



What's New in FME

New features since May 2025

FME Swiss Day 2026 hosted by
INSER SA

27.08.2026

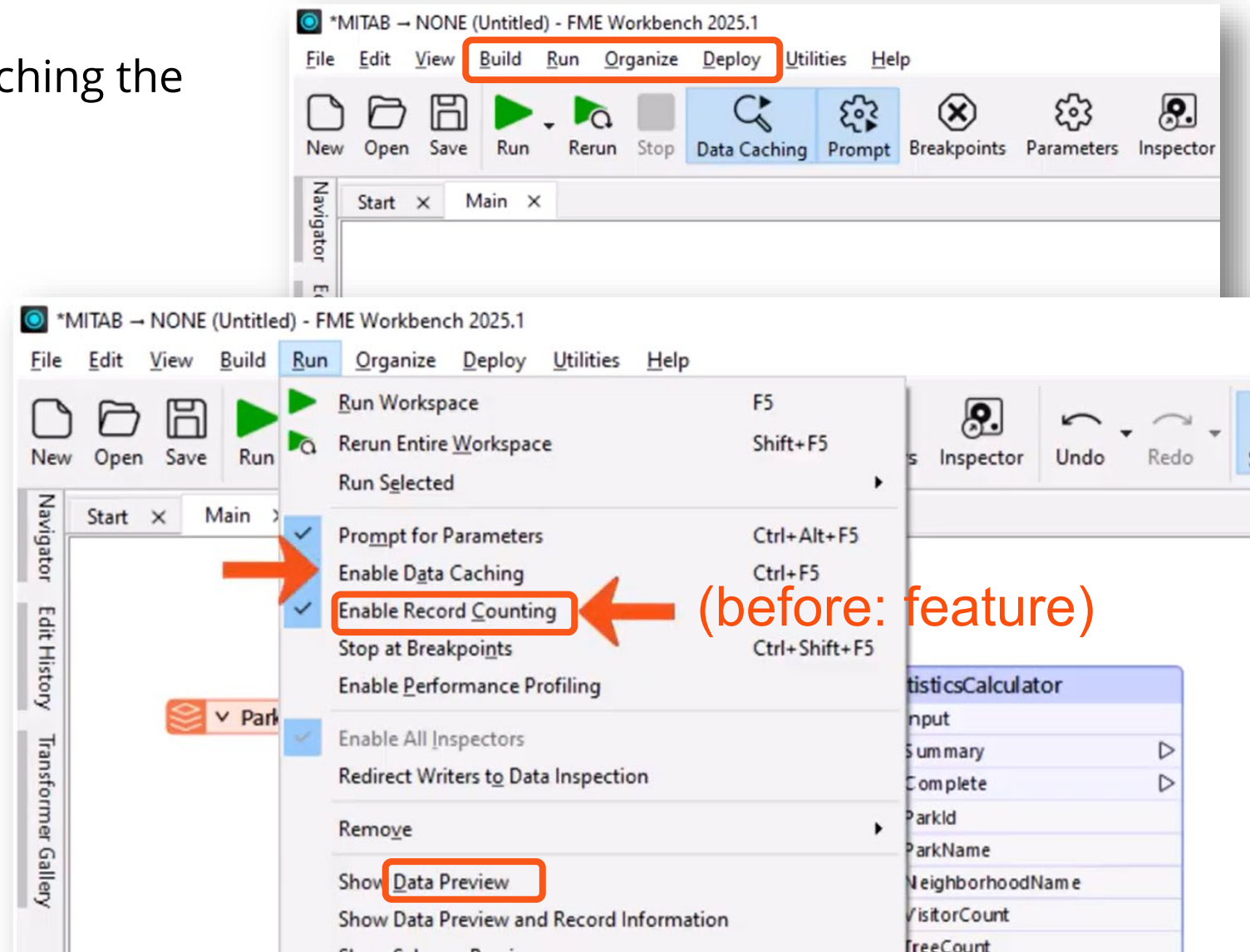
New versioning model

- New calendar-based versioning model since FME 2026.1
 - xx.1 = March
 - xx.2 = June
 - xx.3 = September
 - xx.4 = December
- The traditional “.0” release is retired
- Monthly updates (e.g. 2026.2.1) deliver bug fixes and minor enhancements
e.g. 2026.2 (major) → 2026.2.1, 2026.2.2 (updates)



Redesigned menus & terminology

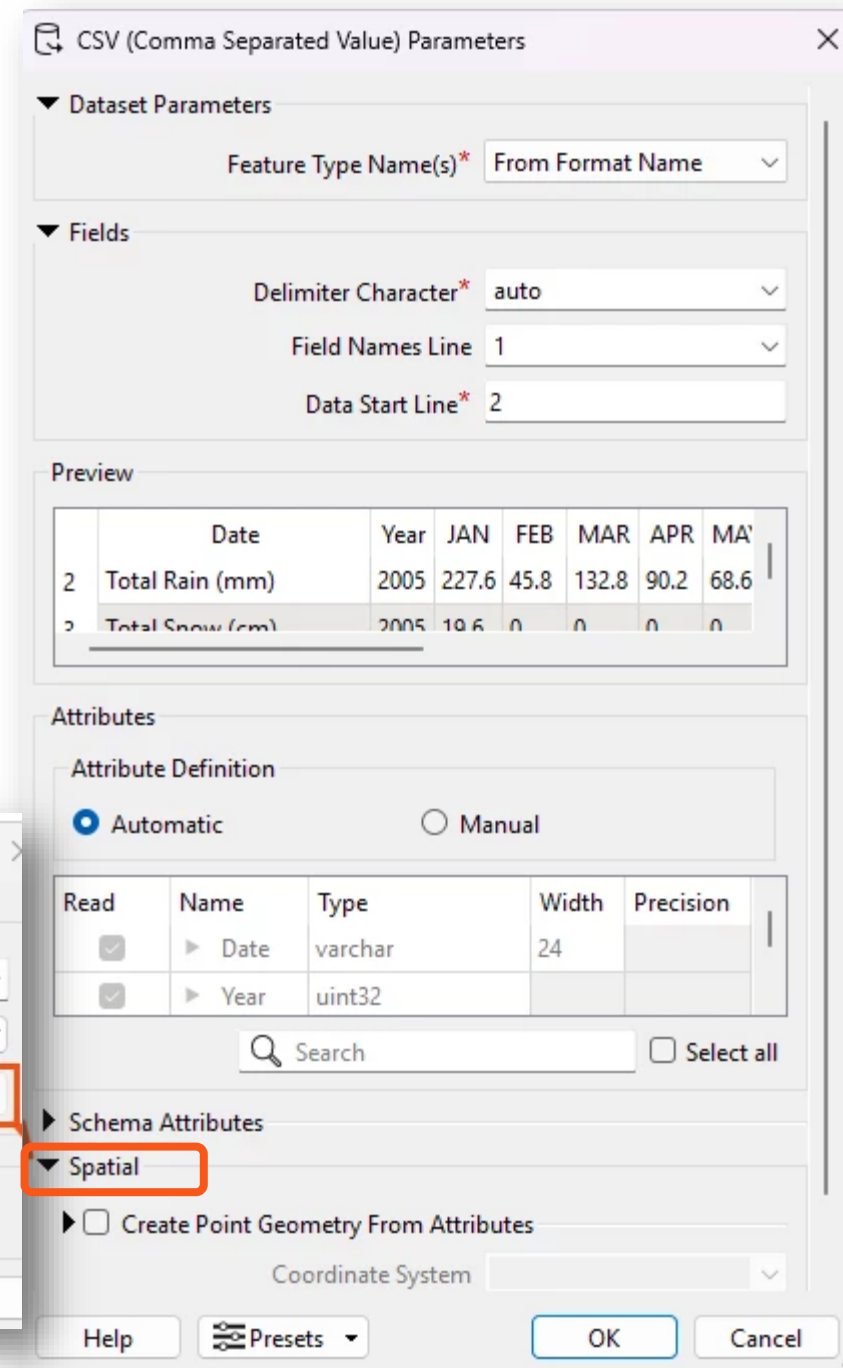
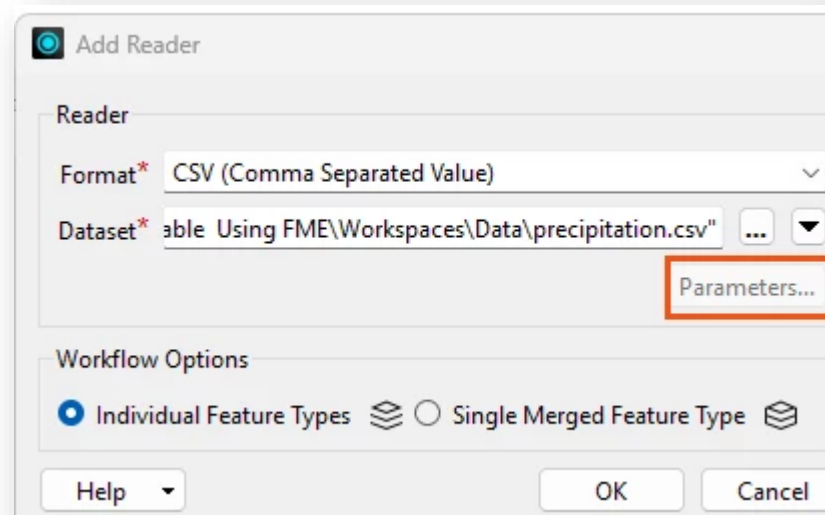
- Redesigned top-level menus matching the development workflow:
Build, Run, Organize, Deploy
- New Terminology:
 - *Features* → *Record*
 - *Visual Preview* → *Data Preview*
 - *History* → *Edit History* ...



FME Form - 2025.1, 2025.2

Redesigned transformers interface

- **Coordinate System Parameter** has been moved to the Parameters window — less confusion for non-spatial data



Redesigned transformers interface

- Row numbers in tables for easier referencing

Test Conditions

Test Clauses

	Logic	Left Value	Operator	Right Value
1*		Address	Attribute Has a Value	<Unused>
2	OR	Phone	Attribute Has a Value	<Unused>
3				

+ - ^ v ▲ ▼ | ✂ 📄 📋

Comparison Mode* Automatic

▼ Composite Expression

1 OR 2

Output Port

JSONObjectBuilder Parameters

Transformer Name* JSONObjectBuilder

General

Build Mode* Create new JSON Object

Members

	Attribute*	Type*	Key Name
1*	Name	auto	
2	Address	auto	
3	Phone	auto	
4			

+ - ^ v ▲ ▼ | ✂ 📄 📋

Write Missing Attributes as Null* No

Output

Output Attribute* _output

Help Presets OK Cancel

New User Parameters (1/2)

- Table Parameter:
Multi-row input for mappings and rule sets

The screenshot shows the 'User Parameters for Main' dialog box. On the left, there is a 'Table Name' section with a table editor. The table has two columns, 'Column A*' and 'Column B*', and one row with the value '1'. On the right, there are configuration options for the parameter.

Parameter Identifier*
TABLE_1

Label
Put description here

☒ Required ☐ Show Label

Visibility

☐ Always Show
☐ Always Hide
☒ Conditional

☒ Single Condition ☐ Compound Condition

If

Then Show As Enabled

Else Show As Disabled

The screenshot shows the 'User Parameters for Main' dialog box with the parameter type selection menu open. The 'Table' option is highlighted with a red box.

