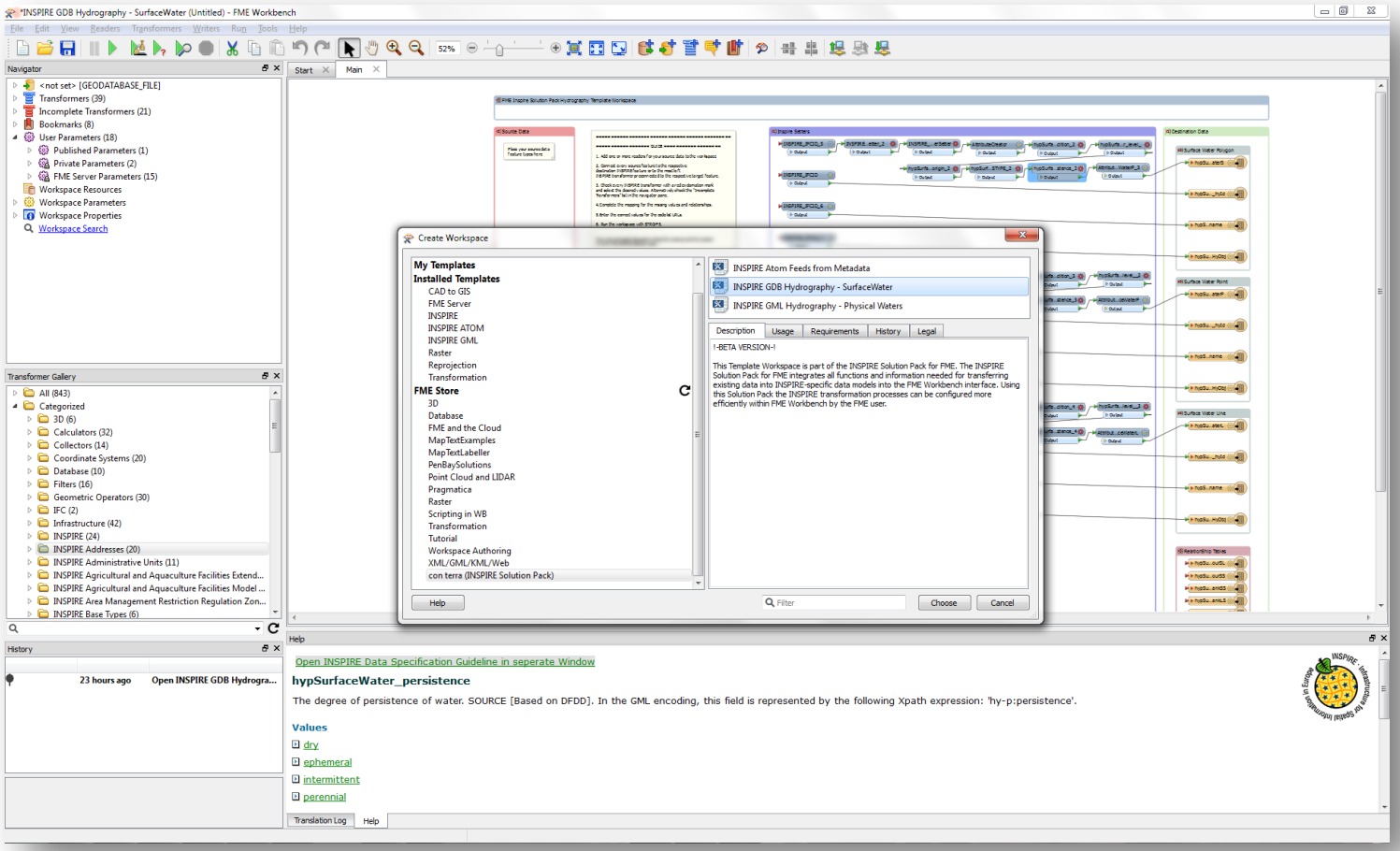


FME Hub



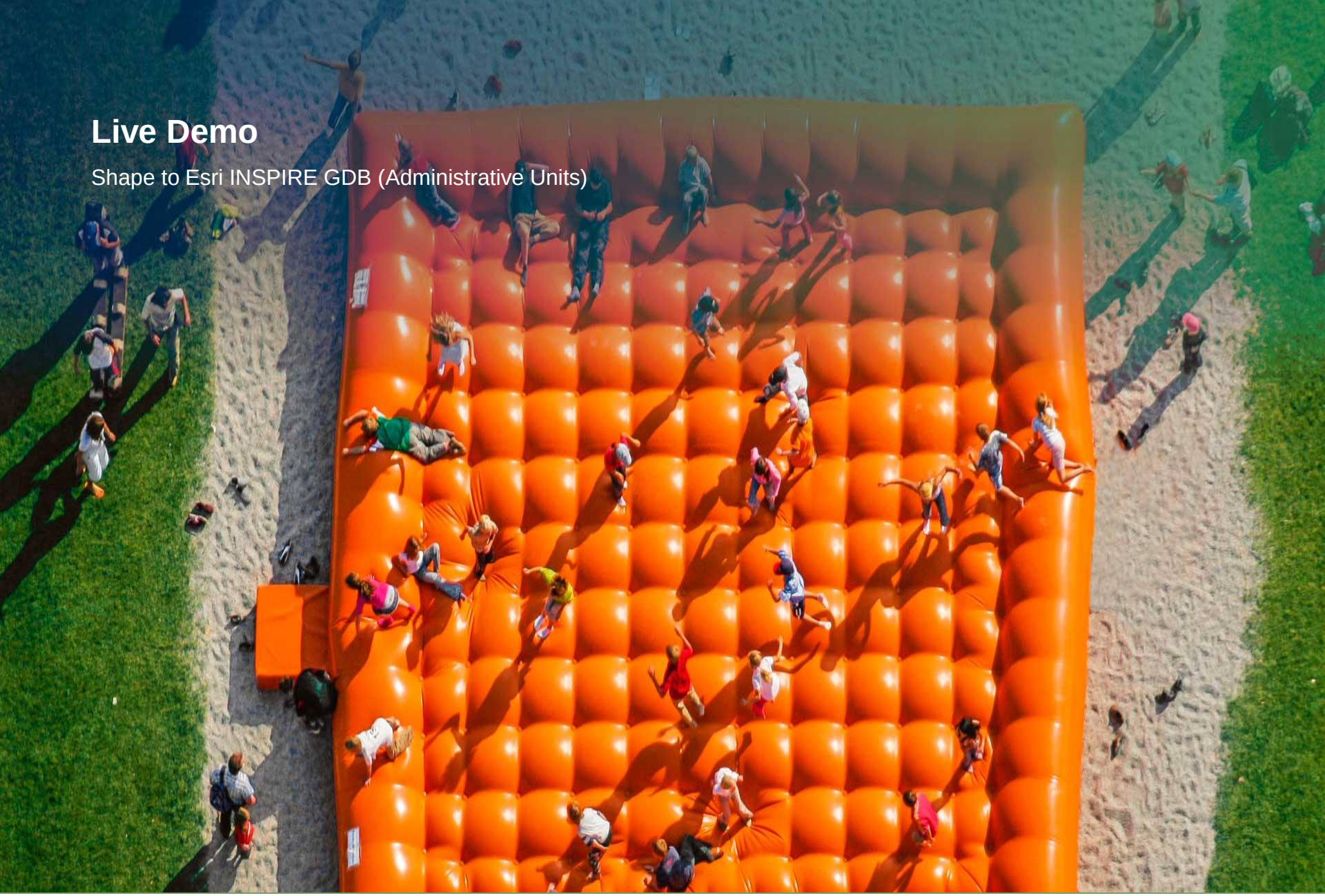
- **https://hub.safe.com**

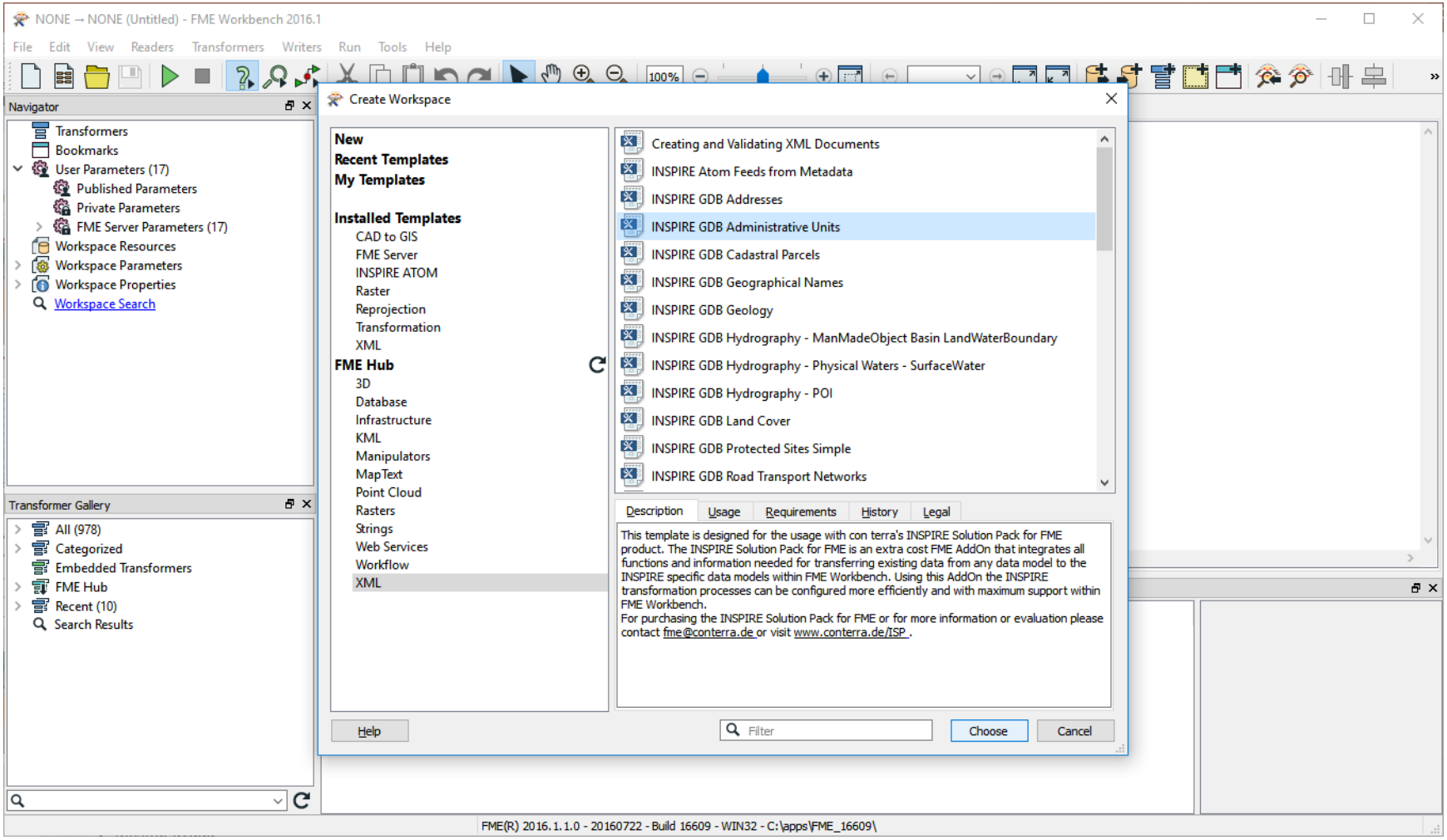
Accessing FME Hub from FME Workbench



Live Demo

Shape to Esri INSPIRE GDB (Administrative Units)

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FME Server
INSPIRE ATOM
Raster
Reprojection
Transformation
XML
FME Hub
3D
Database
Infrastructure
KML
Manipulators
MapText
Point Cloud
Rasters
Strings
Web Services
Workflow
XML
Creating and Validating XML Documents
INSPIRE Atom Feeds from Metadata
INSPIRE GDB Addresses
INSPIRE GDB Administrative Units
INSPIRE GDB Cadastral Parcels
INSPIRE GDB Geographical Names
INSPIRE GDB Geology
INSPIRE GDB Hydrography - ManMadeObject Basin LandWaterBoundary
INSPIRE GDB Hydrography - Physical Waters - SurfaceWater
INSPIRE GDB Hydrography - POI
INSPIRE GDB Land Cover
INSPIRE GDB Protected Sites Simple
INSPIRE GDB Road Transport Networks
Description Usage Requirements History Legal
This template is designed for the usage with con terra's INSPIRE Solution Pack for FME product. The INSPIRE Solution Pack for FME is an extra cost FME AddOn that integrates all functions and information needed for transferring existing data from any data model to the INSPIRE specific data models within FME Workbench. Using this AddOn the INSPIRE transformation processes can be configured more efficiently and with maximum support within FME Workbench.
For purchasing the INSPIRE Solution Pack for FME or for more information or evaluation please contact fme@conterra.de or visit www.conterra.de/ISP .
Help
Filter
Choose
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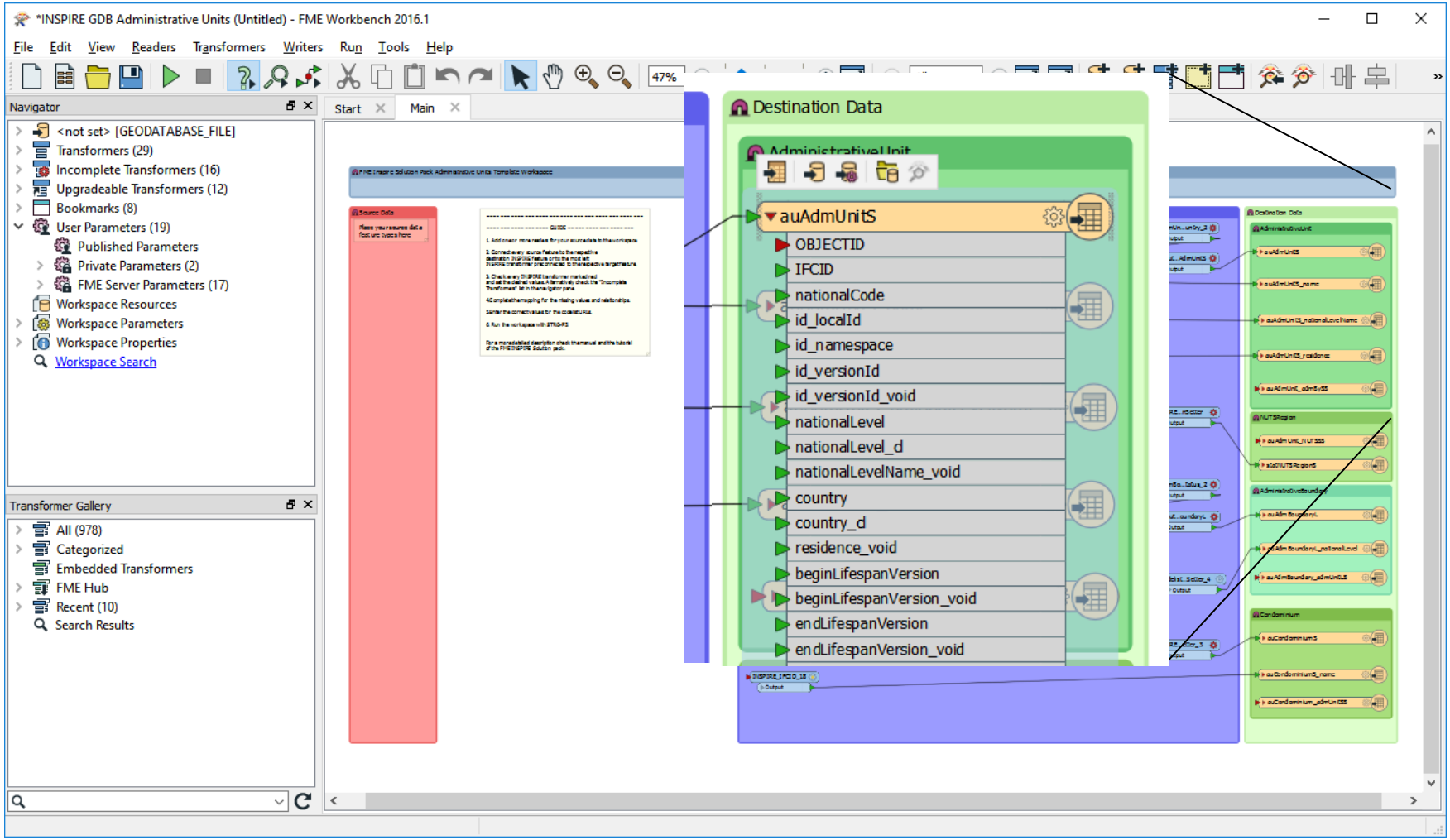
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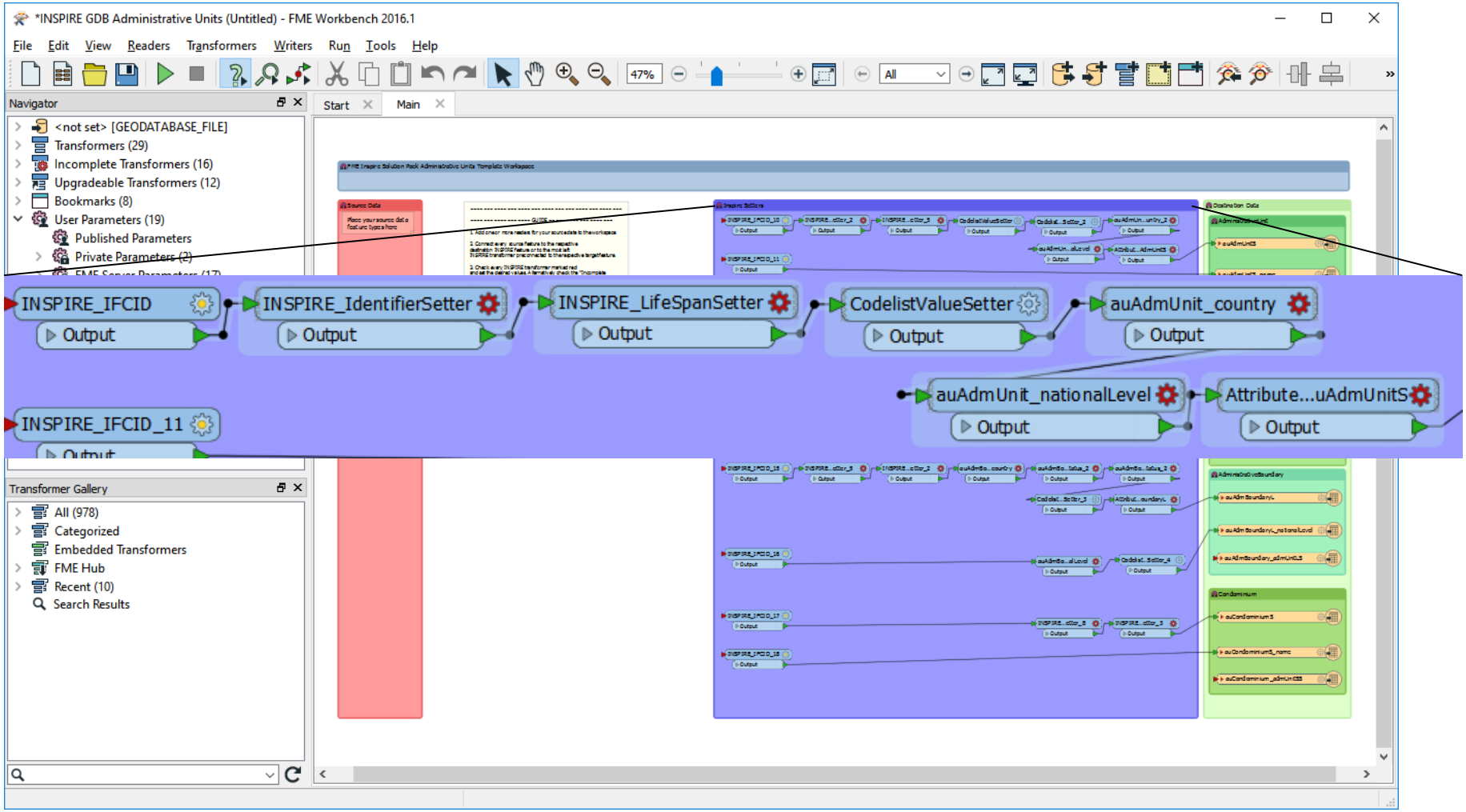
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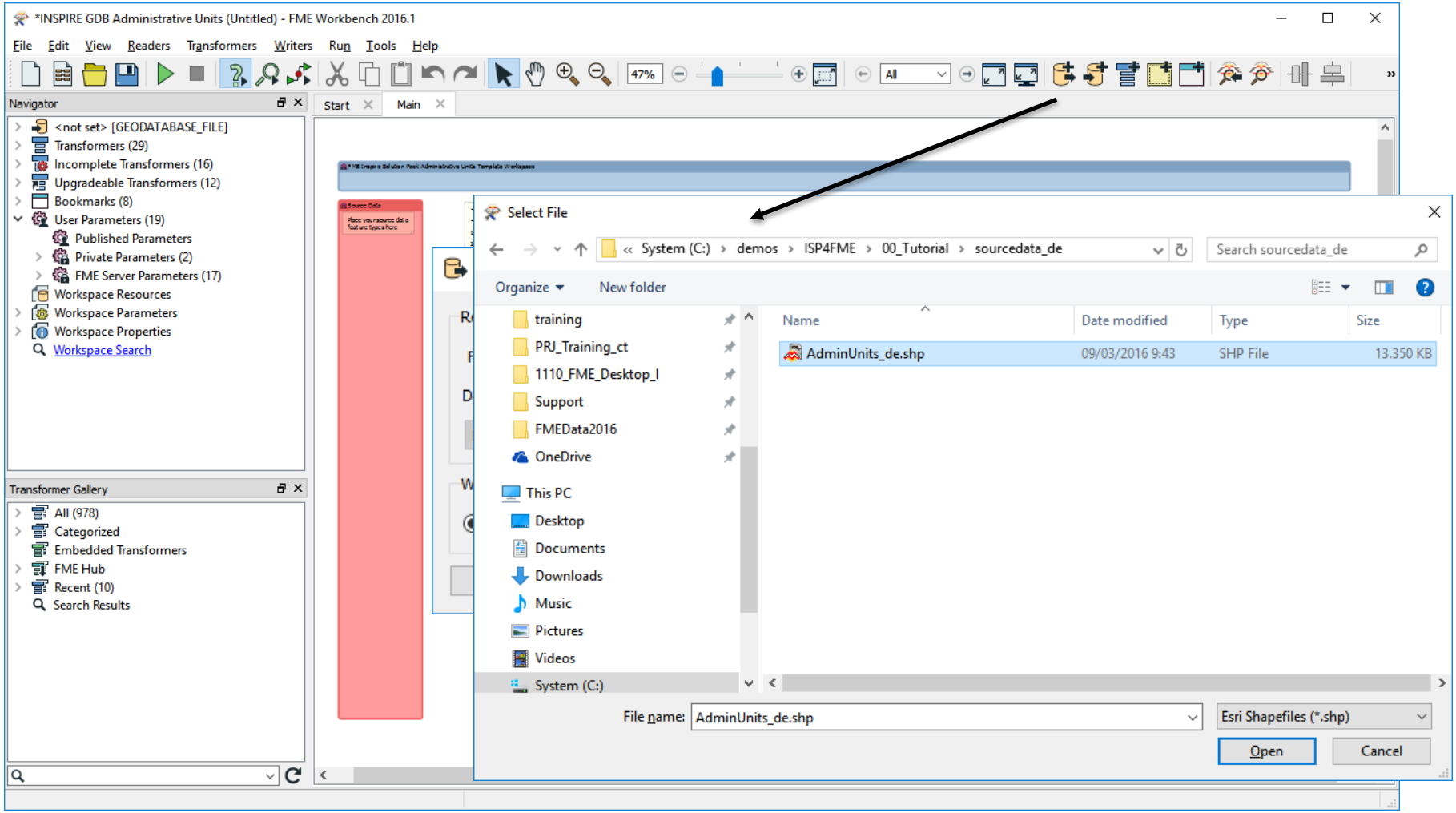
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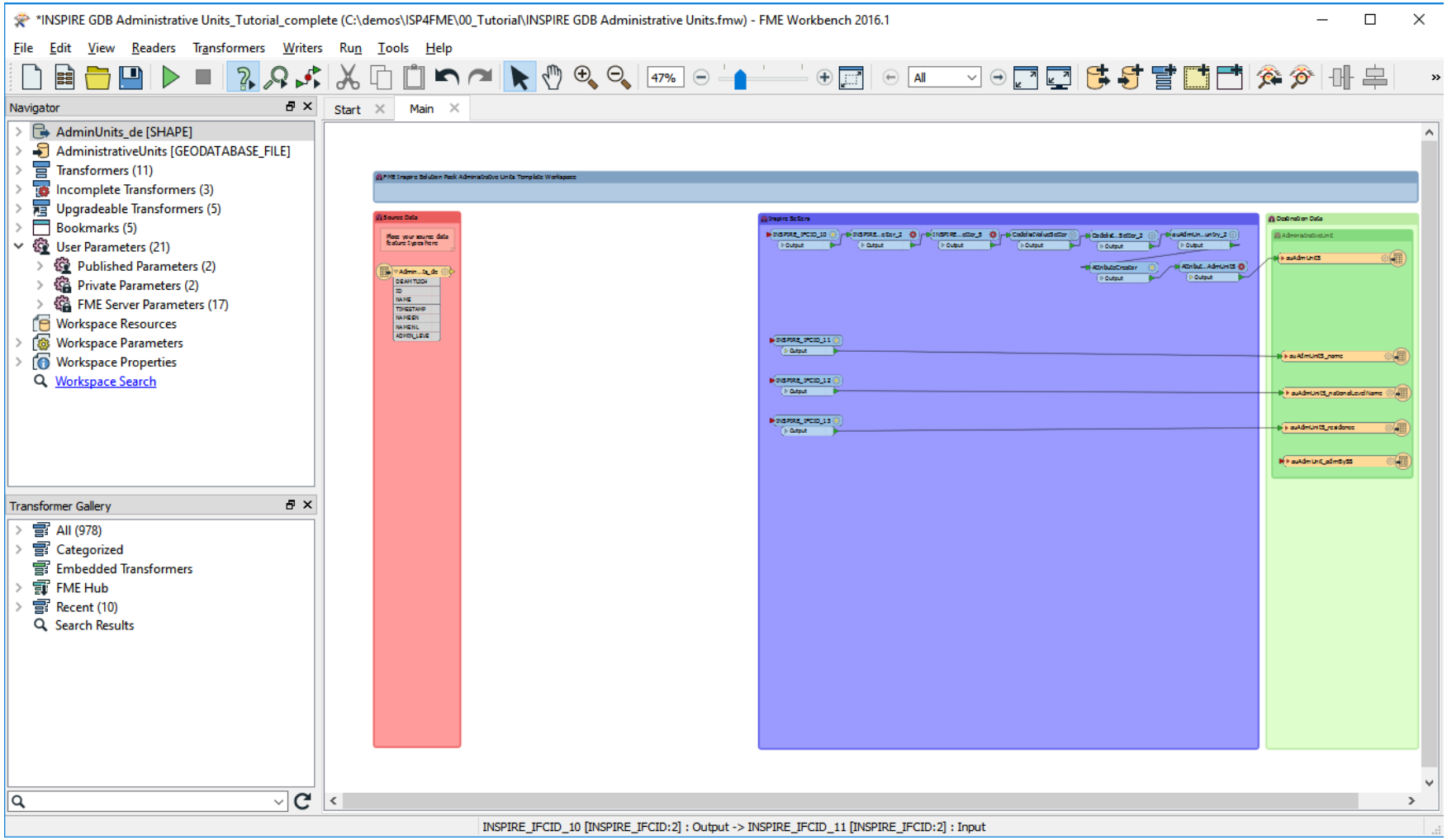
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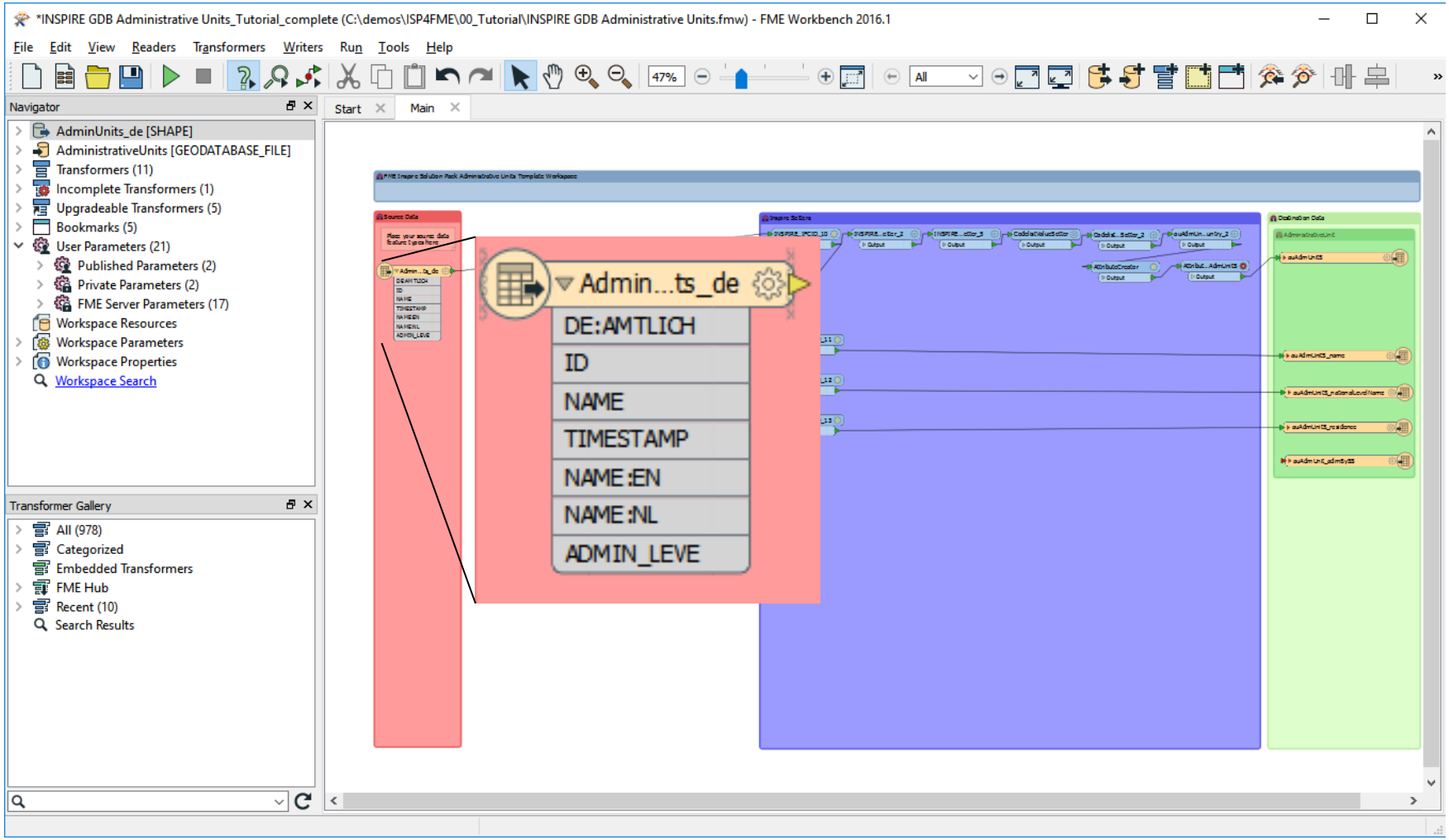
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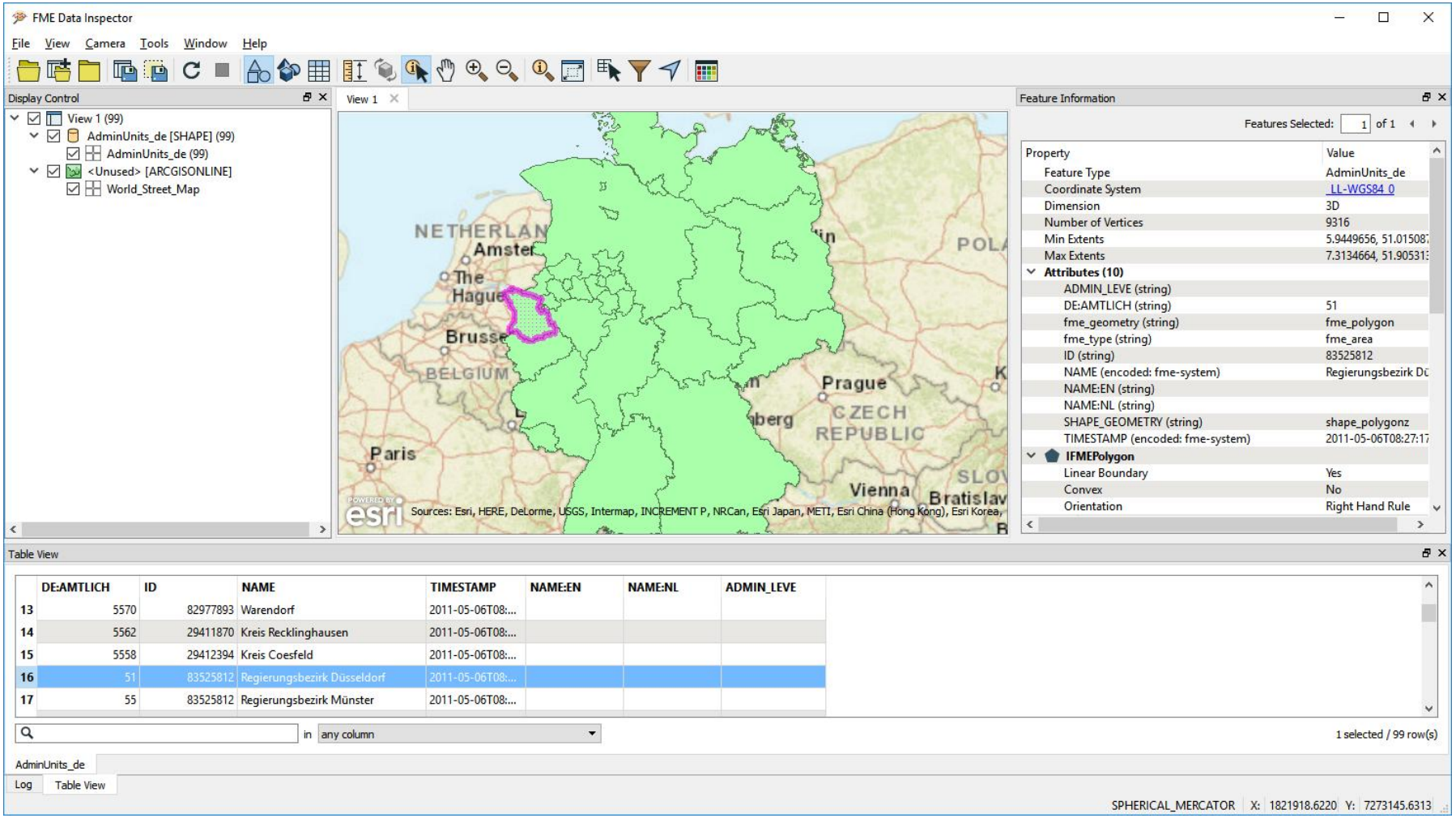
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The Hague
Brusse
BELGIUM
Paris
Prague
CZECH REPUBLIC
Vienna
Bratislav
Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea,