User Parameters for 'Main'

Group Box

Attributes

Choice

Color

Connection

Datetime

Encoding

File/Folder/URL

Message

Number

Password

Spatial

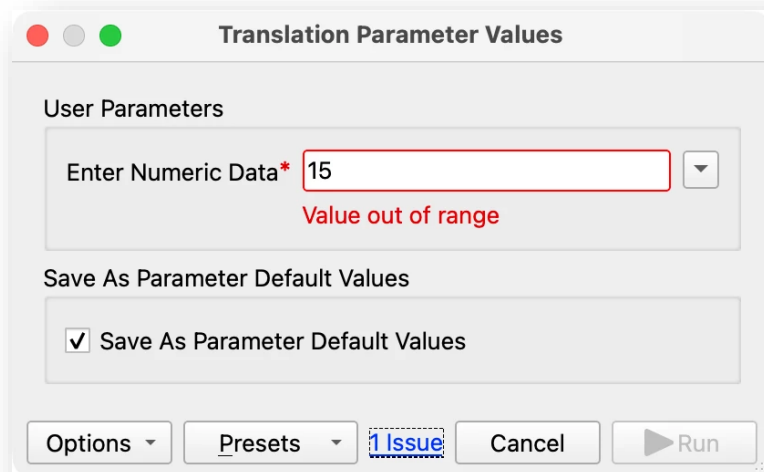
Table

Text

Advanced

New User Parameters (2/2)

- New types such as *Attributes to Expose* and *Encoding* (2025.2)
- Additional text configuration options Regex, SQL, XQuery and GQuery with full editing experiences (2026.1)
- Real-time parameter validation (2026.2)



Translation Parameter Values

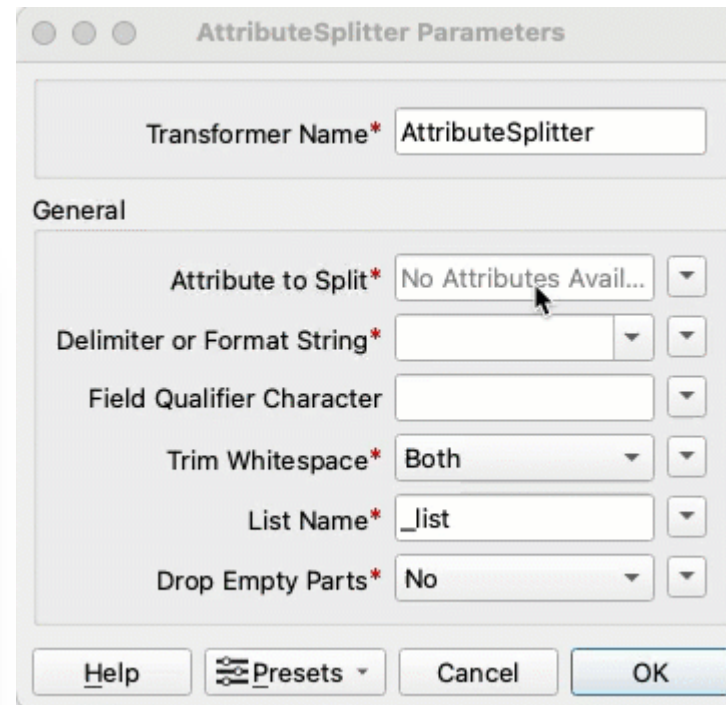
User Parameters

Enter Numeric Data* 15
Value out of range

Save As Parameter Default Values

☒ Save As Parameter Default Values

Options ▾ Presets ▾ 1 Issue Cancel Run



AttributeSplitter Parameters

Transformer Name* AttributeSplitter

General

Attribute to Split* No Attributes Avail... ▾

Delimiter or Format String* ▾ ▾

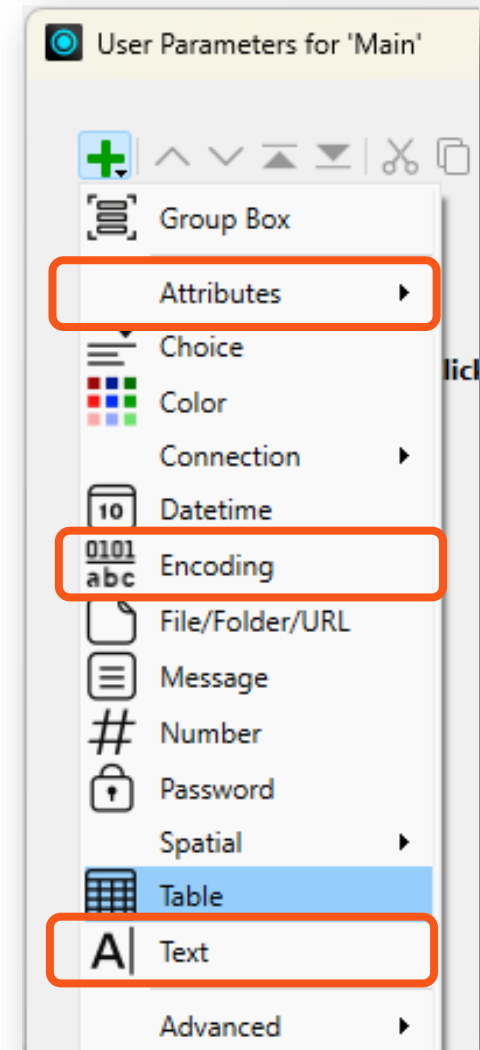
Field Qualifier Character ▾ ▾

Trim Whitespace* Both ▾ ▾

List Name* _list ▾

Drop Empty Parts* No ▾ ▾

Help Presets ▾ Cancel OK



User Parameters for 'Main'

Group Box

Attributes ▸

Choice

Color

Connection ▸

Datetime

Encoding

File/Folder/URL

Message

Number

Password

Spatial ▸

Table

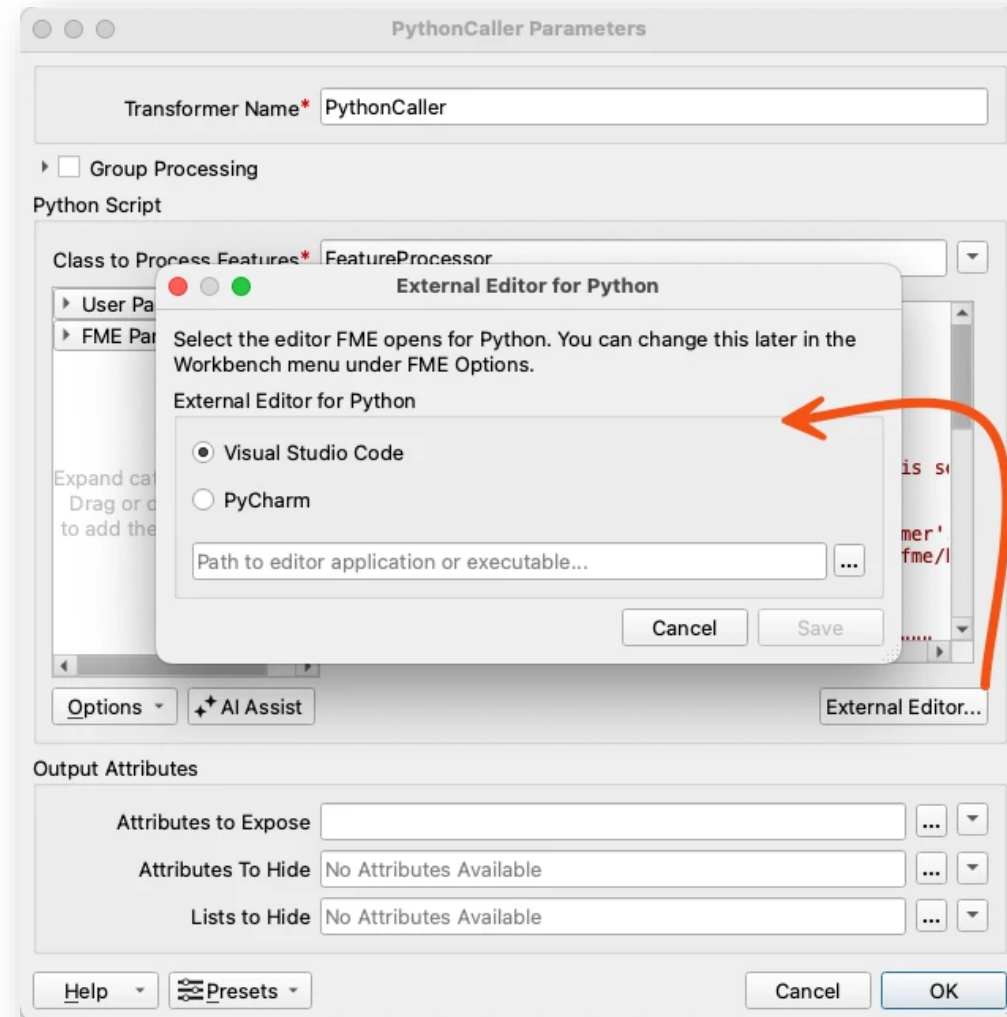
Text

Advanced ▸



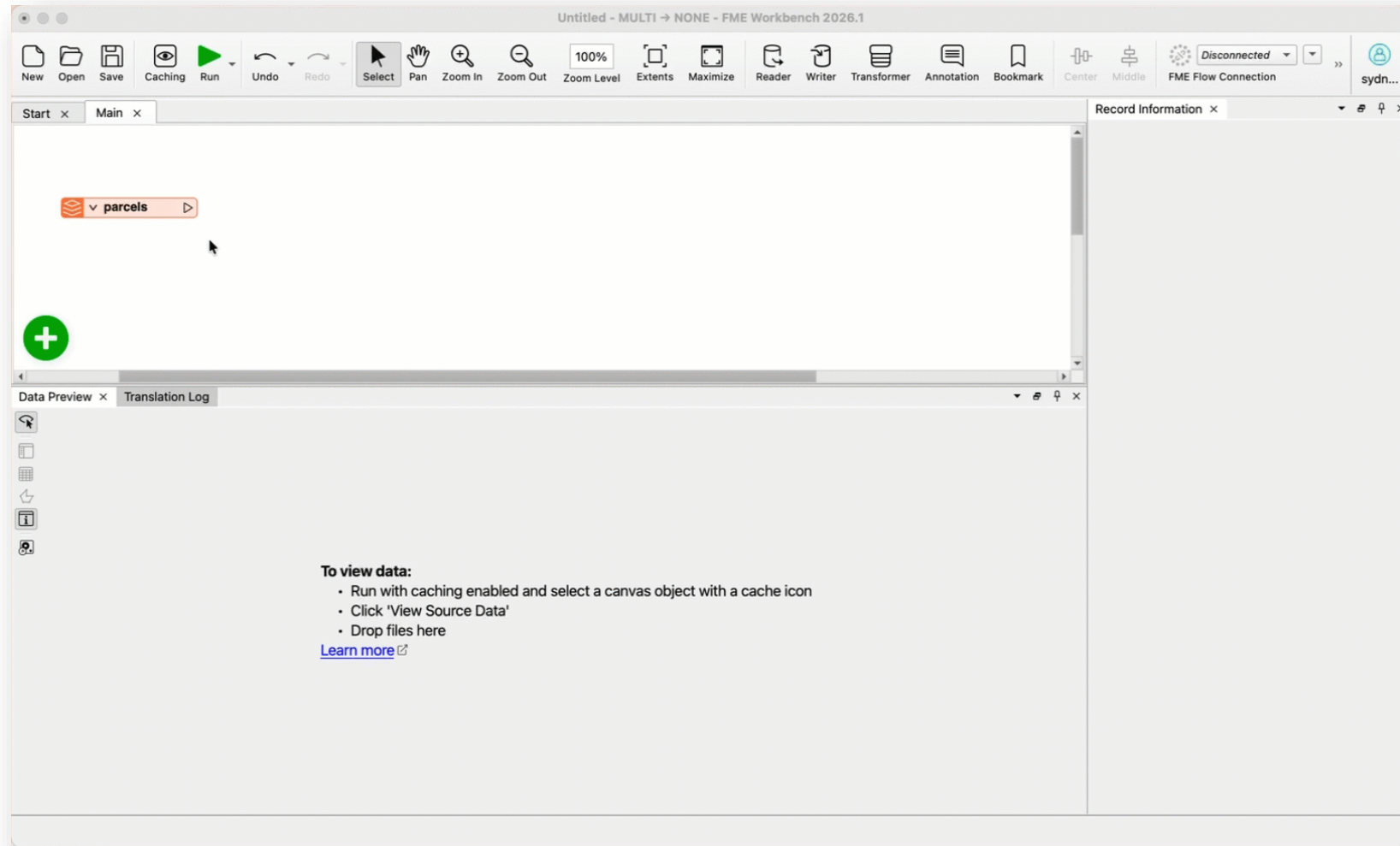
Authoring productivity

- **External Python** editor (2025.2):
Visual Studio Code / PyCharm with
auto-completion & debugging

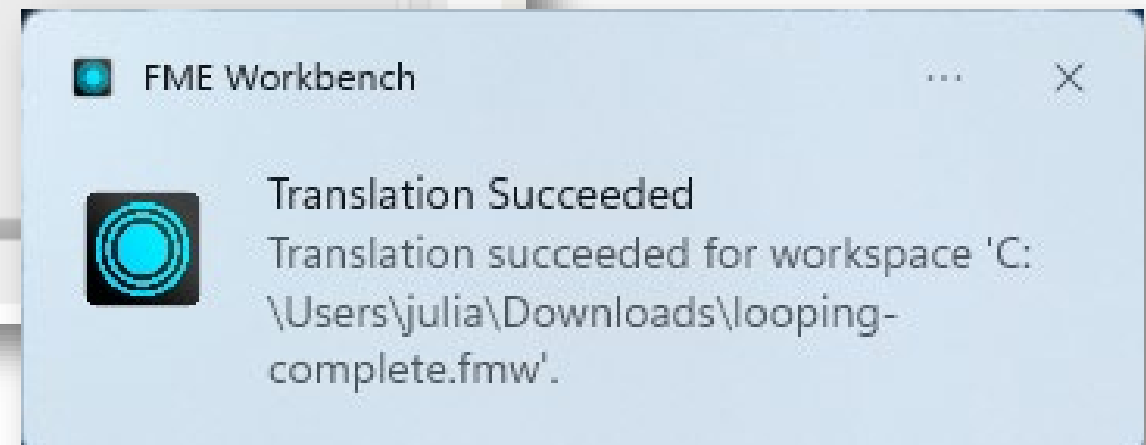
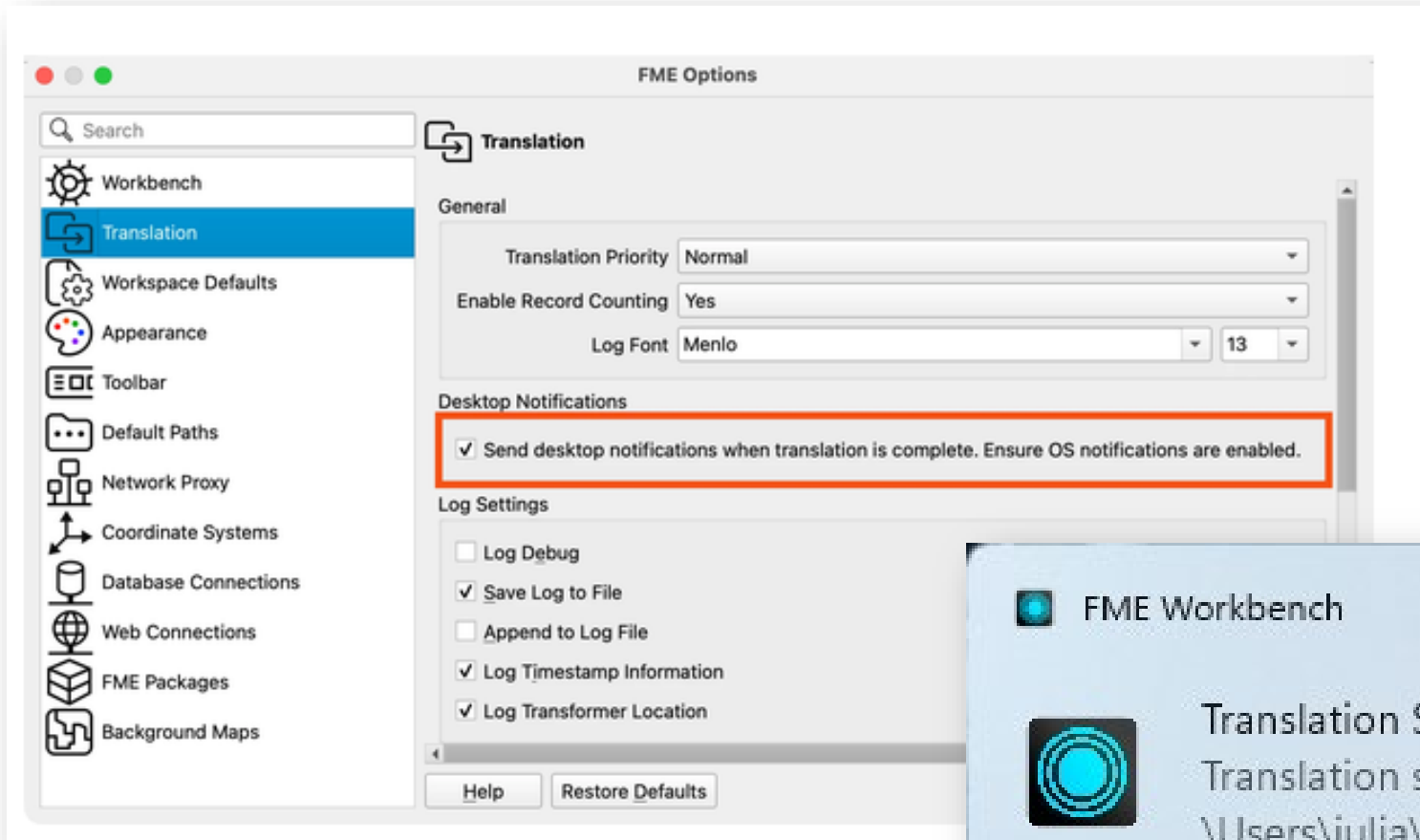


Authoring productivity

- Data caching during translations: inspect caches while running



Desktop alerts for completed translations



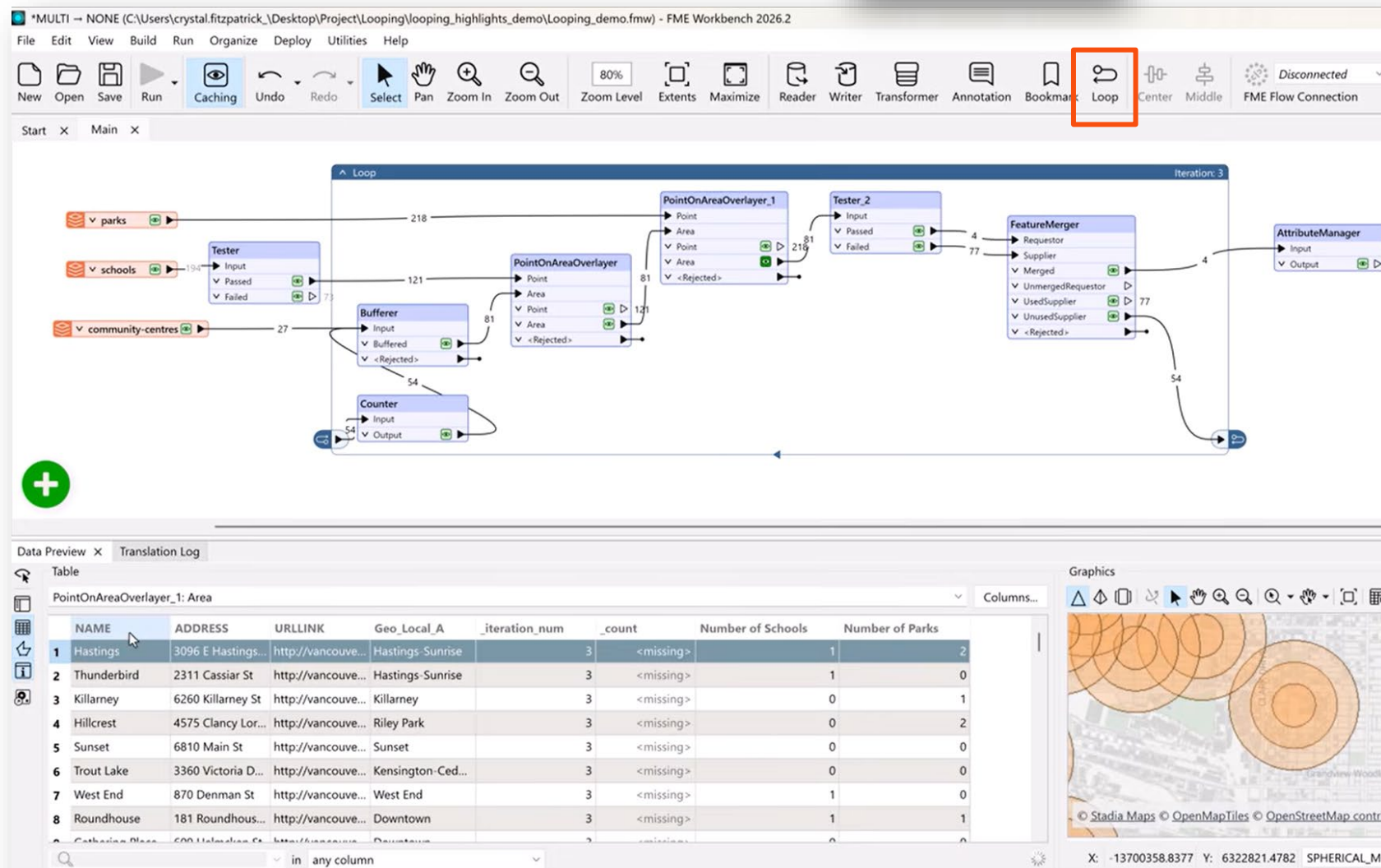
Native looping in workspaces

Iterative workflows directly in the workspace authoring experience

- No complex custom transformers needed any more

Example:

Increase the buffer distance around each community center until a community center is found that has at least 4 parks and 2 schools within its vicinity.