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Value
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Max Extents
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15 5558 29412394 Kreis Coesfeld 2011-05-06T08:...
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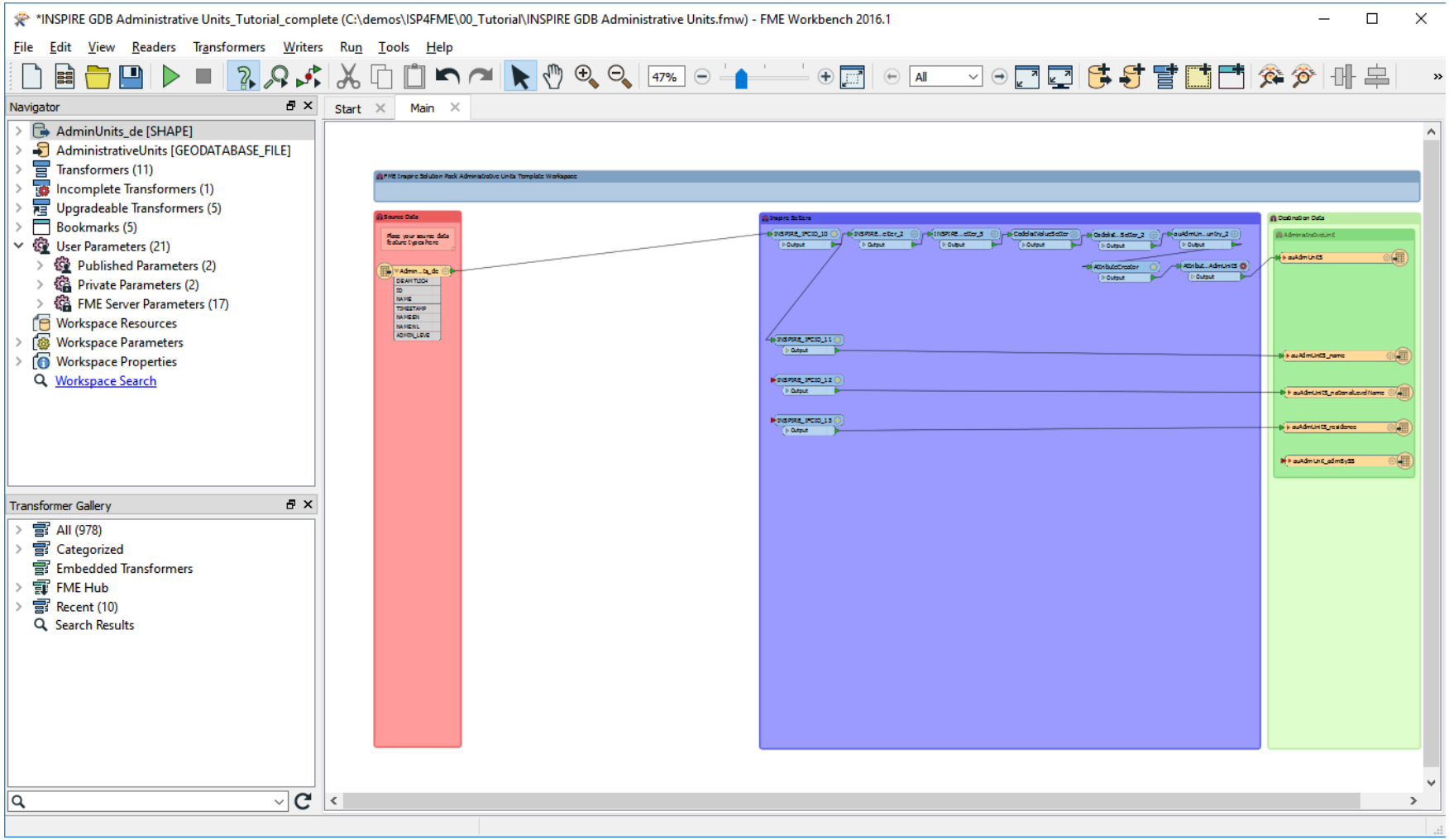
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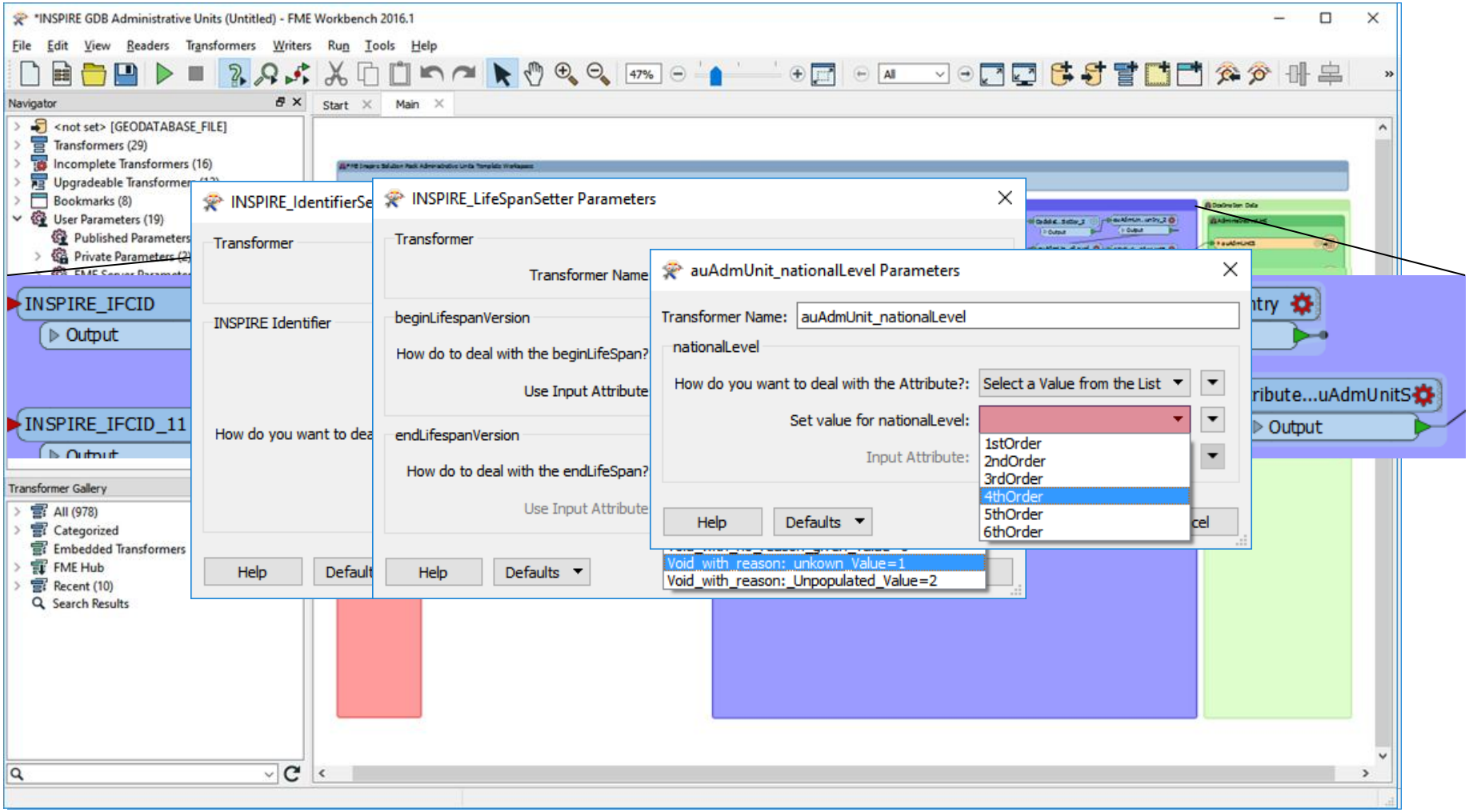
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Help
Default
INSPIRE_LifeSpanSetter Parameters
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Transformer Name
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Use Input Attribute
endLifespanVersion
How do to deal with the endLifeSpan?
Use Input Attribute
Help
Defaults
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Input Attribute:
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2ndOrder
3rdOrder
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6thOrder
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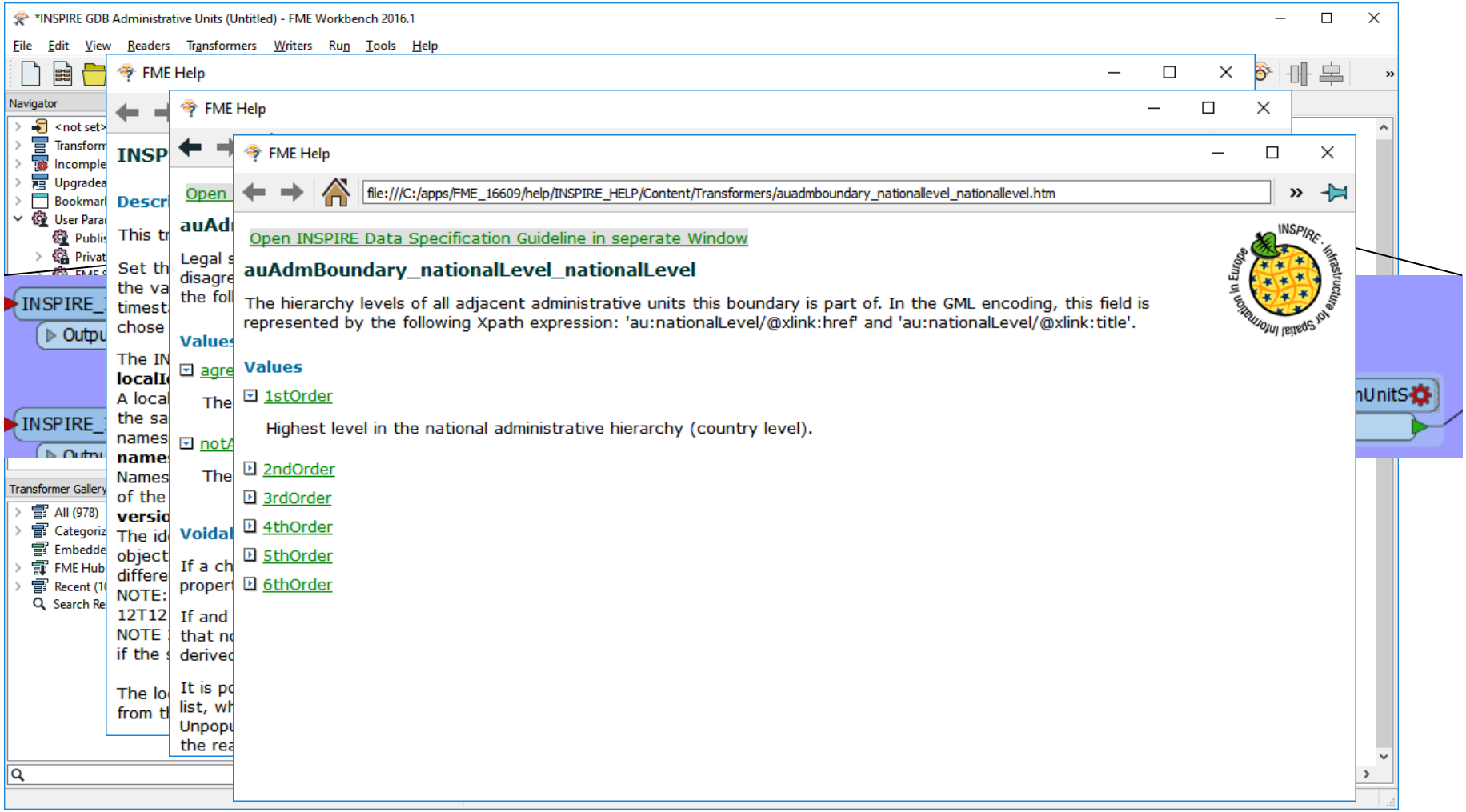
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FME Help
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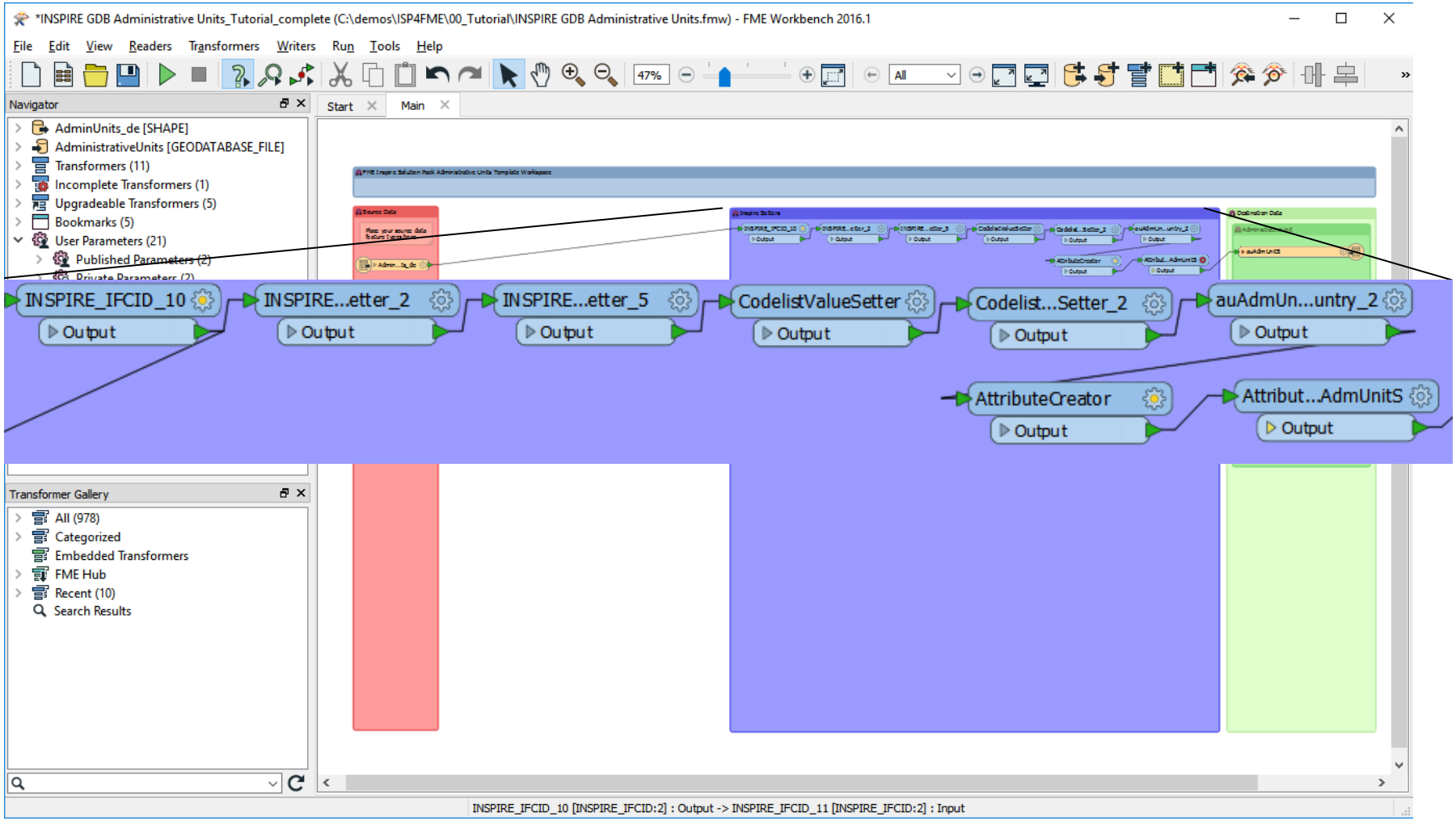
Open INSPIRE Data Specification Guideline in seperate Window
auAdmBoundary_nationalLevel_nationalLevel
The hierarchy levels of all adjacent administrative units this boundary is part of. In the GML encoding, this field is represented by the following Xpath expression: 'au:nationalLevel/@xlink:href' and 'au:nationalLevel/@xlink:title'.
Values
1stOrder
Highest level in the national administrative hierarchy (country level).
2ndOrder
3rdOrder
4thOrder
5thOrder
6thOrder
INSPIRE - Infrastructure for Spatial Information in Europe
Navigator
Transformer Gallery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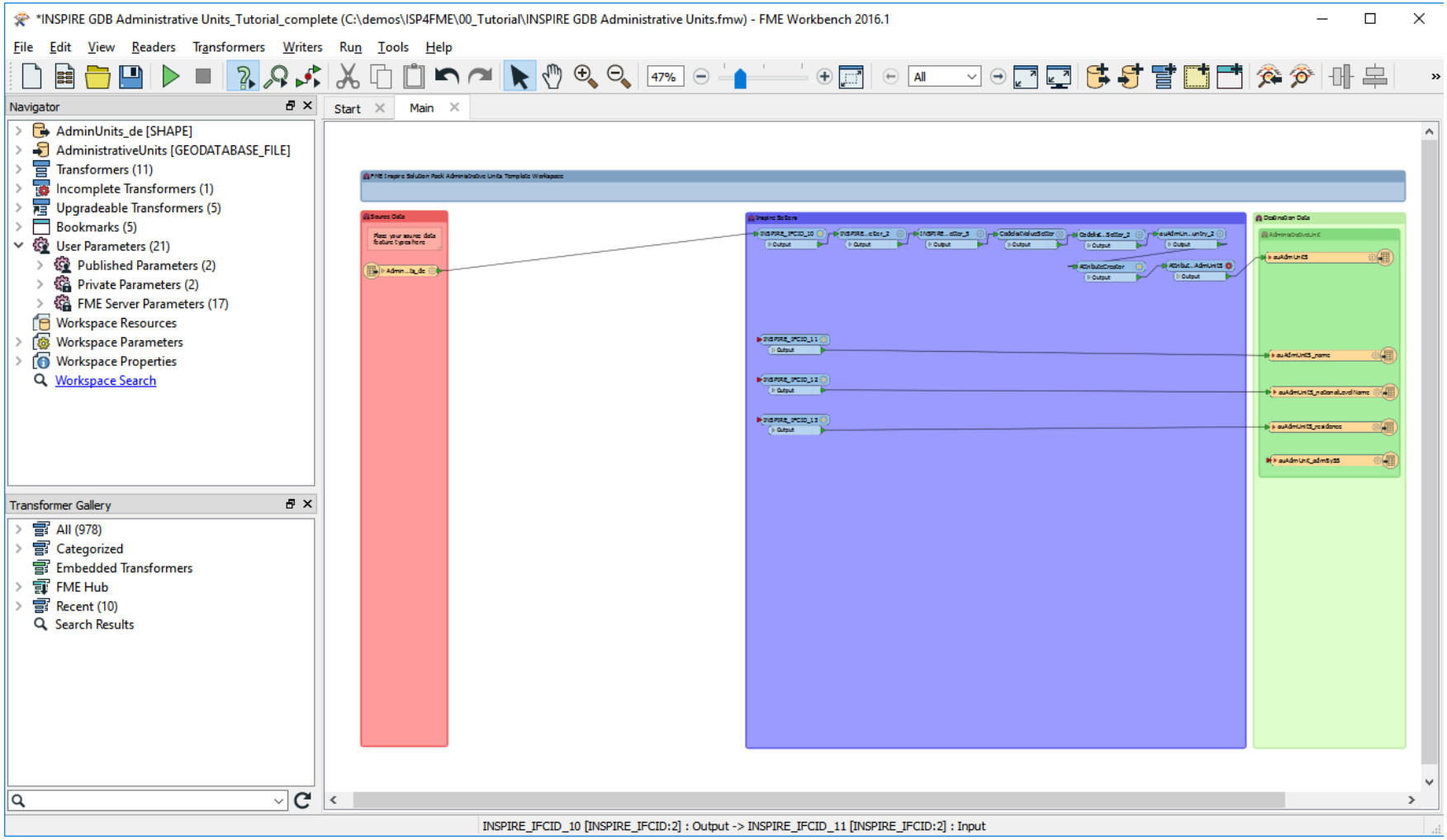
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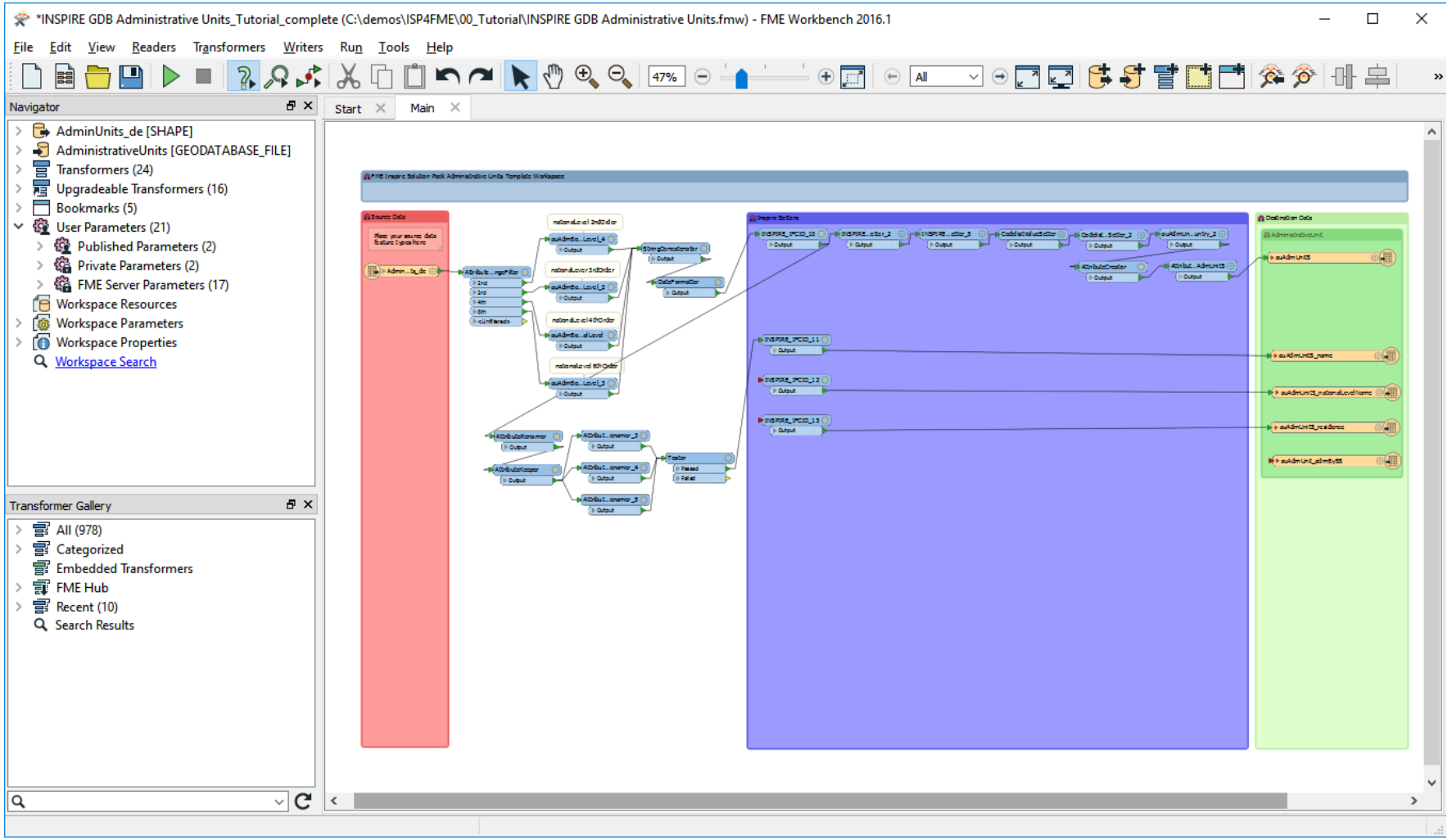
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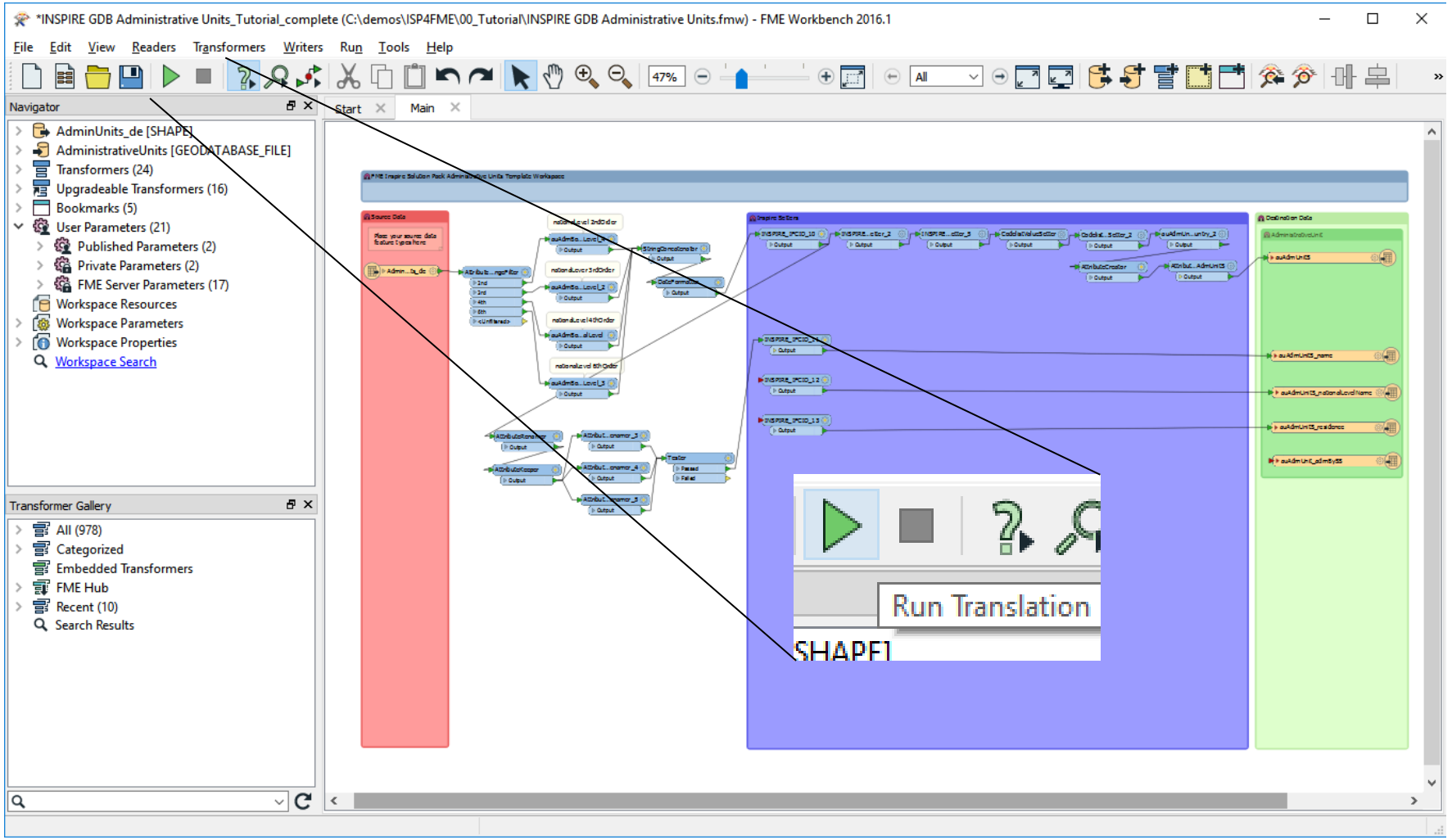
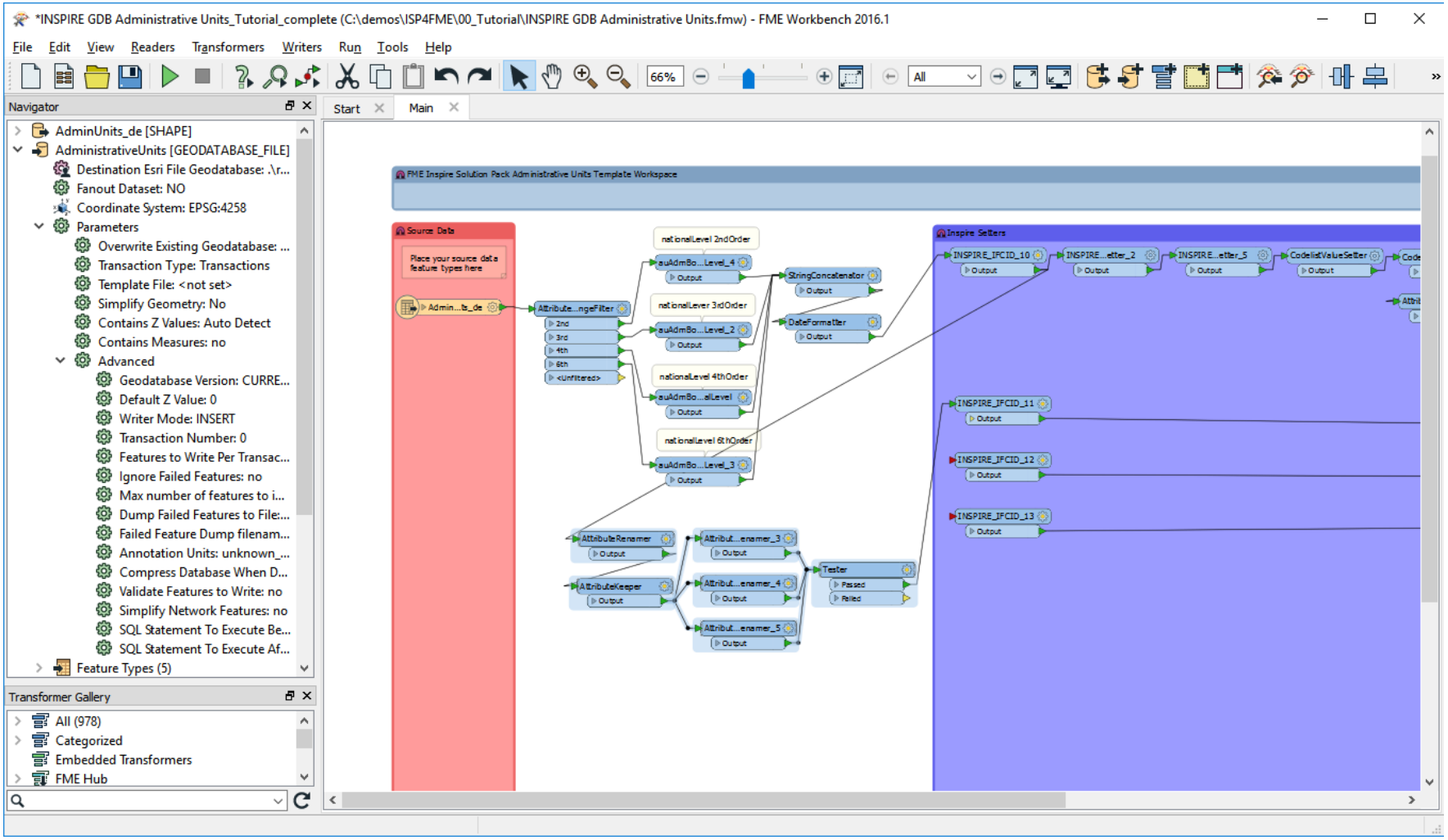
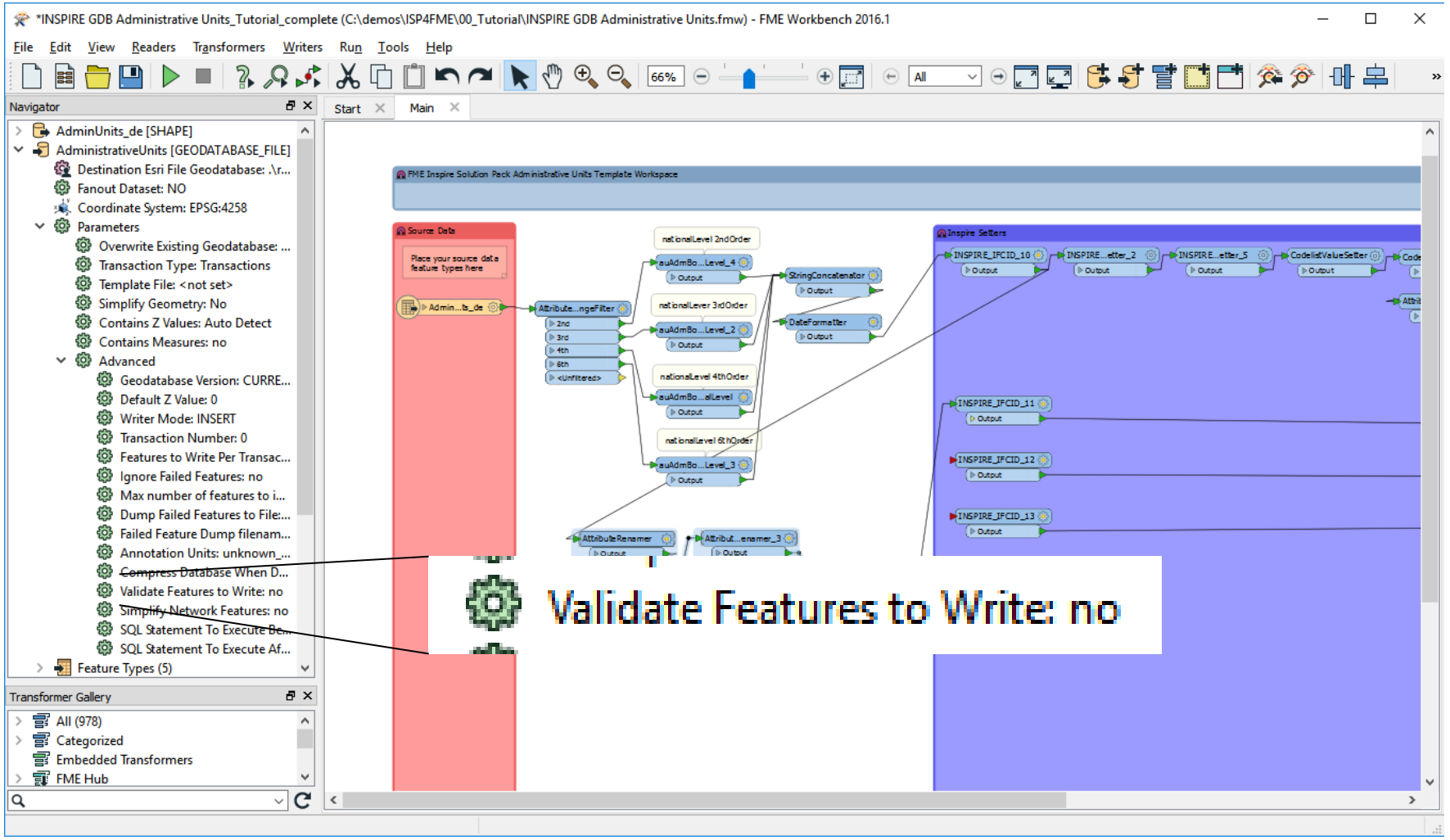
Main