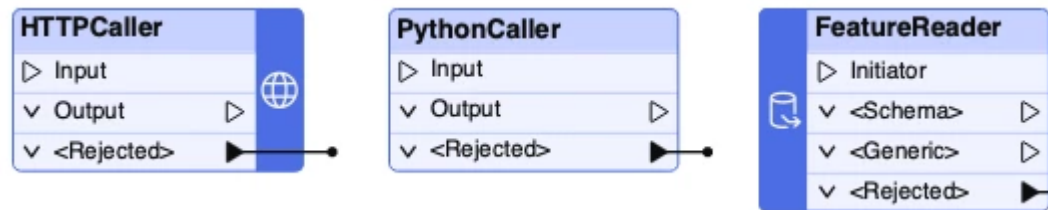
The screenshot displays the FME Workbench 2026.2 interface. The workspace is titled '*MULTI - NONE (C:\Users\crystal.fitzpatrick\Desktop\Project\Looping\looping_highlights_demo\Looping_demo.fmw)'. The toolbar shows the 'Loop' icon highlighted with a red box. The workspace contains a loop structure with the following transformers: 'parks', 'schools', 'community-centres', 'Tester', 'Bufferer', 'Counter', 'PointOnAreaOverlayer', 'PointOnAreaOverlayer_1', 'Tester_2', 'FeatureMerger', and 'AttributeManager'. The 'Loop' icon is also highlighted in the workspace. The Data Preview pane shows a table of results for 'PointOnAreaOverlayer_1: Area'.

	NAME	ADDRESS	URLINK	Geo_Local_A	_iteration_num	_count	Number of Schools	Number of Parks
1	Hastings	3096 E Hastings...	http://vancouve...	Hastings-Sunrise	3	<missing>	1	2
2	Thunderbird	2311 Cassiar St	http://vancouve...	Hastings-Sunrise	3	<missing>	1	0
3	Killarney	6260 Killarney St	http://vancouve...	Killarney	3	<missing>	0	1
4	Hillcrest	4575 Clancy Lor...	http://vancouve...	Riley Park	3	<missing>	0	2
5	Sunset	6810 Main St	http://vancouve...	Sunset	3	<missing>	0	0
6	Trout Lake	3360 Victoria D...	http://vancouve...	Kensington-Ced...	3	<missing>	0	0
7	West End	870 Denman St	http://vancouve...	West End	3	<missing>	1	0
8	Roundhouse	181 Roundhous...	http://vancouve...	Downtown	3	<missing>	1	1

The Graphics pane shows a map with several orange circles representing the buffer areas around the community centers. The status bar at the bottom indicates the coordinates: X: -13700358.8377 Y: 6322821.4782 SPHERICAL_ME.

Optional transformer input ports

- Transformers can now run without input feature
➔ no more *Creator* needed



Attributes

- [AttributeCreator](#)
- [AttributeFileReader](#)

Filters and Joins

- [NLPClassifier](#)
- [NLPTrainer](#)

Format Specific Transformers

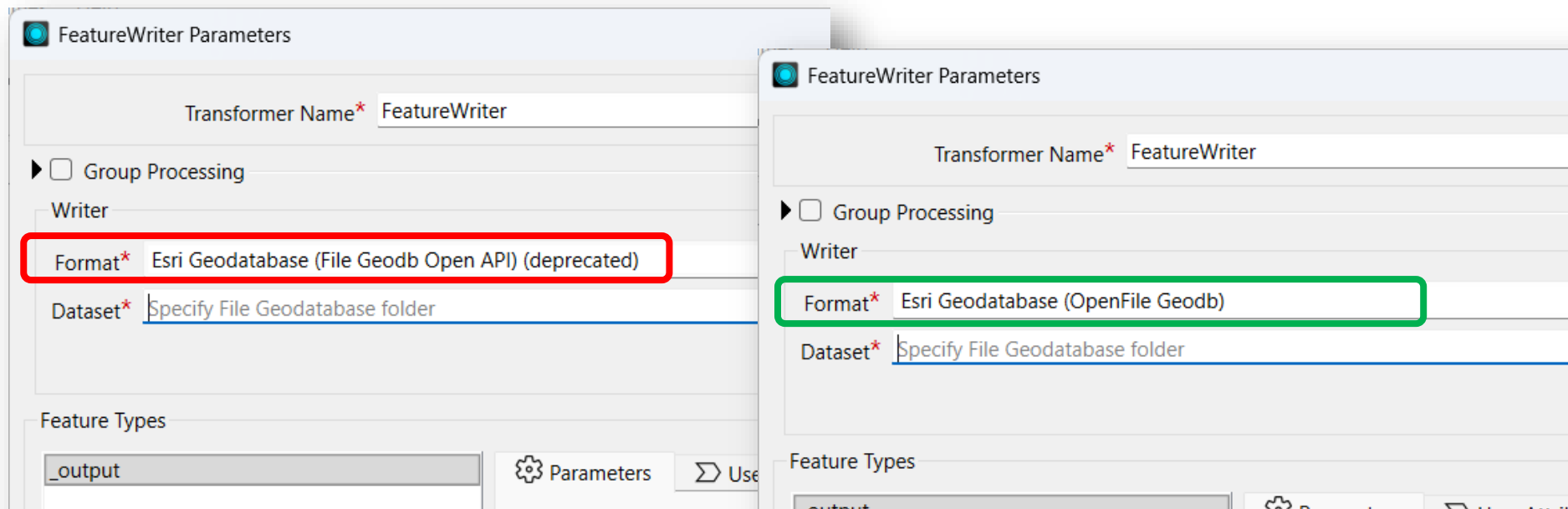
- [DocumentPDFStyler](#)
- [FeatureReader](#)
- [JSONExtractor](#)
- [JSONFlattener](#)
- [JSONFormatter](#)
- [JSONFragmenter](#)
- [JSONUpdater](#)
- [JSONValidator](#)
- [XMLAppender](#)
- [XMLFeatureMapper](#)
- [XMLFlattener](#)
- [XMLFormatter](#)
- [XMLFragmenter](#)
- [XMLNamespaceDeclarer](#)
- [XMLSampleGenerator](#)
- [XMLUpdater](#)
- [XMLValidator](#)
- [XMLXQueryExploder](#)
- [XMLXQueryExtractor](#)
- [XMLXQueryUpdater](#)
- [YAMLtoJSONConverter](#)

Integrations

- [AmazonAthenaConnector](#)
- [AutodeskDocsConnector](#)
- [AWSIoTConnector](#)
- [AzureAIVisionConnector](#)
- [AzureBlobStorageConnector](#)
- [AzureEventHubsConnector](#)
- [AzureFileStorageConnector](#)
- [AzureIoTConnector](#)
- [AzureQueueStorageConnector](#)

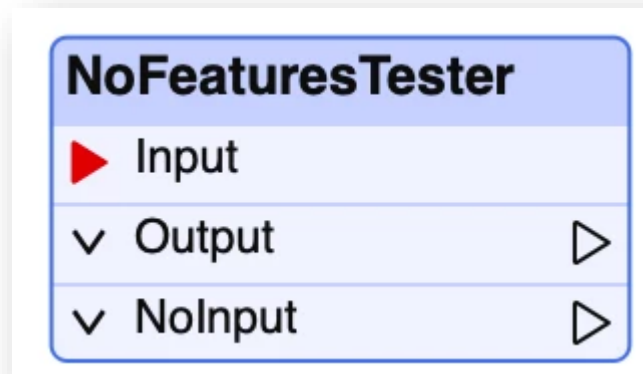
New Reader and Writer for OpenFile Geodatabase INSER

- No Esri license required
- Cross-platform compatible
- Supports newer data types (Date, Time, Larger Integer)
- Enhanced geometry handling
- Improved performance
- Compatible with existing File Geodatabase feature sets



NoFeaturesTester as Standard Transformer

- is now available even in environments where FME Hub content is restricted
- detects whether input features are present in a data stream and routes data accordingly



New Reader – Archived Directory and File Pathnames



- enables inspection of archive contents **without extracting** them to simplify discovery and routing of files

The screenshot shows the FME Hub interface for the 'Archived Directory and File Pathnames' reader. The search bar at the top contains the text 'Archived Directory and File Pathnames'. Below the search bar, there are tabs for 'Transformer', 'Source' (with a count of 1), and 'Destination'. To the right of these tabs are buttons for 'Official' (with a count of 1), 'Verified', and 'Community'. The main content area is divided into two sections. The left section is a header for the reader, 'Archived Directory a...e Pathnames [Reader]'. The right section is titled 'Archived Directory and File Pathnames [Reader]' and contains the following information:

- Official Publisher** - [Safe Software \(safe\)](#)
- Category**: Workflows
- Rank**: 430+
- Short Name**: ZIP
- Type**: File
- File Extensions**: *.7z, *.7zip, *.bz2, *.gz, *.rar, *.tar, *.tar.bz2, *.tar.gz, *.tgz, *.zip, *
- Link**: [Help](#)

Description

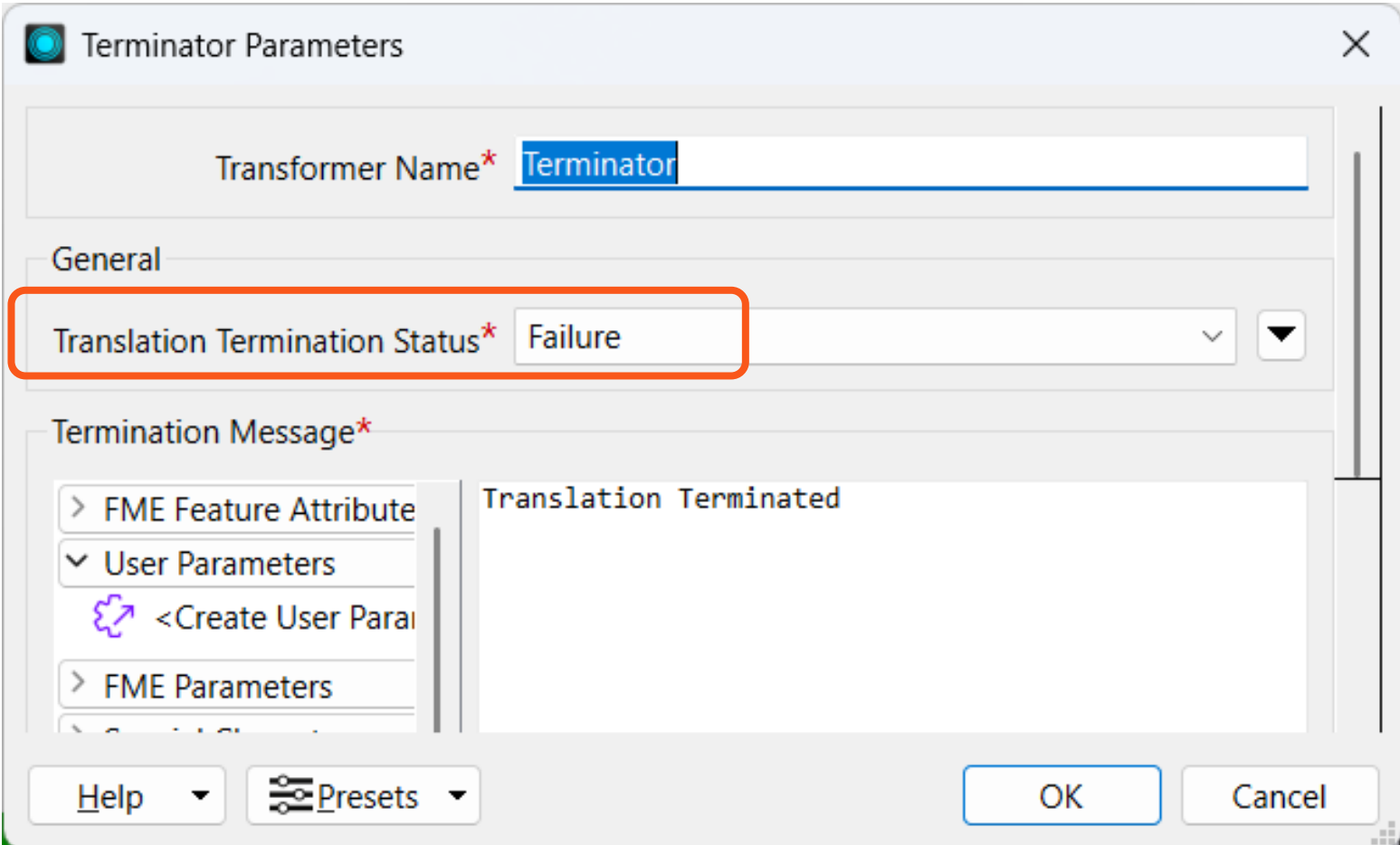
Supported Extensions:

- 7-Zip Files (*.7z, *.7zip)
- Bzip2 Files (*.bz2)
- Gzip Files (*.gz)
- RAR Files (*.rar)
- Tar Files (*.tar)
- Tar Bzip2 Files (*.tar.bz2)
- Tar Gzip Files (*.tar.gz, *.tgz)
- ZIP Files (*.zip)



Terminator – Status as Success or Failure

- lets users report a stop as either a Failure (default) or a Success



The image shows the 'Terminator Parameters' dialog box in FME. The 'Transformer Name' field is set to 'Terminator'. The 'Translation Termination Status' dropdown is set to 'Failure' and is highlighted with a red rectangle. The 'Termination Message' field contains the text 'Translation Terminated'. The dialog box has a 'Help' button, a 'Presets' button, and 'OK' and 'Cancel' buttons at the bottom.

Terminator Parameters

Transformer Name* Terminator

General

Translation Termination Status* Failure

Termination Message*

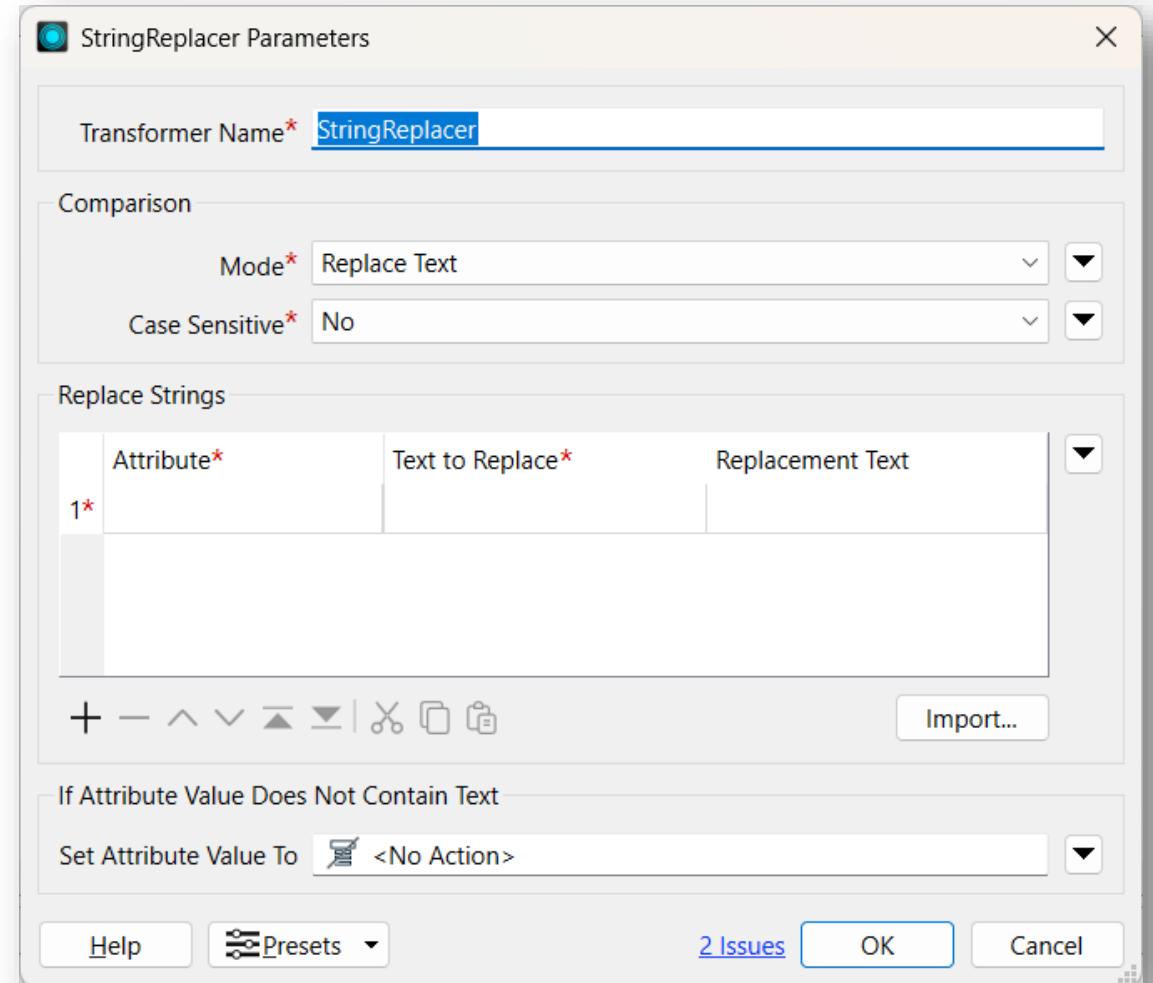
> FME Feature Attribute
▼ User Parameters
⚙ <Create User Parameter
> FME Parameters

Translation Terminated

Help Presets OK Cancel

StringReplacer with Multiple Replacements

- allows multiple replacement types in a single transformer using a new table-based interface



The screenshot shows the 'StringReplacer Parameters' dialog box. It has a title bar with a close button. The 'Transformer Name*' field contains 'StringReplacer'. The 'Comparison' section has 'Mode*' set to 'Replace Text' and 'Case Sensitive*' set to 'No'. The 'Replace Strings' section contains a table with three columns: 'Attribute*', 'Text to Replace*', and 'Replacement Text'. The first row is numbered '1*'. Below the table are icons for adding, removing, and sorting rows, and an 'Import...' button. The 'If Attribute Value Does Not Contain Text' section has 'Set Attribute Value To' set to '<No Action>'. At the bottom are 'Help', 'Presets', '2 Issues', 'OK', and 'Cancel' buttons.

StringReplacer Parameters

Transformer Name* StringReplacer

Comparison

Mode* Replace Text

Case Sensitive* No

Replace Strings

	Attribute*	Text to Replace*	Replacement Text
1*			

+ - ^ v ▲ ▼ | ✂ 📄 📋

Import...

If Attribute Value Does Not Contain Text

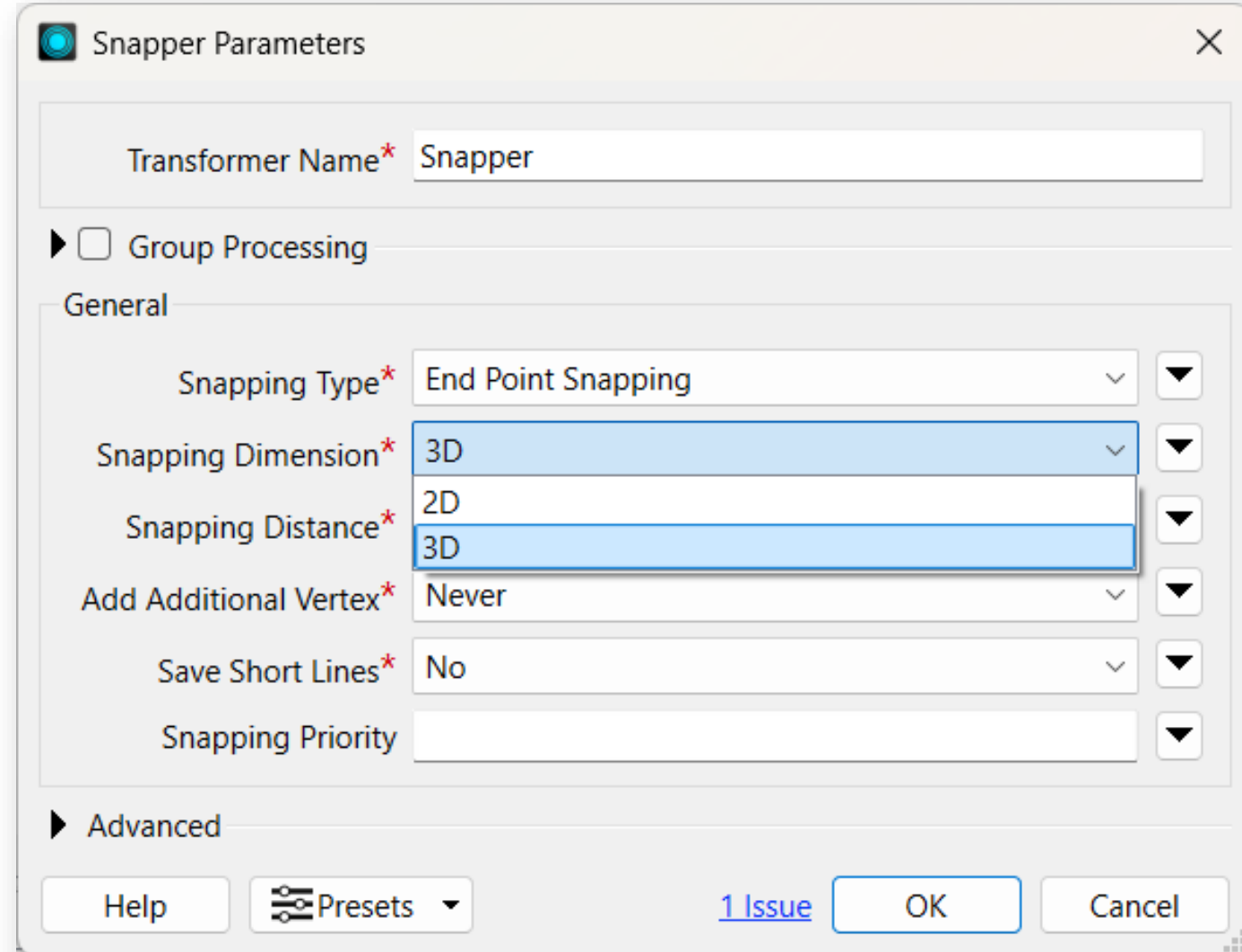
Set Attribute Value To 🗑 <No Action>

Help Presets 2 Issues OK Cancel



Snapper and AnchoredSnapper in 3D

- 3D snapping for End Point and Vertex snapping types.



The image shows the 'Snapper Parameters' dialog box in FME. The 'Transformer Name' is set to 'Snapper'. The 'Group Processing' checkbox is unchecked. The 'General' tab is selected, showing the following settings: 'Snapping Type' is 'End Point Snapping', 'Snapping Dimension' is '3D', 'Snapping Distance' is '3D', 'Add Additional Vertex' is 'Never', 'Save Short Lines' is 'No', and 'Snapping Priority' is empty. The 'Advanced' tab is also visible at the bottom. The bottom of the dialog has a 'Help' button, a 'Presets' dropdown, a '1 Issue' link, and 'OK' and 'Cancel' buttons.