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File
Edit
View
Readers
Transformers
Writers
Run
Tools
Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Transformers (24)
Upgradeable Transformers (16)
Bookmarks (5)
User Parameters (21)
Published Parameters (2)
Private Parameters (2)
FME Server Parameters (17)
Workspace Resources
Workspace Parameters
Workspace Properties
Workspace Search
Transformer Gallery
All (978)
Categorized
Embedded Transformers
FME Hub
Recent (10)
Search Results
Start
Main
Run Translation
SHAPE]


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Destination Esri File Geodatabase: .\r...
Fanout Dataset: NO
Coordinate System: EPSG:4258
Parameters
Overwrite Existing Geodatabase: ...
Transaction Type: Transactions
Template File: <not set>
Simplify Geometry: No
Contains Z Values: Auto Detect
Contains Measures: no
Advanced
Geodatabase Version: CURRE...
Default Z Value: 0
Writer Mode: INSERT
Transaction Number: 0
Features to Write Per Transac...
Ignore Failed Features: no
Max number of features to i...
Dump Failed Features to File:...
Failed Feature Dump filenam...
Annotation Units: unknown_...
Compress Database When D...
Validate Features to Write: no
Simplify Network Features: no
SQL Statement To Execute Be...
SQL Statement To Execute Af...
Feature Types (5)
Transformer Gallery
All (978)
Categorized
Embedded Transformers
FME Hub
Start
Main
FME Inspire Solution Pack Administrative Units Template Workspace
Source Data
Place your source data feature types here
Inspire Setters
StringConcatenator
DateFormatter
AttributeRenamer
AttributeKeeper
Tester
Passed
Failed