Snapper Parameters

Transformer Name* Snapper

☐ Group Processing

General

Snapping Type* End Point Snapping

Snapping Dimension* 3D

Snapping Distance* 3D

Add Additional Vertex* Never

Save Short Lines* No

Snapping Priority

Advanced

Help Presets 1 Issue OK Cancel

GeometryValidator with Format-Specific Validation



- preconfigured **validation presets** to help catch and fix geometry issues specific to each format.
- The 2D self-intersection check is also more robust, with new configuration options for handling boundary styles.

A screenshot of the "GeometryValidator Parameters" dialog box. The "Transformer Name" field is set to "GeometryValidator". Under the "Validation" section, the "Set of Issues to Detect" dropdown menu is open, showing a list of presets: "Custom", "All", "Basic Integrity", "Surfaces And Solids", "Esri Geodatabase" (which is highlighted with a blue selection bar), "Microsoft SQL Server", "OGC SFA", "Oracle", and "Snowflake". The "Issue To Detect" table below is empty, with a "1*" label in the first column. At the bottom, the "Output" section shows "Detected Issue List Name" set to "_issues", "Attempt Repair" set to "Yes", and "Summary mode" set to "Detailed".

GeometryValidator Parameters

Transformer Name* GeometryValidator

Validation

Set of Issues to Detect* Custom

Issue To Detect*
1*

Custom
All
Basic Integrity
Surfaces And Solids
Esri Geodatabase
Microsoft SQL Server
OGC SFA
Oracle
Snowflake

Output

Detected Issue List Name _issues

Attempt Repair* Yes

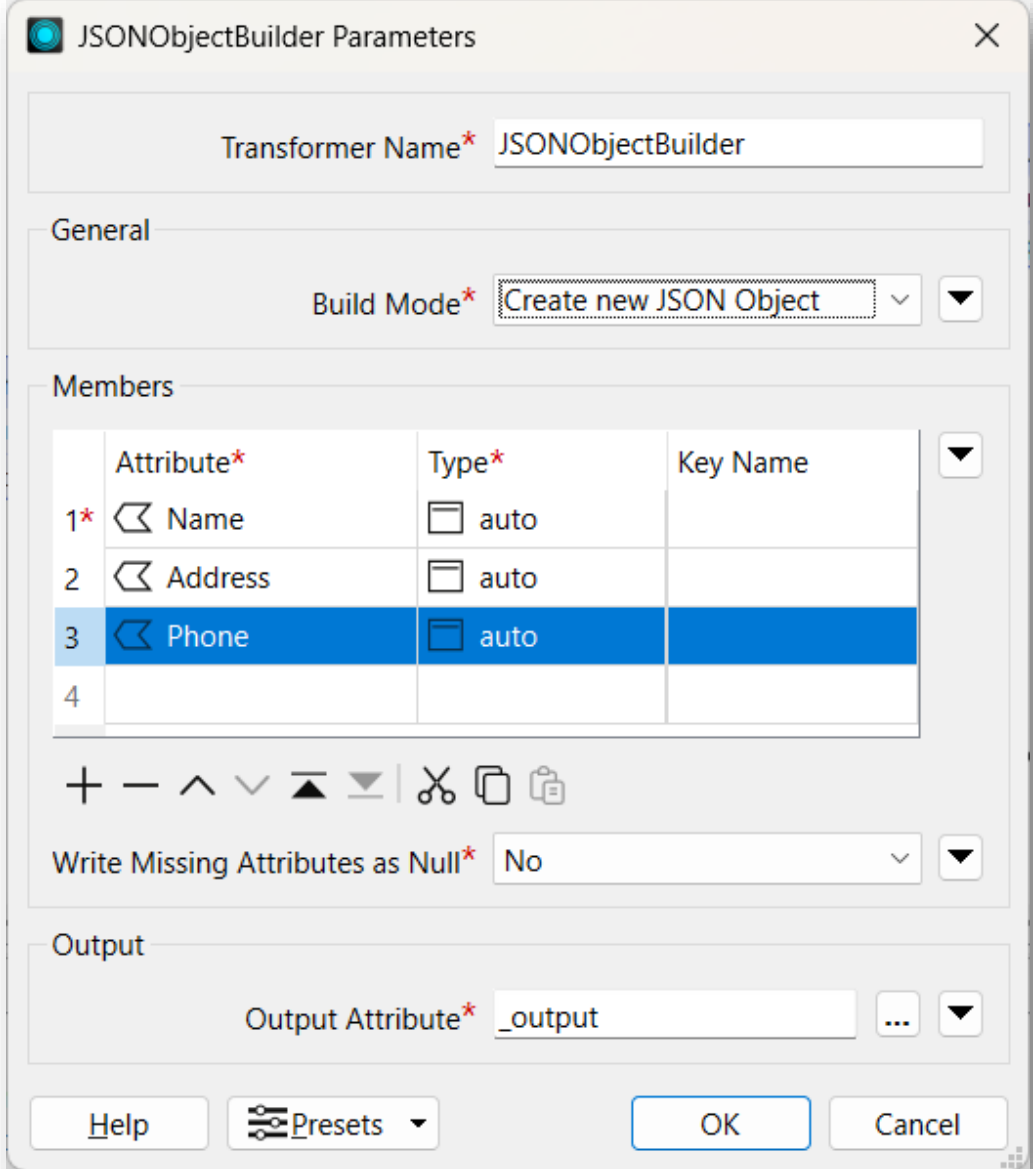
Summary mode* Detailed

New JSONObjectBuilder & JSONAppender

JSONObjectBuilder generates JSON objects directly from FME features.

JSONAppender assembles JSON objects into complete JSON documents.

==> Together, they generate complex JSON structures without relying on JSON templates or text processing.



The dialog box is titled "JSONObjectBuilder Parameters" and contains the following sections:

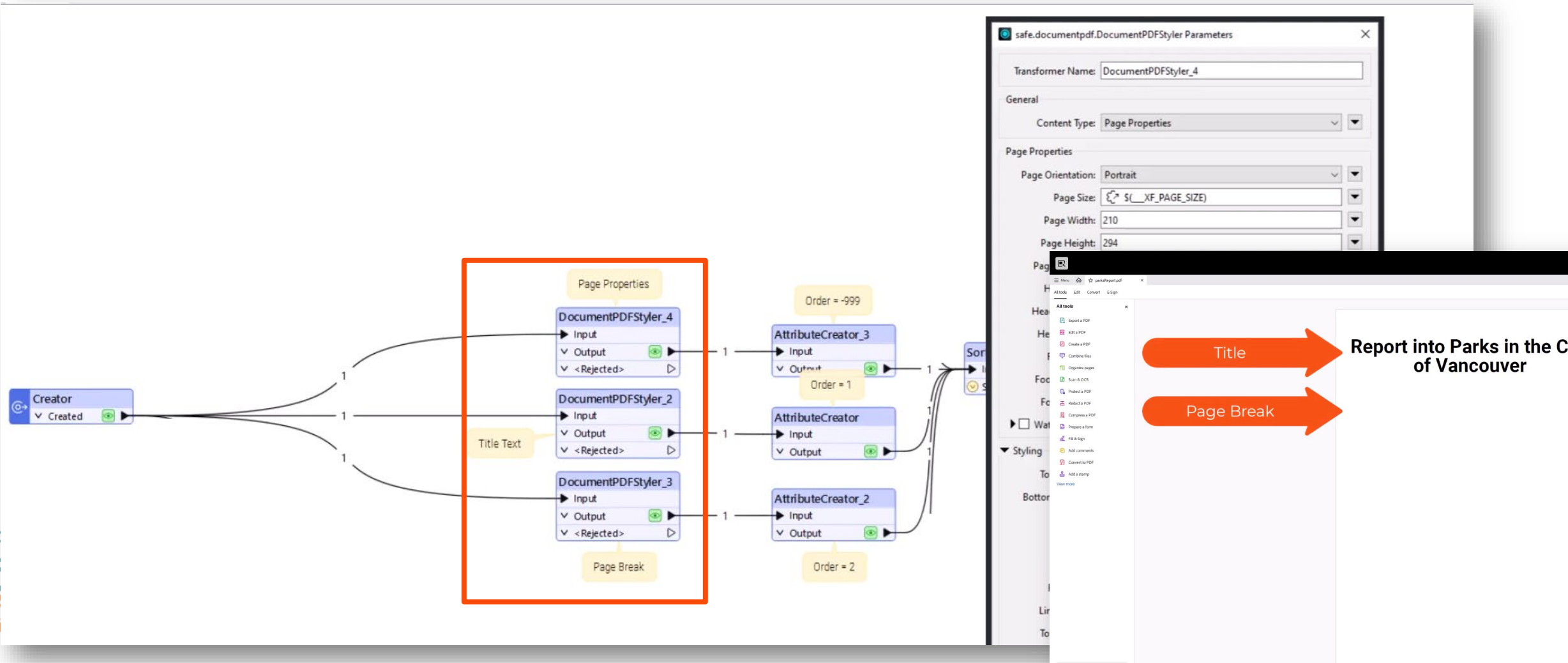
- Transformer Name***: JSONObjectBuilder
- General**: Build Mode* is set to "Create new JSON Object".
- Members**: A table with 4 rows and 3 columns: Attribute*, Type*, and Key Name.

	Attribute*	Type*	Key Name
1*	Name	auto	
2	Address	auto	
3	Phone	auto	
4			
- Write Missing Attributes as Null***: No
- Output**: Output Attribute* is set to "_output".

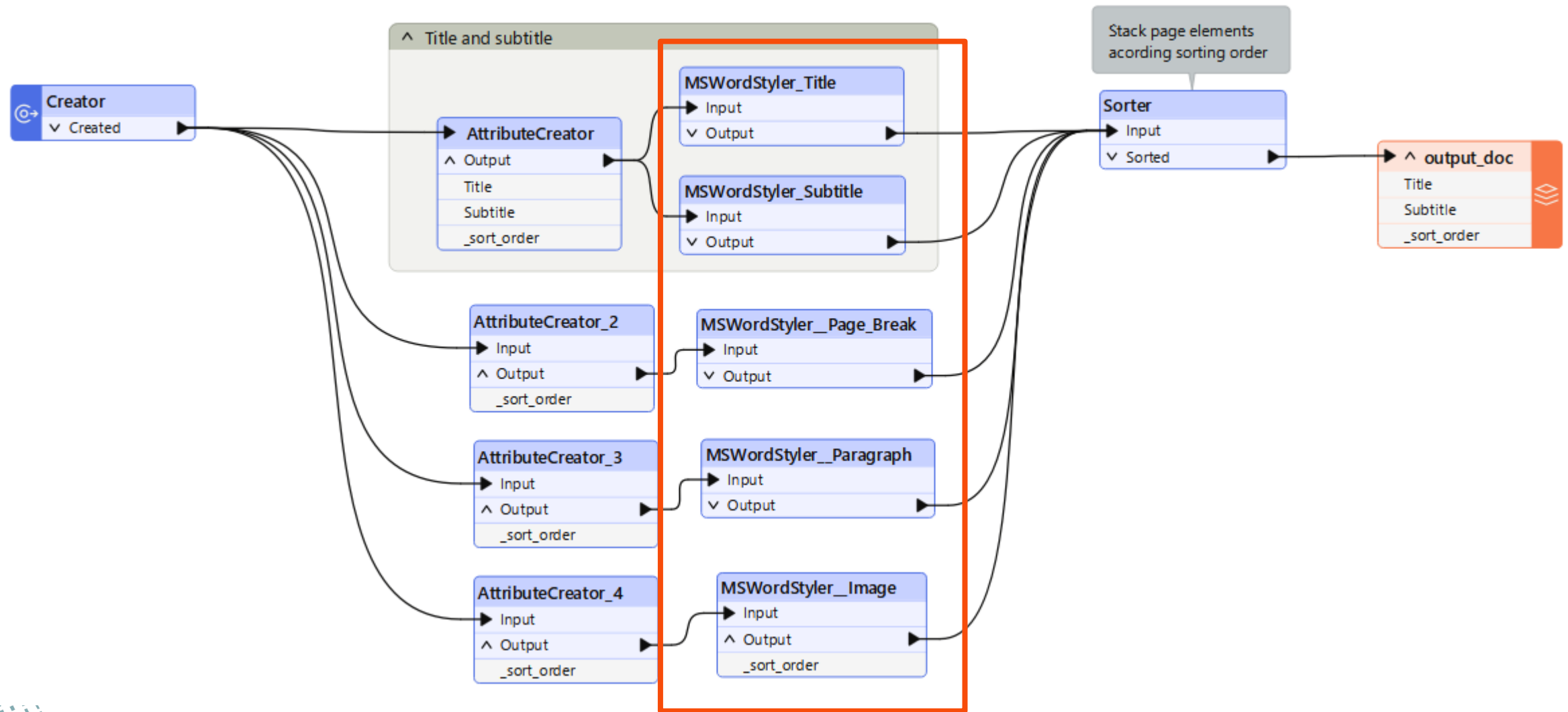
At the bottom, there are buttons for Help, Presets, OK, and Cancel.

Documents & Reports

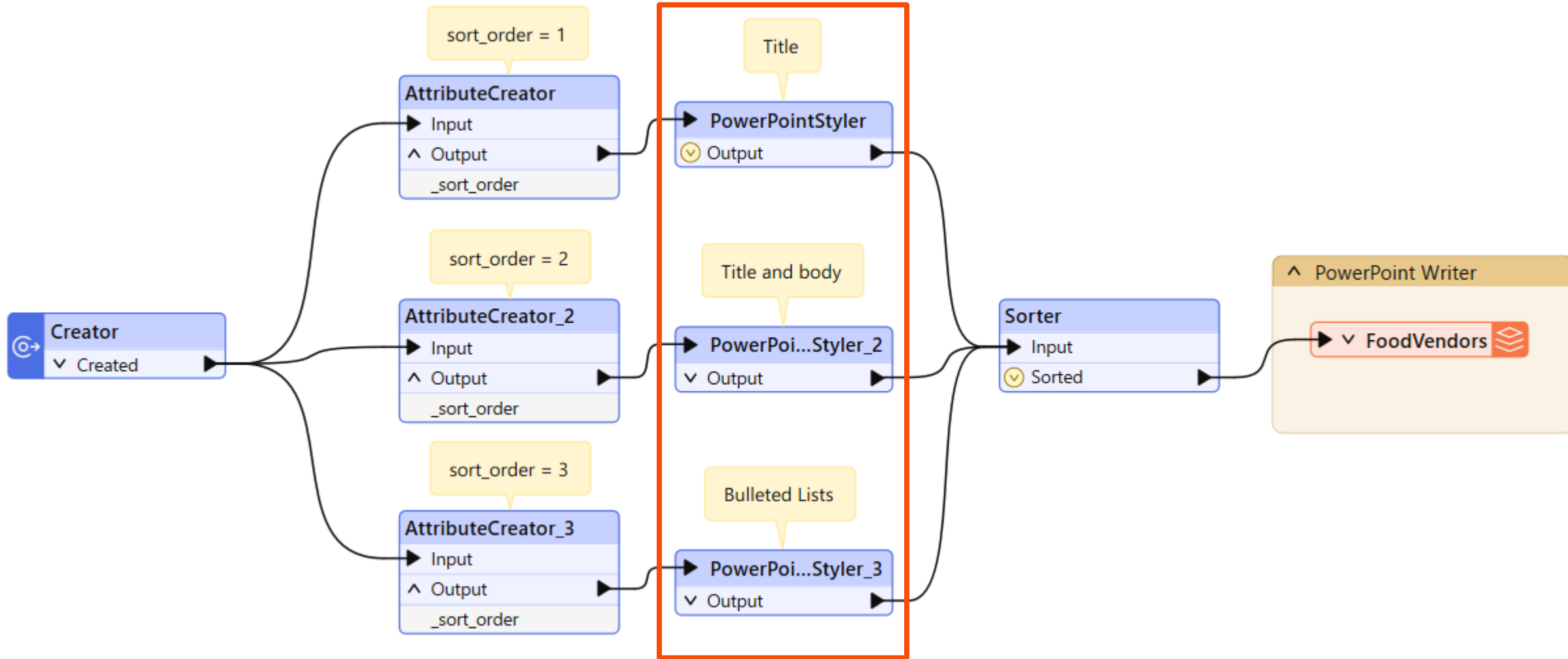
PDF, Excel and OpenDocument Text (.odt) straight from FME



Documents & reporting for MS Word



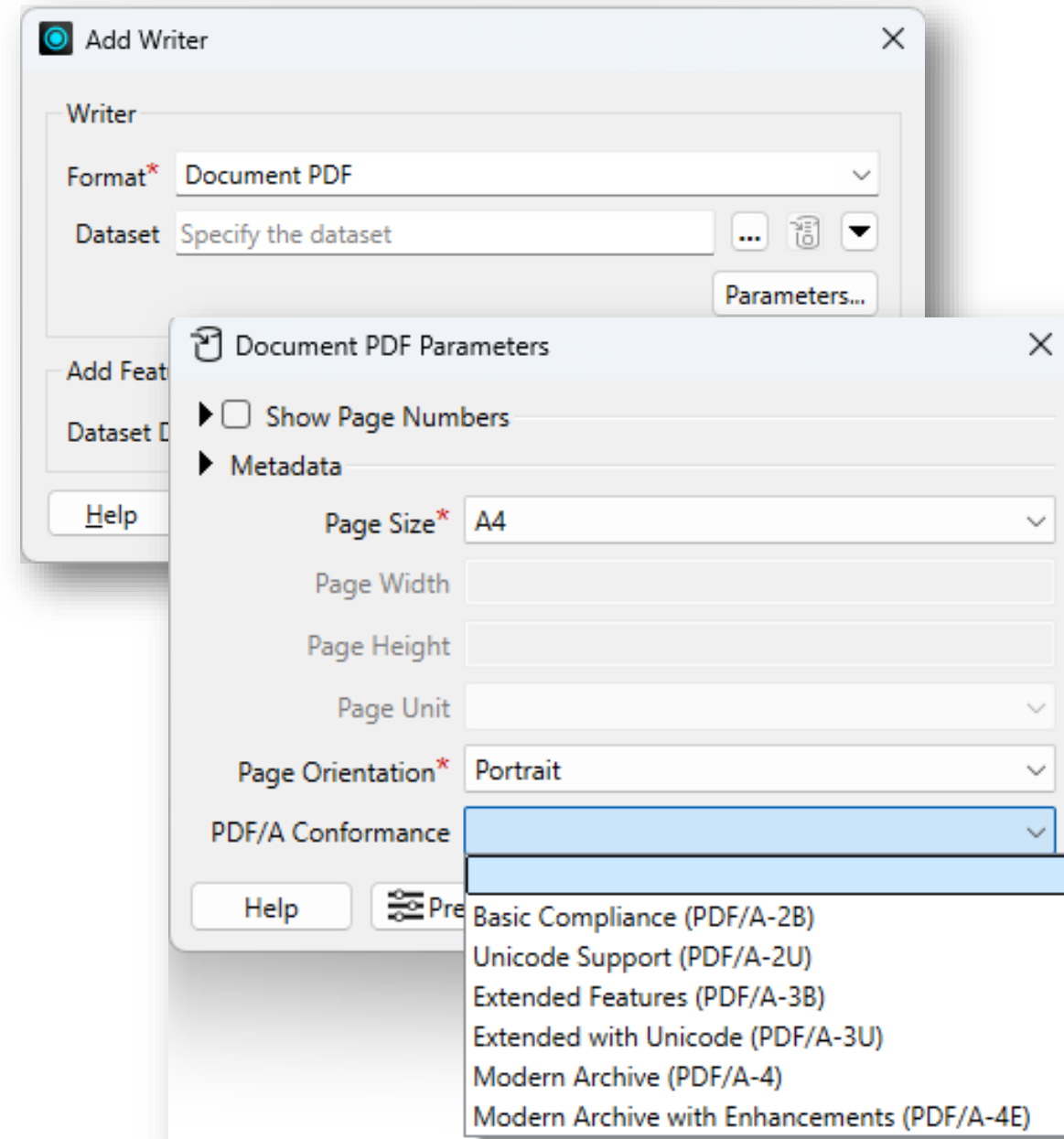
Documents & reporting for MS PowerPoint



Documents & reporting

PDF Writer:

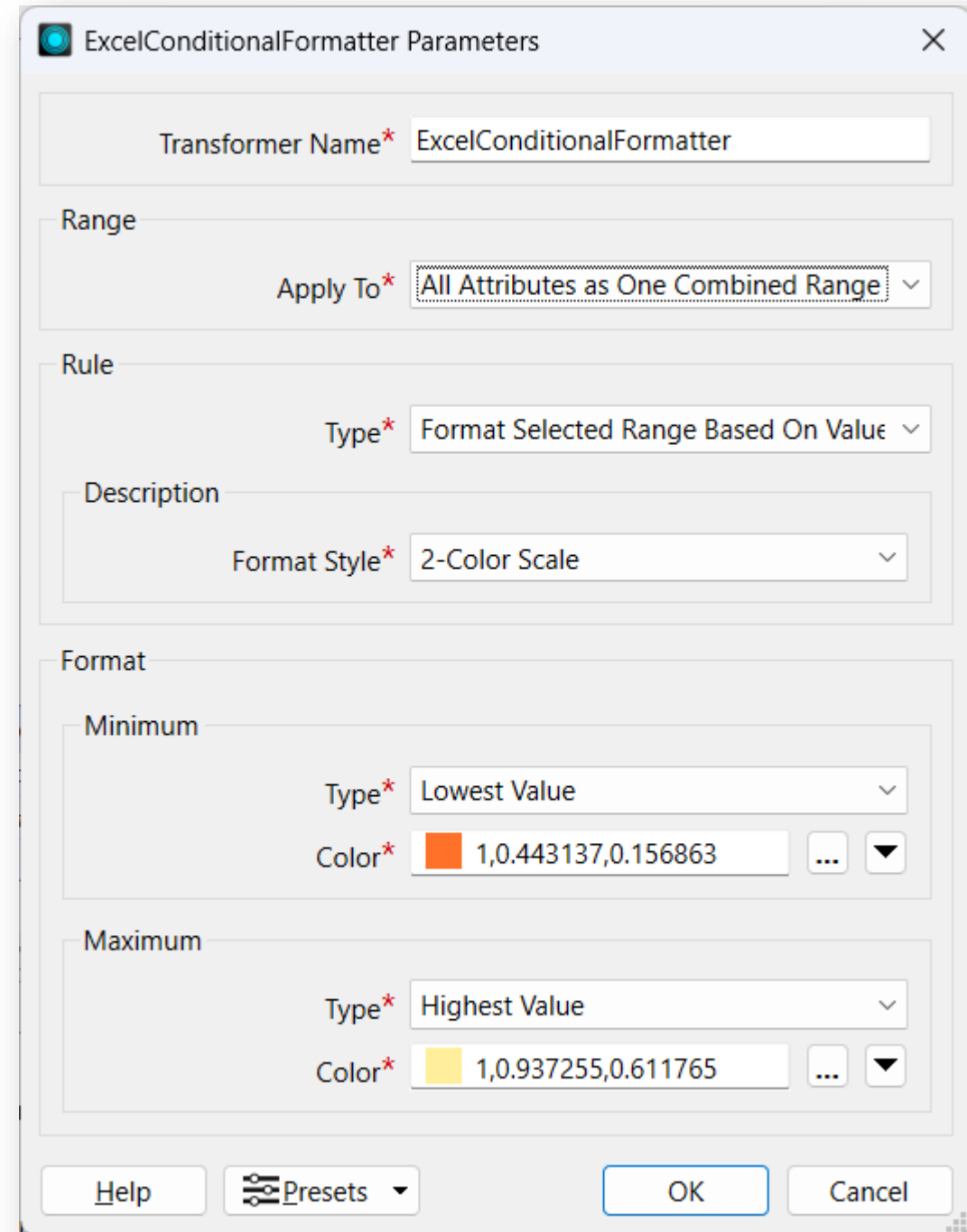
- PDF/A-compliant output (for long-term archiving) directly within FME workflows → no post-process in external tools



ExcelConditionalFormatter

dynamic conditional formatting to Excel output.