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Destination Esri File Geodatabase: .\r...
Fanout Dataset: NO
Coordinate System: EPSG:4258
Parameters
Overwrite Existing Geodatabase: ...
Transaction Type: Transactions
Template File: <not set>
Simplify Geometry: No
Contains Z Values: Auto Detect
Contains Measures: no
Advanced
Geodatabase Version: CURRE...
Default Z Value: 0
Writer Mode: INSERT
Transaction Number: 0
Features to Write Per Transac...
Ignore Failed Features: no
Max number of features to i...
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Simplify Network Features: no
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SQL Statement To Execute Af...
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Embedded Transformers
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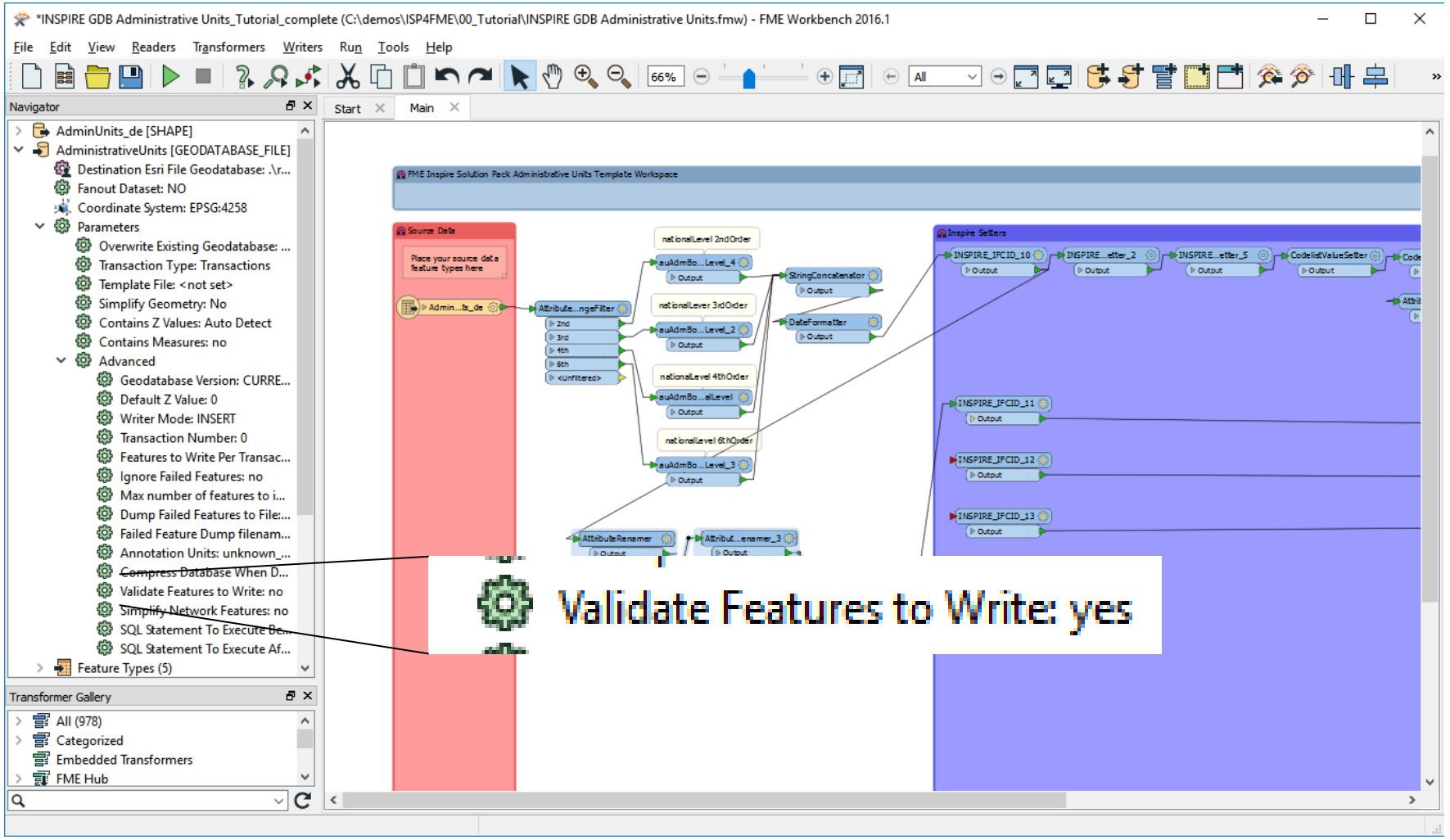
Main
FME Inspire Solution Pack Administrative Units Template Workspace
Source Data
Place your source data feature types here
Inspire Setters
StringConcatenator
DateFormatter
AttributeRenamer
Validate Features to Write: no


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
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AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Destination Esri File Geodatabase: .\r...
Fanout Dataset: NO
Coordinate System: EPSG:4258
Parameters
Overwrite Existing Geodatabase: ...
Transaction Type: Transactions
Template File: <not set>
Simplify Geometry: No
Contains Z Values: Auto Detect
Contains Measures: no
Advanced
Geodatabase Version: CURRE...
Default Z Value: 0
Writer Mode: INSERT
Transaction Number: 0
Features to Write Per Transac...
Ignore Failed Features: no
Max number of features to i...
Dump Failed Features to File:...
Failed Feature Dump filenam...
Annotation Units: unknown_...
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Validate Features to Write: no
Simplify Network Features: no
SQL Statement To Execute Be...
SQL Statement To Execute Af...
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Categorized
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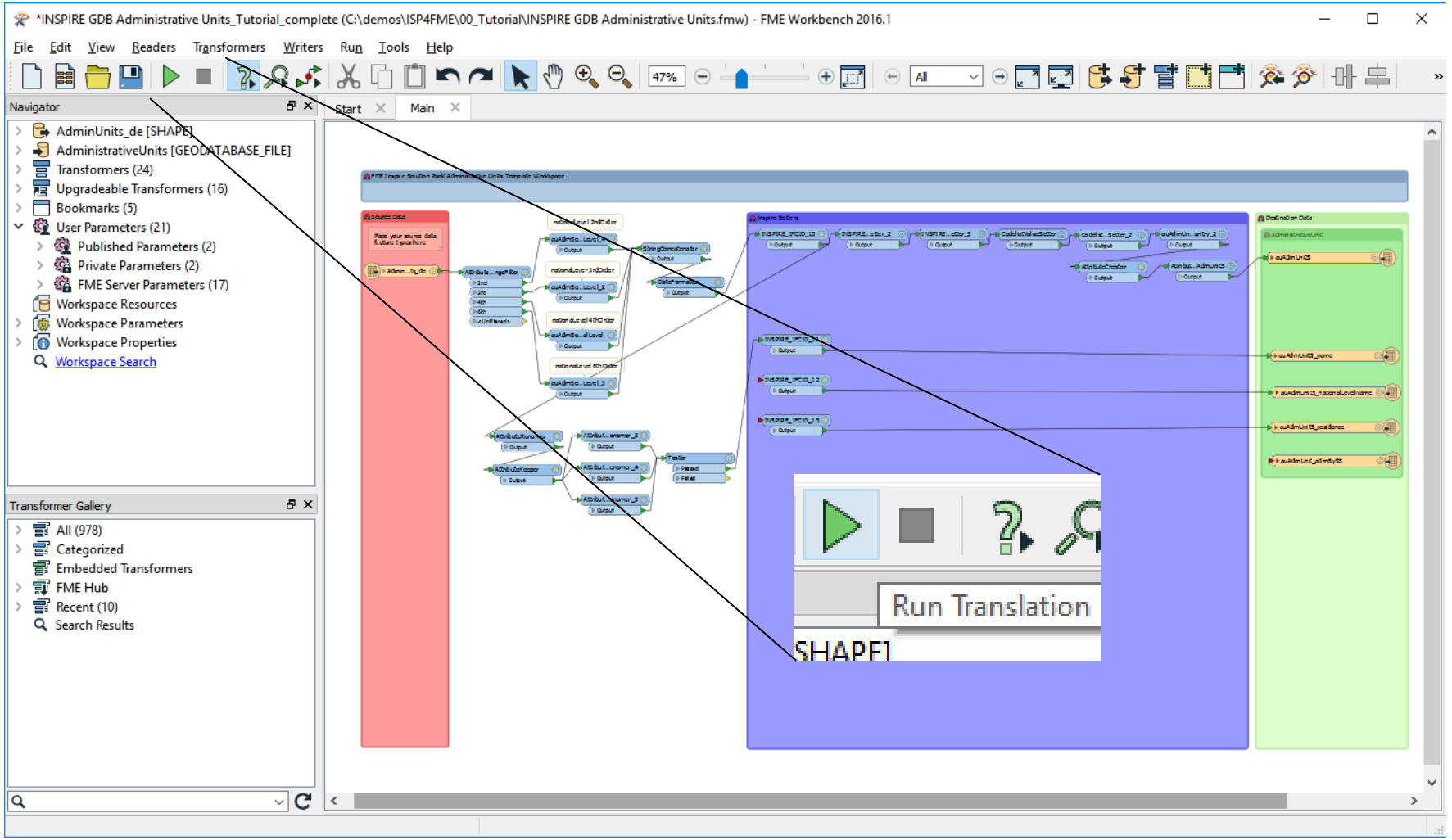
FME Inspire Solution Pack Administrative Units Template Workspace
Source Data
Place your source data feature types here
Inspire Setters
StringConcatenator
DateFormatter
AttributeRenamer
Validate Features to Write: yes


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Transformers (24)
Upgradeable Transformers (16)
Bookmarks (5)
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Workspace Resources
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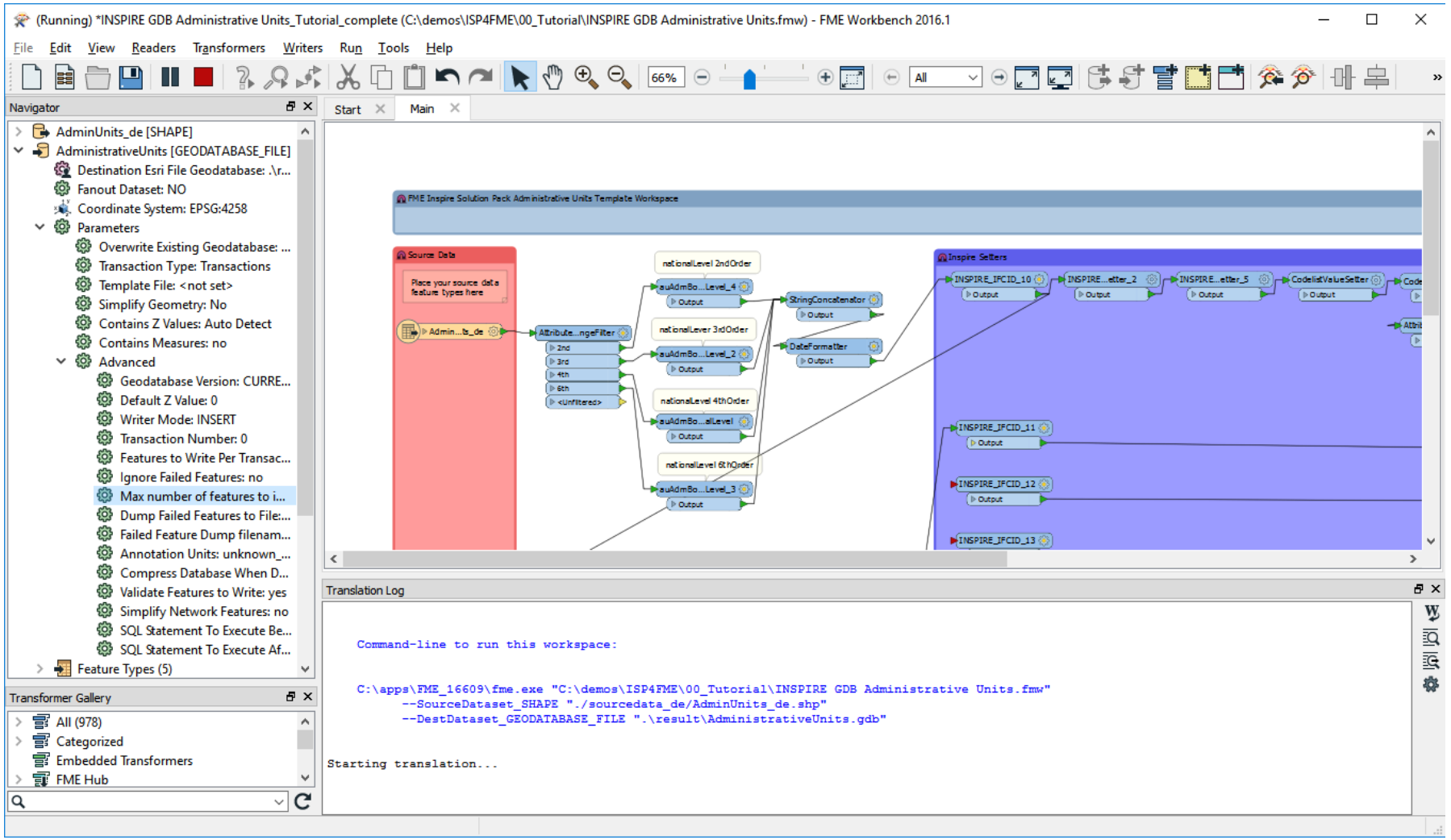
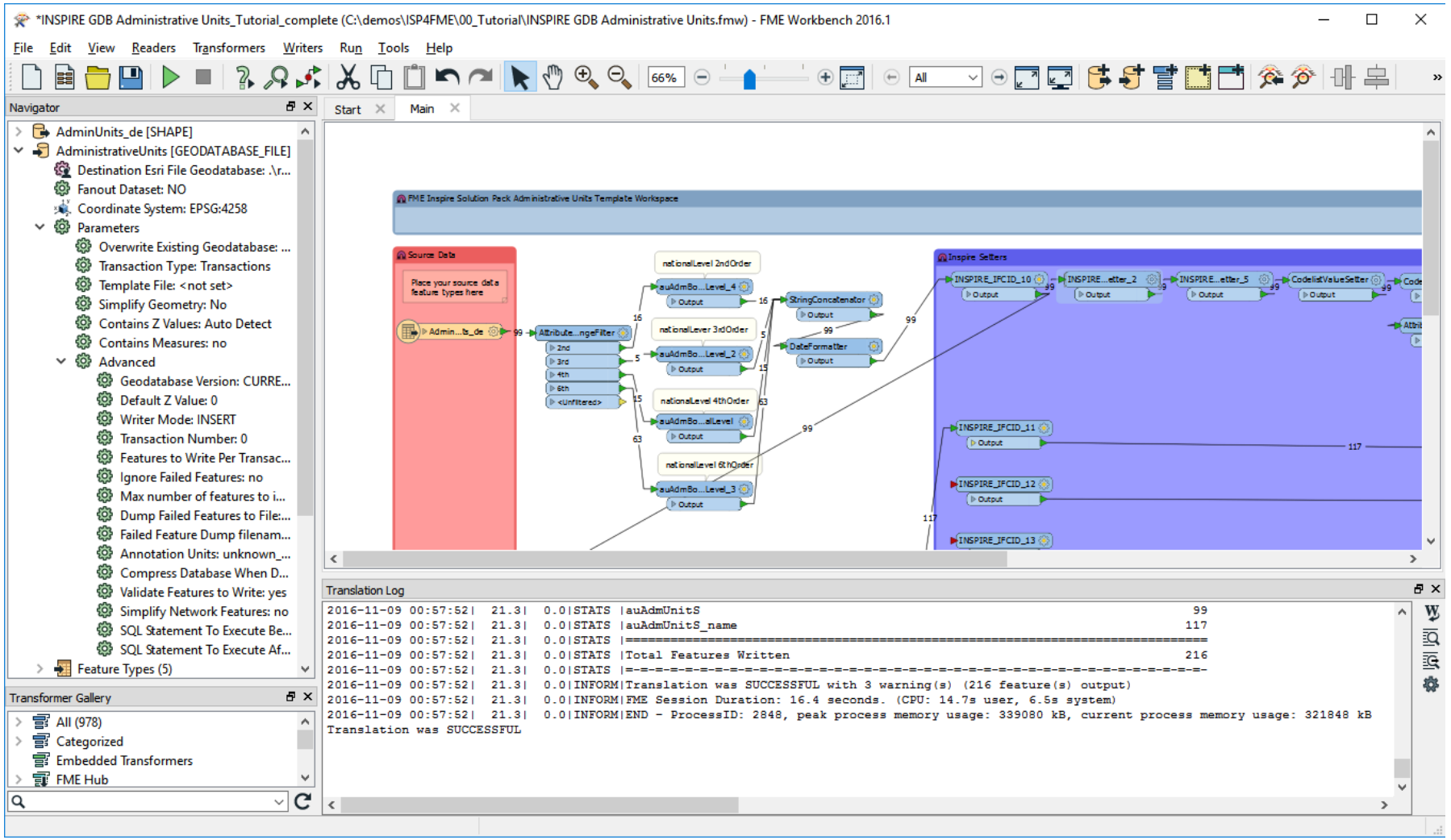
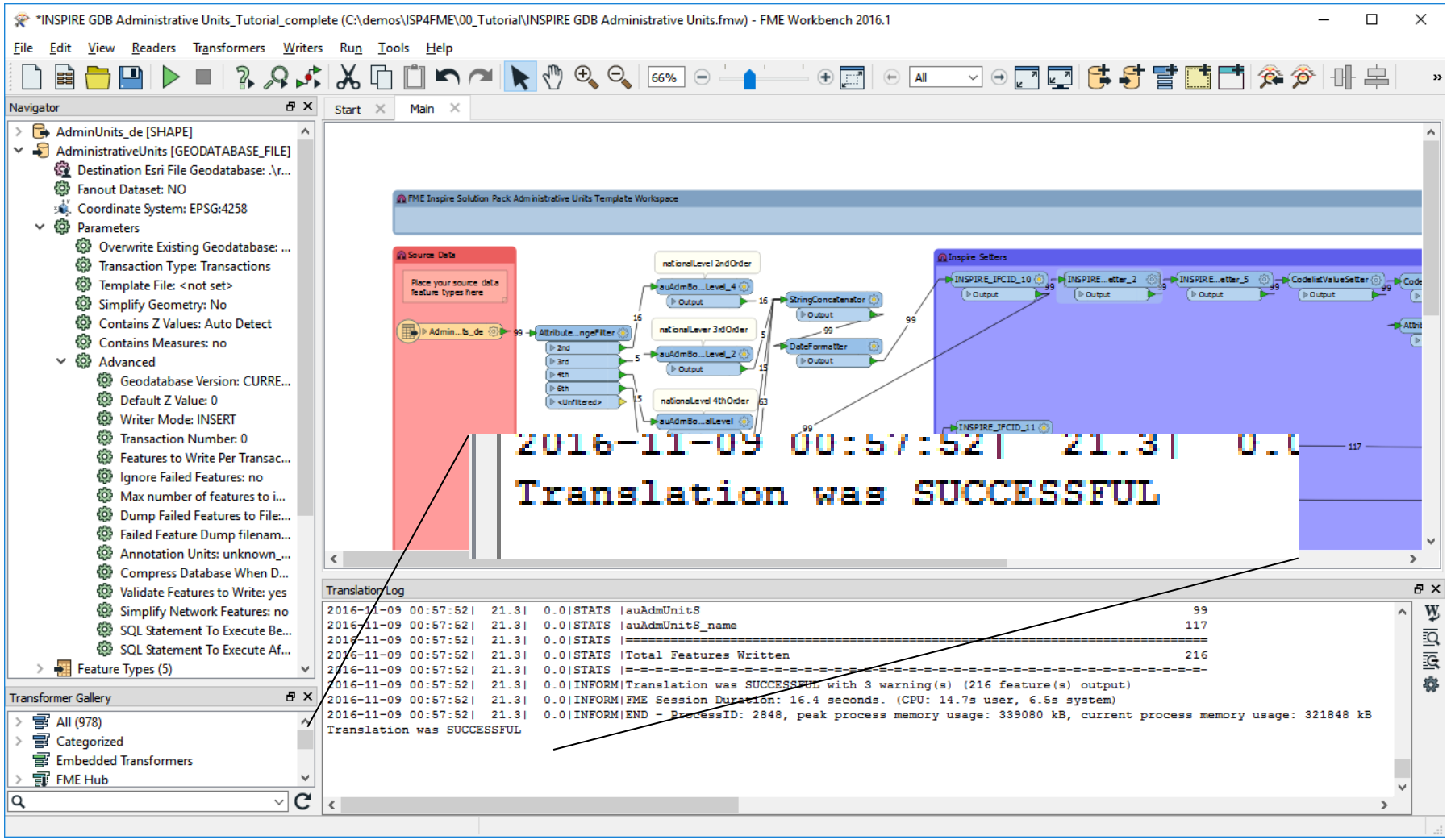
Workspace Search
Transformer Gallery
All (978)
Categorized
Embedded Transformers
FME Hub
Recent (10)
Search Results
Start
Main
Run Translation
SHAPE]


(Running) *INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Destination Esri File Geodatabase: .\r...
Fanout Dataset: NO
Coordinate System: EPSG:4258
Parameters
Overwrite Existing Geodatabase: ...
Transaction Type: Transactions
Template File: <not set>
Simplify Geometry: No
Contains Z Values: Auto Detect
Contains Measures: no
Advanced
Geodatabase Version: CURRE...
Default Z Value: 0
Writer Mode: INSERT
Transaction Number: 0
Features to Write Per Transac...
Ignore Failed Features: no
Max number of features to i...
Dump Failed Features to File:...
Failed Feature Dump filenam...
Annotation Units: unknown_...
Compress Database When D...
Validate Features to Write: yes
Simplify Network Features: no
SQL Statement To Execute Be...
SQL Statement To Execute Af...
Feature Types (5)
Transformer Gallery
All (978)
Categorized
Embedded Transformers
FME Hub
Start
Main
FME Inspire Solution Pack Administrative Units Template Workspace
Source Data
Place your source data feature types here
Admin...ts_de
AttributeRangeFilter
2nd
3rd
4th
6th
<unfiltered>
nationalLevel 2ndOrder
auAdmBo...Level_4
nationalLevel 3rdOrder
auAdmBo...Level_2
nationalLevel 4thOrder
auAdmBo...alLevel
nationalLevel 6thOrder
auAdmBo...Level_3
Output
StringConcatenator
DateFormatter
Inspire Setters
INSPIRE_IFCID_10
INSPIRE...etter_2
INSPIRE...etter_5
CodelistValueSetter
INSPIRE_IFCID_11
INSPIRE_IFCID_12
INSPIRE_IFCID_13
Translation Log
Command-line to run this workspace:
C:\apps\FME_16609\fme.exe "C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw"
--SourceDataset_SHAPE "./sourcedata_de/AdminUnits_de.shp"
--DestDataset_GEODATABASE_FILE ".\result\AdministrativeUnits.gdb"
Starting translation...


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Destination Esri File Geodatabase: .\r...
Fanout Dataset: NO
Coordinate System: EPSG:4258
Parameters
Overwrite Existing Geodatabase: ...
Transaction Type: Transactions
Template File: <not set>
Simplify Geometry: No
Contains Z Values: Auto Detect
Contains Measures: no
Advanced
Geodatabase Version: CURRE...
Default Z Value: 0
Writer Mode: INSERT
Transaction Number: 0
Features to Write Per Transac...
Ignore Failed Features: no
Max number of features to i...
Dump Failed Features to File:...
Failed Feature Dump filenam...
Annotation Units: unknown_...
Compress Database When D...
Validate Features to Write: yes
Simplify Network Features: no
SQL Statement To Execute Be...
SQL Statement To Execute Af...
Feature Types (5)
Transformer Gallery
All (978)
Categorized
Embedded Transformers
FME Hub
Start
Main
FME Inspire Solution Pack Administrative Units Template Workspace
Source Data
Place your source data feature types here
Inspire Setters
StringConcatenator
DateFormatter
Translation Log
2016-11-09 00:57:52| 21.3| 0.0|STATS |auAdmUnitS 99
2016-11-09 00:57:52| 21.3| 0.0|STATS |auAdmUnitS_name 117
2016-11-09 00:57:52| 21.3| 0.0|STATS |Total Features Written 216
2016-11-09 00:57:52| 21.3| 0.0|INFORM|Translation was SUCCESSFUL with 3 warning(s) (216 feature(s) output)
2016-11-09 00:57:52| 21.3| 0.0|INFORM|FME Session Duration: 16.4 seconds. (CPU: 14.7s user, 6.5s system)
2016-11-09 00:57:52| 21.3| 0.0|INFORM|END - ProcessID: 2848, peak process memory usage: 339080 kB, current process memory usage: 321848 kB
Translation was SUCCESSFUL


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Destination Esri File Geodatabase: .\r...
Fanout Dataset: NO
Coordinate System: EPSG:4258
Parameters
Overwrite Existing Geodatabase: ...
Transaction Type: Transactions
Template File: <not set>
Simplify Geometry: No
Contains Z Values: Auto Detect
Contains Measures: no
Advanced
Geodatabase Version: CURRE...
Default Z Value: 0
Writer Mode: INSERT
Transaction Number: 0
Features to Write Per Transac...
Ignore Failed Features: no
Max number of features to i...
Dump Failed Features to File:...
Failed Feature Dump filenam...
Annotation Units: unknown_...
Compress Database When D...
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SQL Statement To Execute Af...
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Translation was SUCCESSFUL
Translation Log
2016-11-09 00:57:52| 21.3| 0.0|STATS |auAdmUnitS 99
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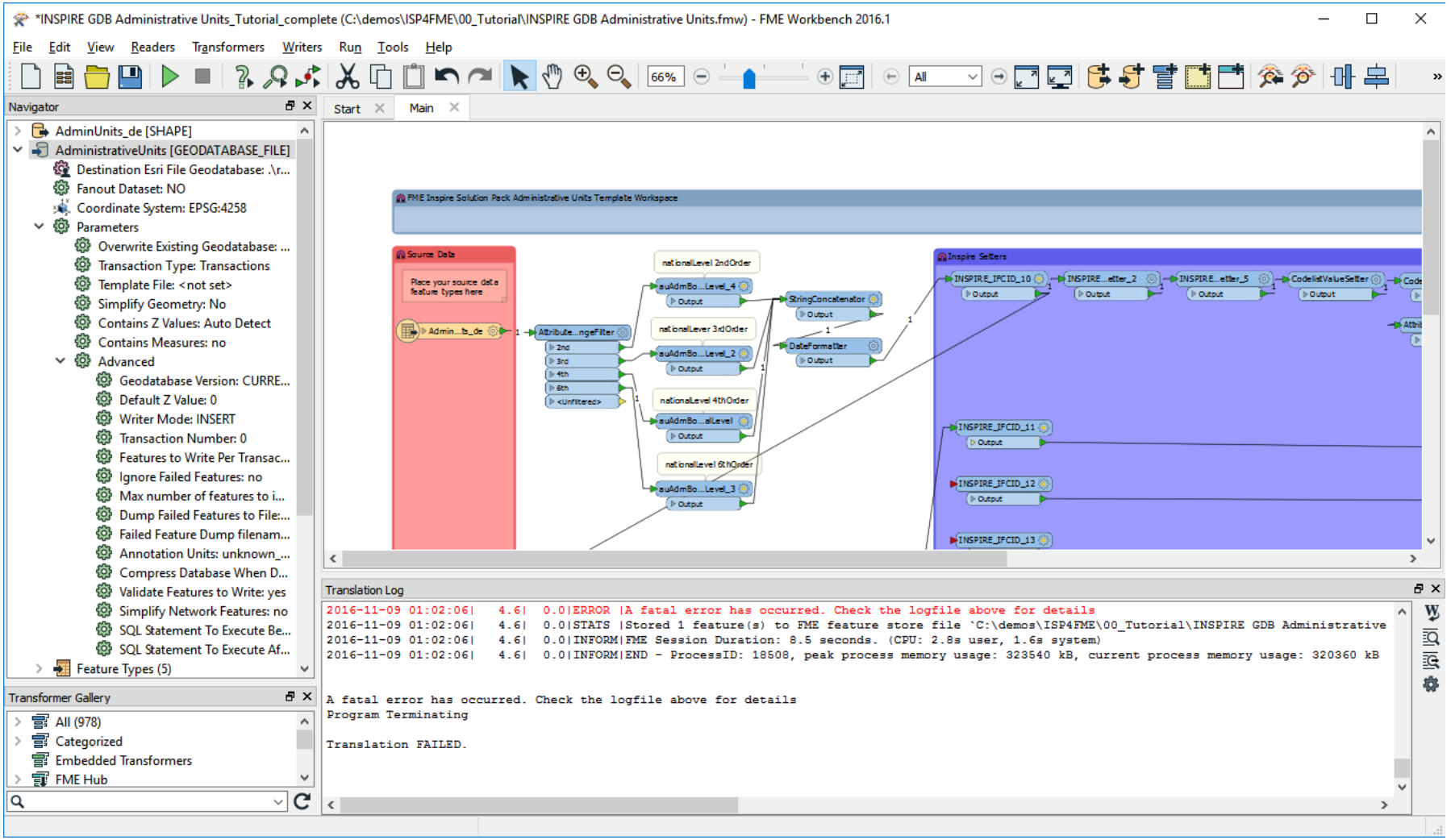
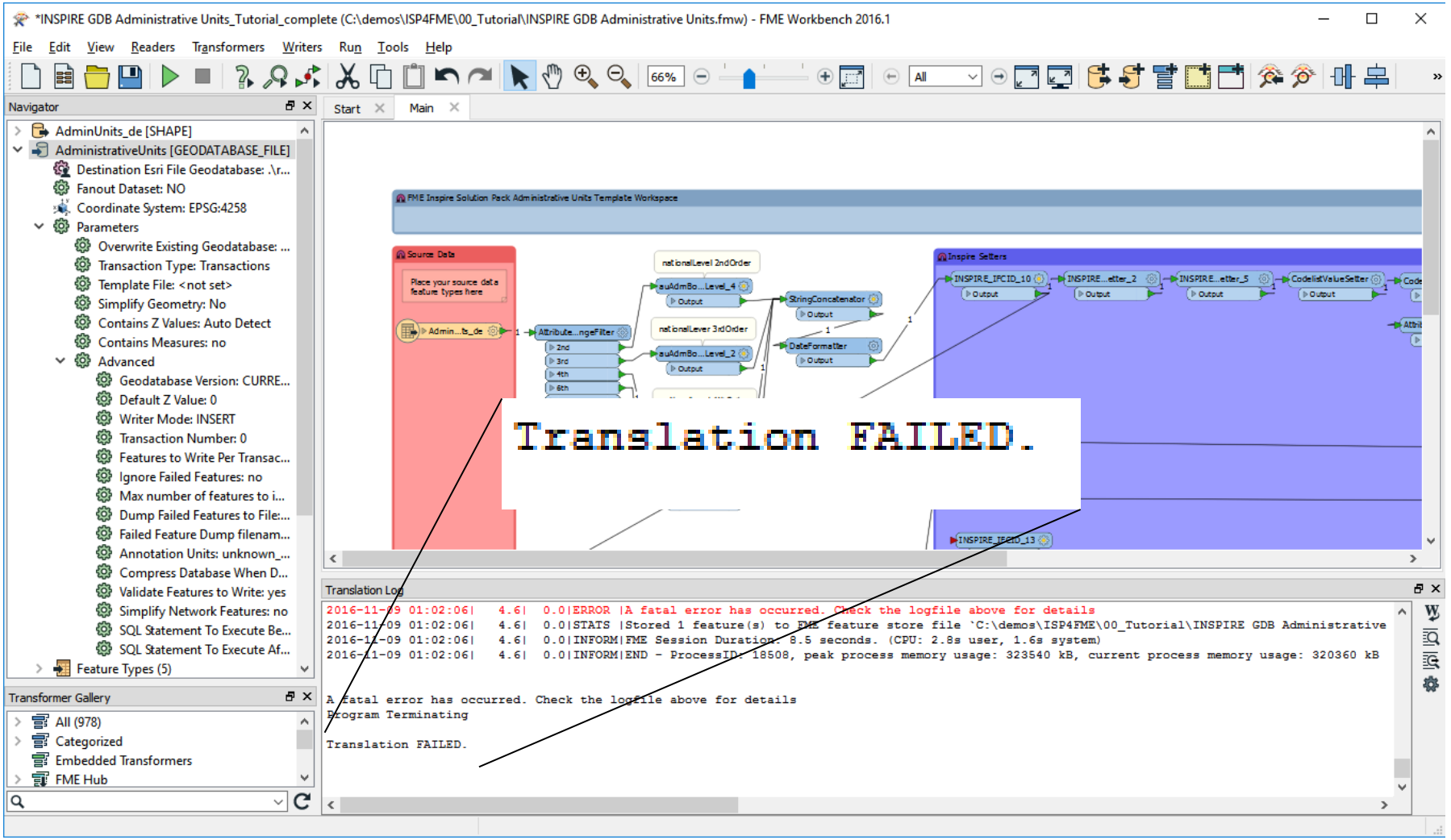
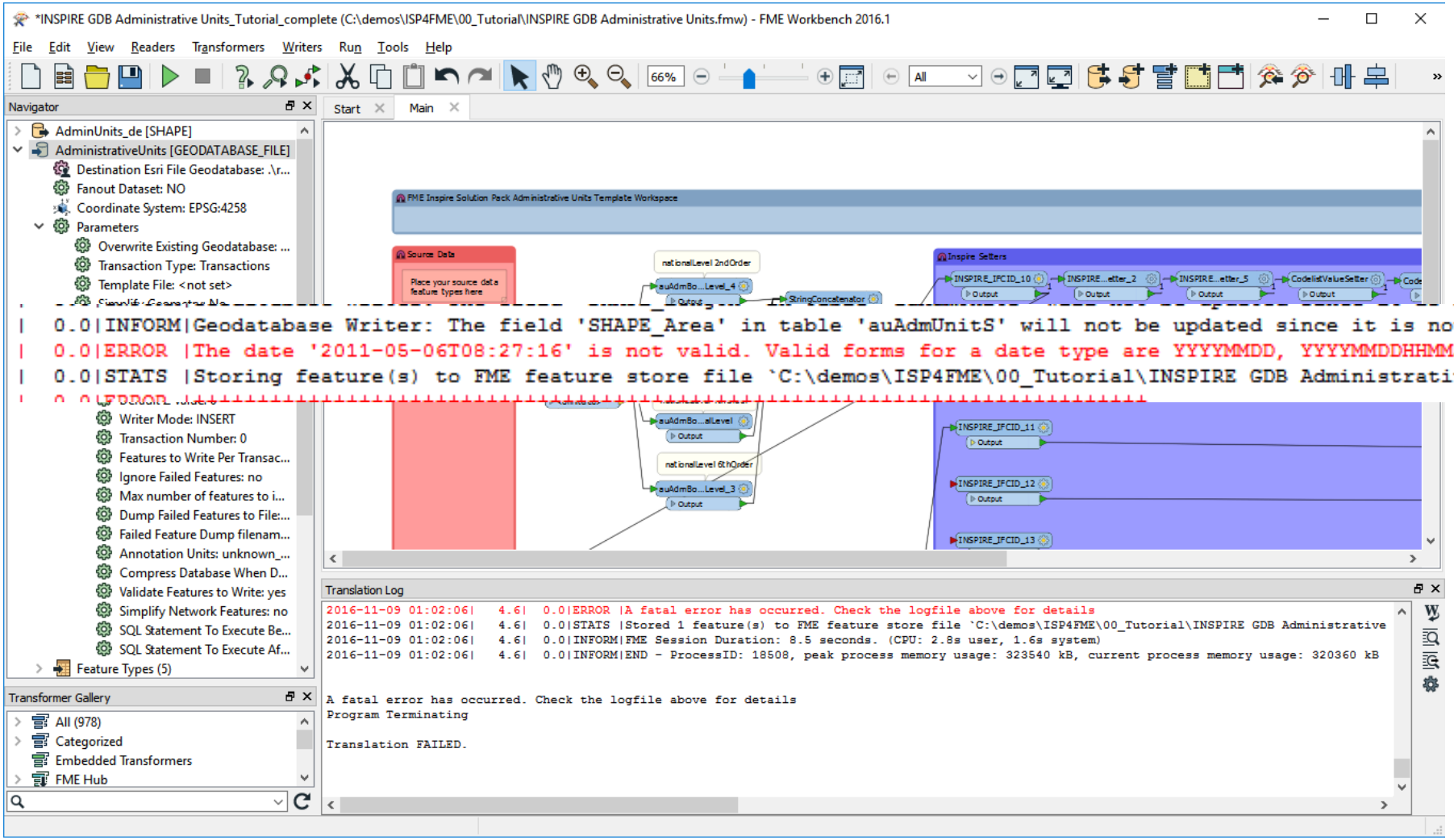
Translation was SUCCESSFUL


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Destination Esri File Geodatabase: .\r...
Fanout Dataset: NO
Coordinate System: EPSG:4258
Parameters
Overwrite Existing Geodatabase: ...
Transaction Type: Transactions
Template File: <not set>
Simplify Geometry: No
Contains Z Values: Auto Detect
Contains Measures: no
Advanced
Geodatabase Version: CURRE...
Default Z Value: 0
Writer Mode: INSERT
Transaction Number: 0
Features to Write Per Transac...
Ignore Failed Features: no
Max number of features to i...
Dump Failed Features to File:...
Failed Feature Dump filenam...
Annotation Units: unknown_...
Compress Database When D...
Validate Features to Write: yes
Simplify Network Features: no
SQL Statement To Execute Be...
SQL Statement To Execute Af...
Feature Types (5)
Transformer Gallery
All (978)
Categorized
Embedded Transformers
FME Hub
Start
Main
FME Inspire Solution Pack Administrative Units Template Workspace
Source Data
Place your source data feature types here
Inspire Setters
StringConcatenator
DateFormatter
Translation Log
2016-11-09 01:02:06| 4.6| 0.0|ERROR |A fatal error has occurred. Check the logfile above for details
2016-11-09 01:02:06| 4.6| 0.0|STATS |Stored 1 feature(s) to FME feature store file 'C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative
2016-11-09 01:02:06| 4.6| 0.0|INFORM|FME Session Duration: 8.5 seconds. (CPU: 2.8s user, 1.6s system)
2016-11-09 01:02:06| 4.6| 0.0|INFORM|END - ProcessID: 18508, peak process memory usage: 323540 kB, current process memory usage: 320360 kB
A fatal error has occurred. Check the logfile above for details
Program Terminating
Translation FAILED.


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Destination Esri File Geodatabase: .\r...
Fanout Dataset: NO
Coordinate System: EPSG:4258
Parameters
Overwrite Existing Geodatabase: ...
Transaction Type: Transactions
Template File: <not set>
Simplify Geometry: No
Contains Z Values: Auto Detect
Contains Measures: no
Advanced
Geodatabase Version: CURRE...
Default Z Value: 0
Writer Mode: INSERT
Transaction Number: 0
Features to Write Per Transac...
Ignore Failed Features: no
Max number of features to i...
Dump Failed Features to File:...
Failed Feature Dump filenam...
Annotation Units: unknown_...
Compress Database When D...
Validate Features to Write: yes
Simplify Network Features: no
SQL Statement To Execute Be...
SQL Statement To Execute Af...
Feature Types (5)
Transformer Gallery
All (978)
Categorized
Embedded Transformers
FME Hub
Start
Main
FME Inspire Solution Pack Administrative Units Template Workspace
Source Data
Place your source data feature types here
Inspire Setters
StringConcatenator
DateFormatter
Translation FAILED.
Translation Log
2016-11-09 01:02:06| 4.6| 0.0|ERROR |A fatal error has occurred. Check the logfile above for details
2016-11-09 01:02:06| 4.6| 0.0|STATS |Stored 1 feature(s) to FME feature store file 'C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative
2016-11-09 01:02:06| 4.6| 0.0|INFORM|FME Session Duration: 8.5 seconds. (CPU: 2.8s user, 1.6s system)
2016-11-09 01:02:06| 4.6| 0.0|INFORM|END - ProcessID: 18508, peak process memory usage: 323540 kB, current process memory usage: 320360 kB
A fatal error has occurred. Check the logfile above for details
Program Terminating
Translation FAILED.


*INSPIRE GDB Administrative Units_Tutorial_complete (C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative Units.fmw) - FME Workbench 2016.1
File Edit View Readers Transformers Writers Run Tools Help
Navigator
AdminUnits_de [SHAPE]
AdministrativeUnits [GEODATABASE_FILE]
Destination Esri File Geodatabase: .\r...
Fanout Dataset: NO
Coordinate System: EPSG:4258
Parameters
Overwrite Existing Geodatabase: ...
Transaction Type: Transactions
Template File: <not set>
Writer Mode: INSERT
Transaction Number: 0
Features to Write Per Transac...
Ignore Failed Features: no
Max number of features to i...
Dump Failed Features to File:...
Failed Feature Dump filenam...
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Validate Features to Write: yes
Simplify Network Features: no
SQL Statement To Execute Be...
SQL Statement To Execute Af...
Feature Types (5)
Transformer Gallery
All (978)
Categorized
Embedded Transformers
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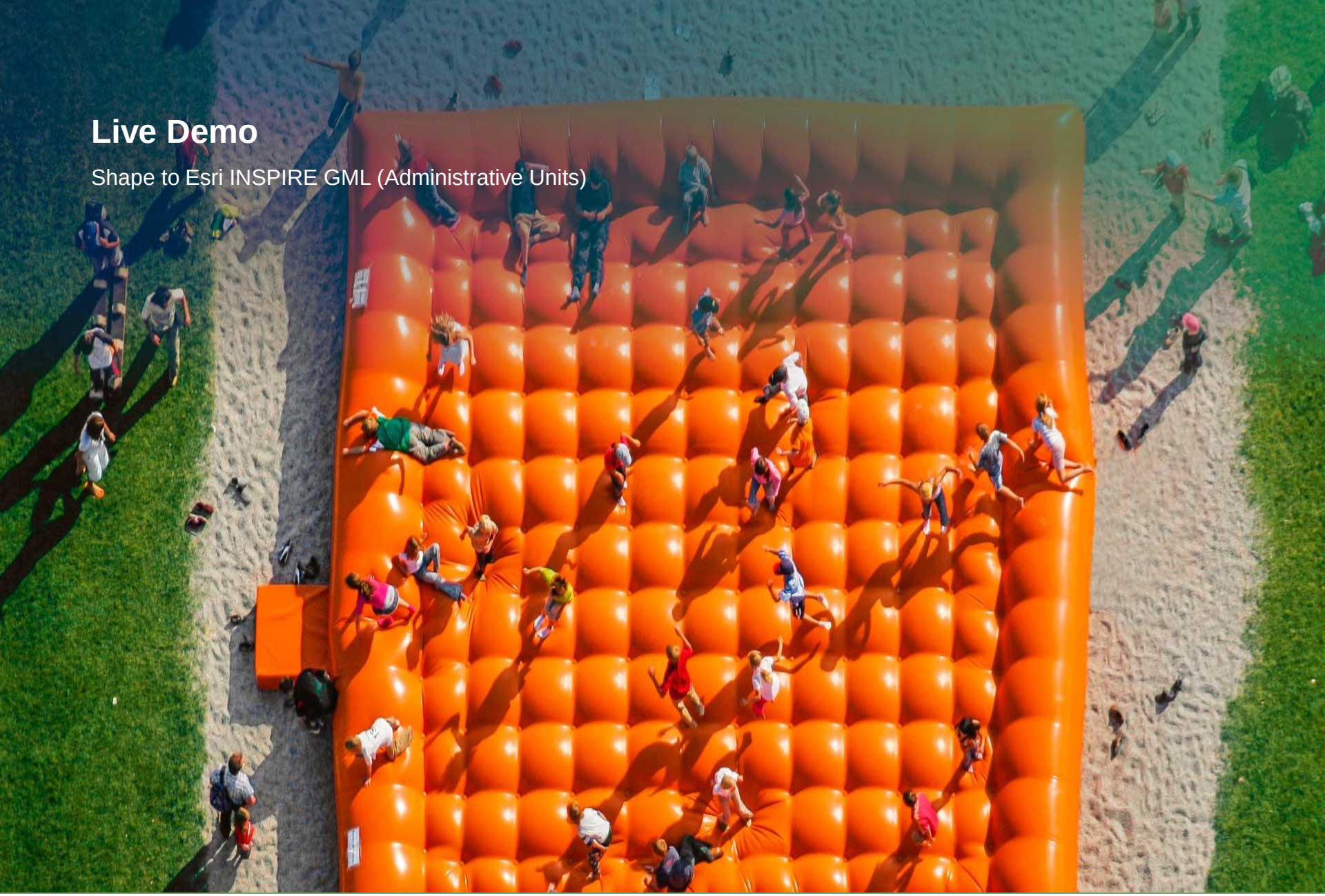
FME Inspire Solution Pack Administrative Units Template Workspace
Source Data
Place your source data feature types here
nationalLevel 2ndOrder
StringConcatenator
Inspire Setters
INSPIRE_IFCID_10
INSPIRE_IFCID_11
INSPIRE_IFCID_12
INSPIRE_IFCID_13
CodelistValueSetter
nationalLevel 6thOrder
Translation Log
2016-11-09 01:02:06| 4.6| 0.0|ERROR |A fatal error has occurred. Check the logfile above for details
2016-11-09 01:02:06| 4.6| 0.0|STATS |Stored 1 feature(s) to FME feature store file `C:\demos\ISP4FME\00_Tutorial\INSPIRE GDB Administrative
2016-11-09 01:02:06| 4.6| 0.0|INFORM|FME Session Duration: 8.5 seconds. (CPU: 2.8s user, 1.6s system)
2016-11-09 01:02:06| 4.6| 0.0|INFORM|END - ProcessID: 18508, peak process memory usage: 323540 kB, current process memory usage: 320360 kB
A fatal error has occurred. Check the logfile above for details
Program Terminating
Translation FAILED.

Live Demo

Shape to Esri INSPIRE GML (Administrative Units)

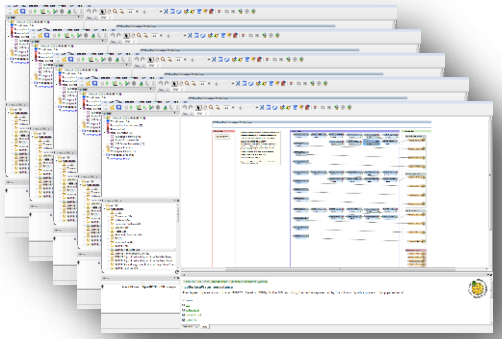


INSPIRE Solution Pack for FME

Workspace Templates (FME Hub!)

Esri GDB Templates

- Addresses
- Administrative Units
- Cadastral Parcels
- Geographical Names
- Hydrography
- Protected Sites
- Transport Networks
- Geology
- Land Cover
- Land Use (**New**)
- Mineral Resources (**New**)
- Statistical Units (**New**)

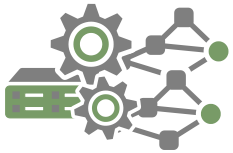


https://hub.safe.com

GML Templates (all Annex themes)

- Addresses
- Administrative Units
- Cadastral Parcels
- Geographical Names
- Hydrography
- Protected Sites
- Transport Networks
- Elevation
- Geology
- Land Cover
- Bio-geographical Regions
- Buildings
- Habitats and Biotopes
- Natural Risk Zones
- Production and Industrial Facilities
- Species Distribution
- Energy Resources (**New**)
- Mineral Resources (**New**)
- Soil (**New**)
- Statistical Units (**New**)
- Population Distribution & Statistical Units (**New**)
- Environmental Monitoring Facilities (**New**)

Two ways to fulfill the INSPIRE Directive



Data transformation

Supported

Predefined Download Service

INSPIRE GML

INSPIRE Atom Feeds

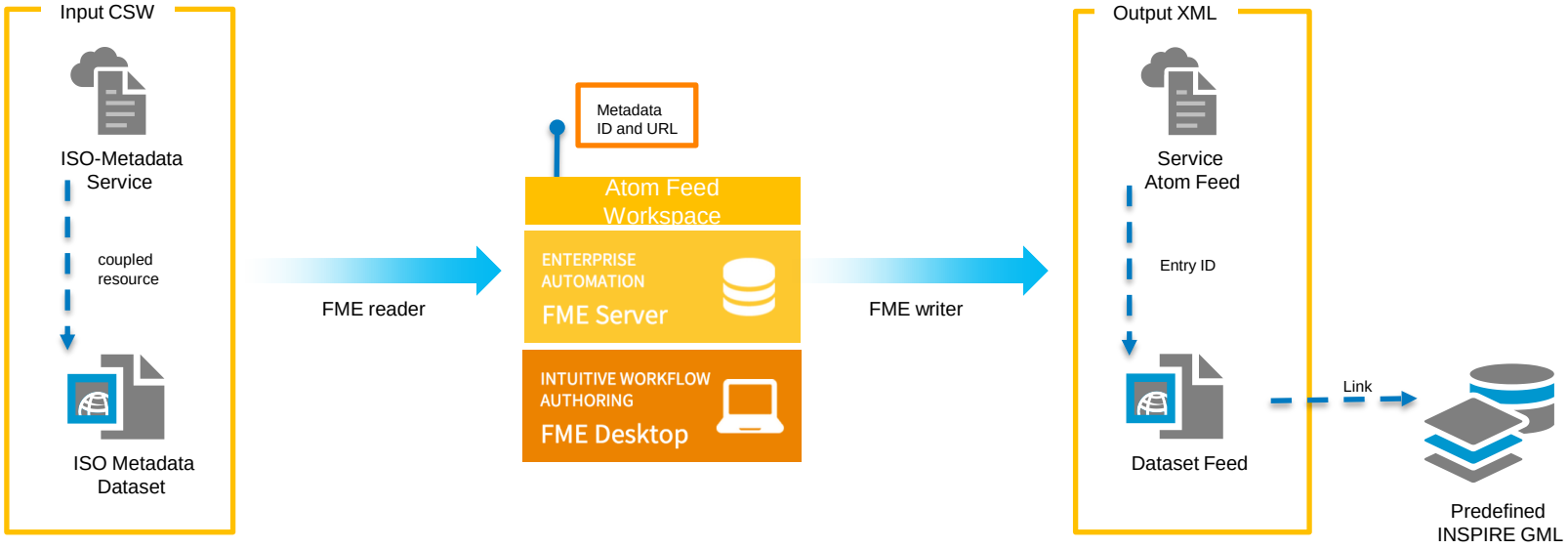
Supported

WFS Download Service

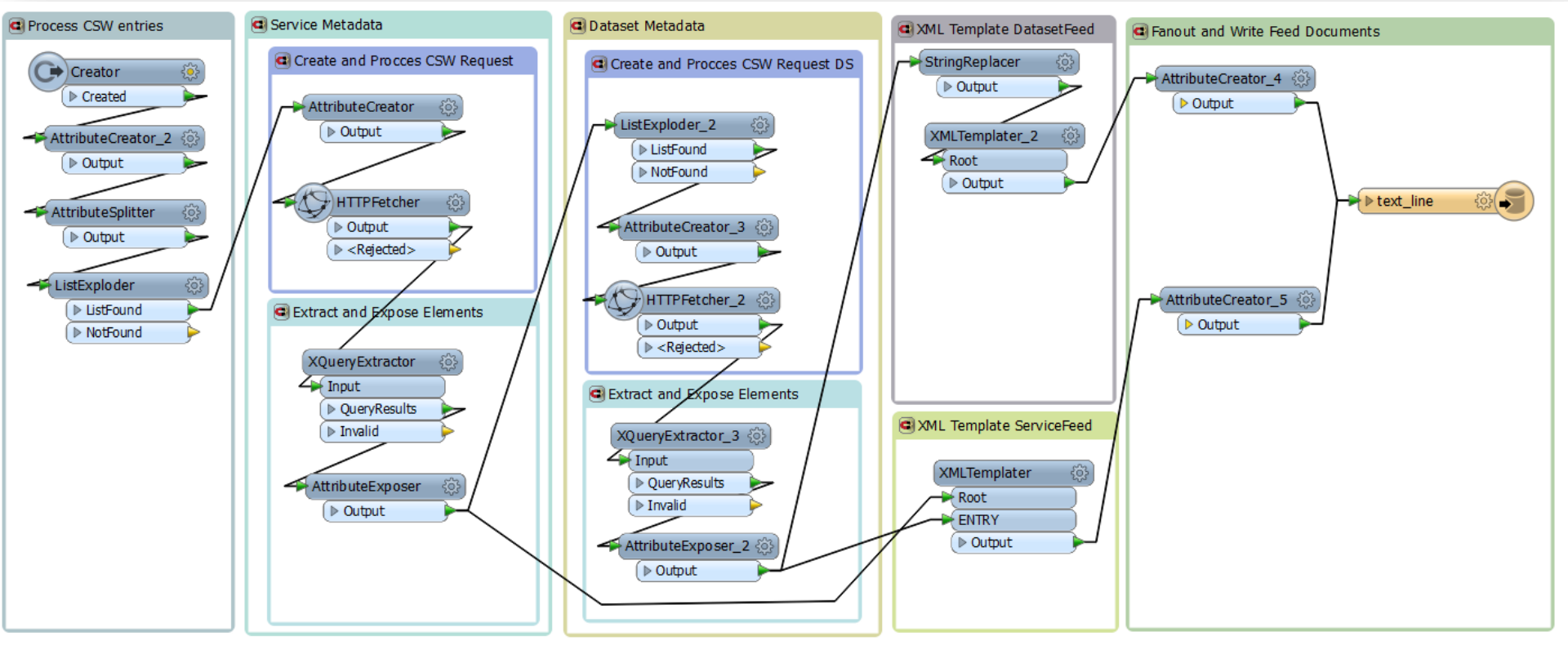
INSPIRE GDB

ArcGIS for INSPIRE

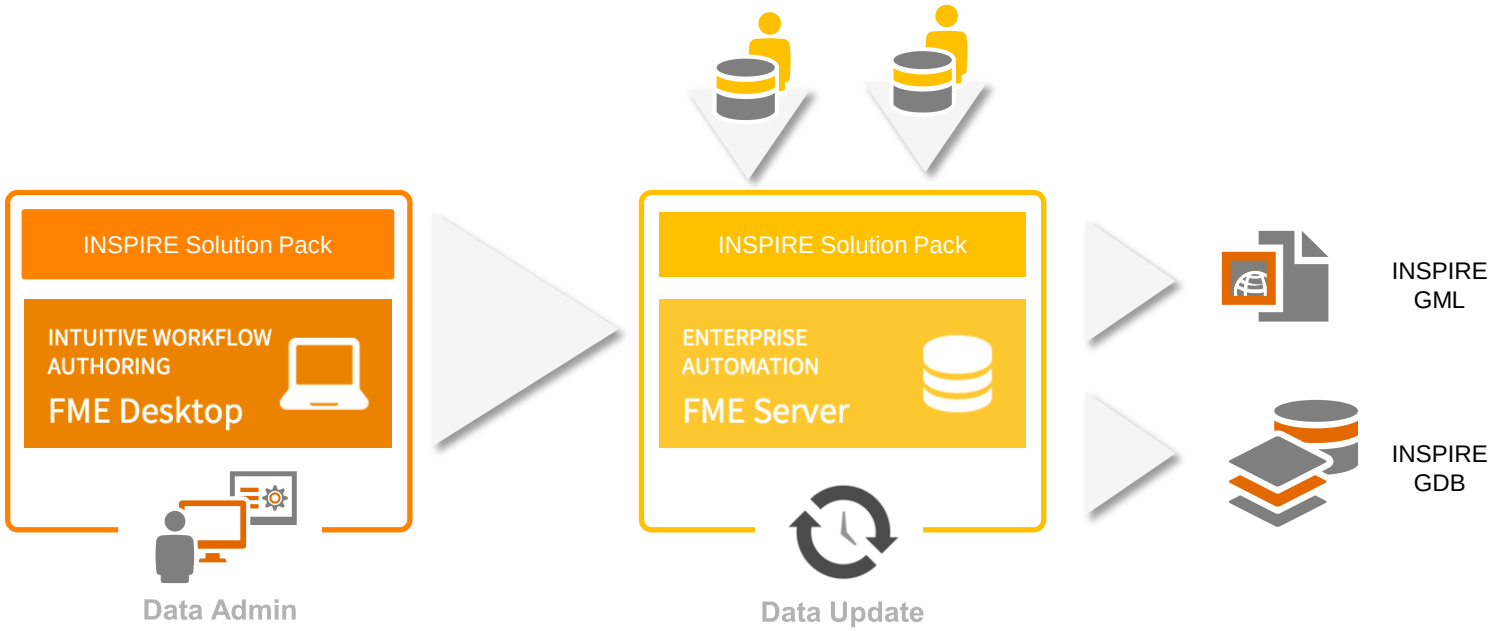
Easy Atom Feeds Creation



Transforming ISO Metadata into INSPIRE Atom Feeds



Building an INSPIRE Service Node



INSPIRE Solution Pack for FME

Key Aspects and Functions

- All INSPIRE relevant information in FME Workbench interface
- Individual configuration of INSPIRE mapping for any source data models
- Quality assurance and plausibility testing of source data
- Simplification of data migration into each INSPIRE data model

Consuming INSPIRE GML with FME

- Accessing the ATOM Feed
- Parsing the Download Link to the data
- Reading and transforming the Data

con terra Professional Service

- INSPIRE Quick Check
  > Getting started with INSPIRE (Customer specific requirements)
- INSPIRE Solution Pack Training
  > Getting started with FME and INSPIRE Solution Pack for FME
- INSPIRE Mapping Support
  > Mapping workshop with customer specific data for all Annex Topics
- INSPIRE Process Integration Support
  > Workshop with customer data and customer workflows (update automation)

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