- creation of customizable rules
- supports complex styling across multiple attributes



The image shows the 'ExcelConditionalFormatter Parameters' dialog box. It has a title bar with a close button. The dialog is divided into several sections: 'Transformer Name' with a text field containing 'ExcelConditionalFormatter'; 'Range' with an 'Apply To' dropdown set to 'All Attributes as One Combined Range'; 'Rule' with a 'Type' dropdown set to 'Format Selected Range Based On Value' and a 'Description' section containing a 'Format Style' dropdown set to '2-Color Scale'; and 'Format' which contains two sub-sections: 'Minimum' and 'Maximum'. The 'Minimum' section has a 'Type' dropdown set to 'Lowest Value' and a 'Color' field showing an orange color swatch and the text '1,0.443137,0.156863'. The 'Maximum' section has a 'Type' dropdown set to 'Highest Value' and a 'Color' field showing a yellow color swatch and the text '1,0.937255,0.611765'. At the bottom, there are buttons for 'Help', 'Presets' (with a dropdown arrow), 'OK', and 'Cancel'.

ExcelConditionalFormatter Parameters

Transformer Name* ExcelConditionalFormatter

Range

Apply To* All Attributes as One Combined Range

Rule

Type* Format Selected Range Based On Value

Description

Format Style* 2-Color Scale

Format

Minimum

Type* Lowest Value

Color* 1,0.443137,0.156863

Maximum

Type* Highest Value

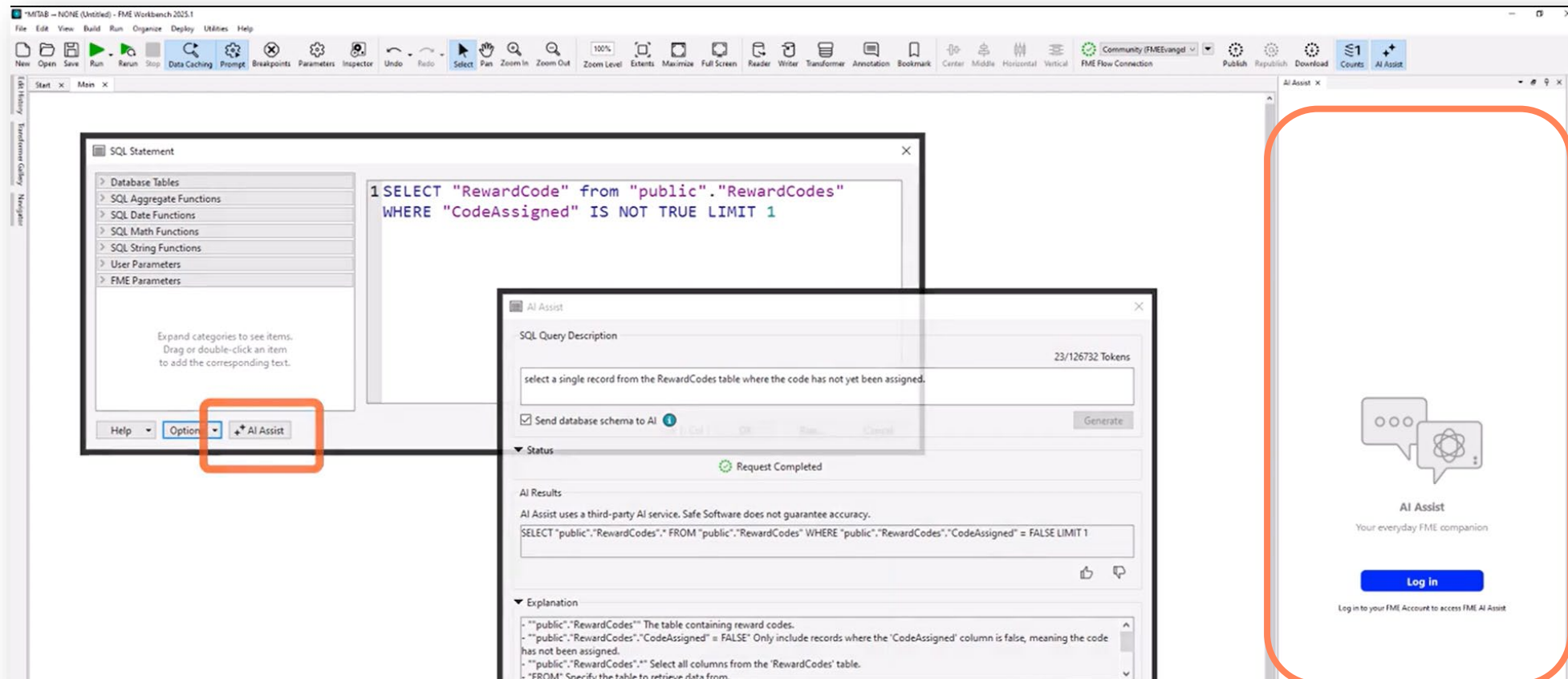
Color* 1,0.937255,0.611765

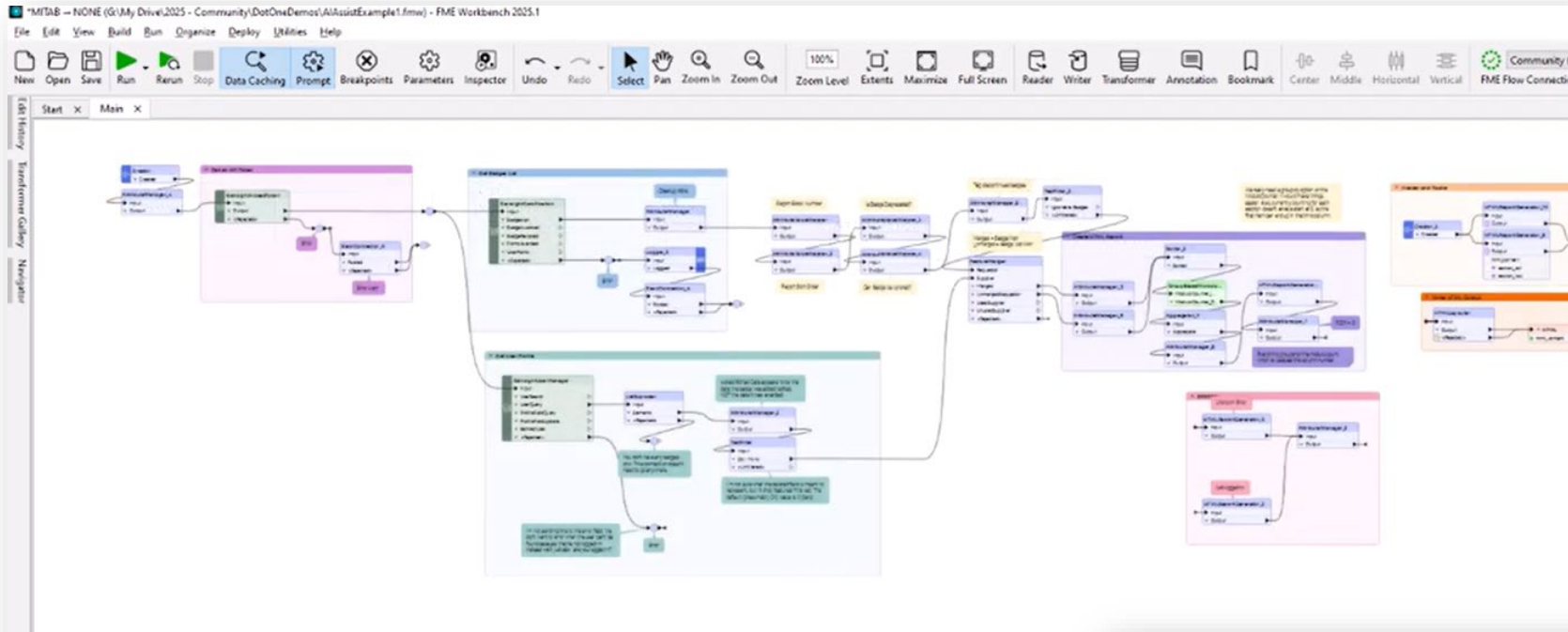
Help Presets OK Cancel



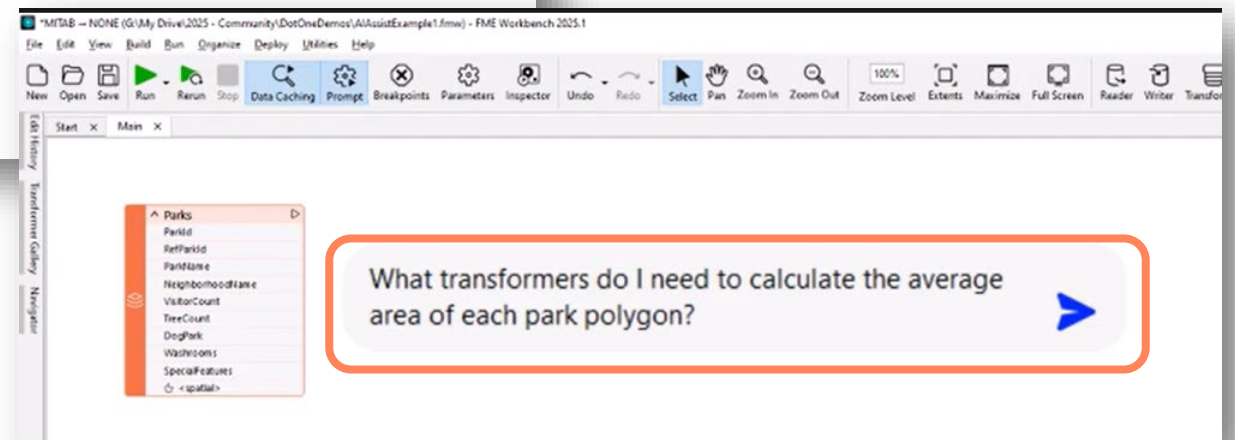
AI Assist and Context-Sensitive Help

- Built-in, context-aware **FME expert** that offers guidance **from trusted sources** (documentation, community posts, and Knowledge Base articles).
- Helps you learn features, troubleshoot issues, and build workflows faster.



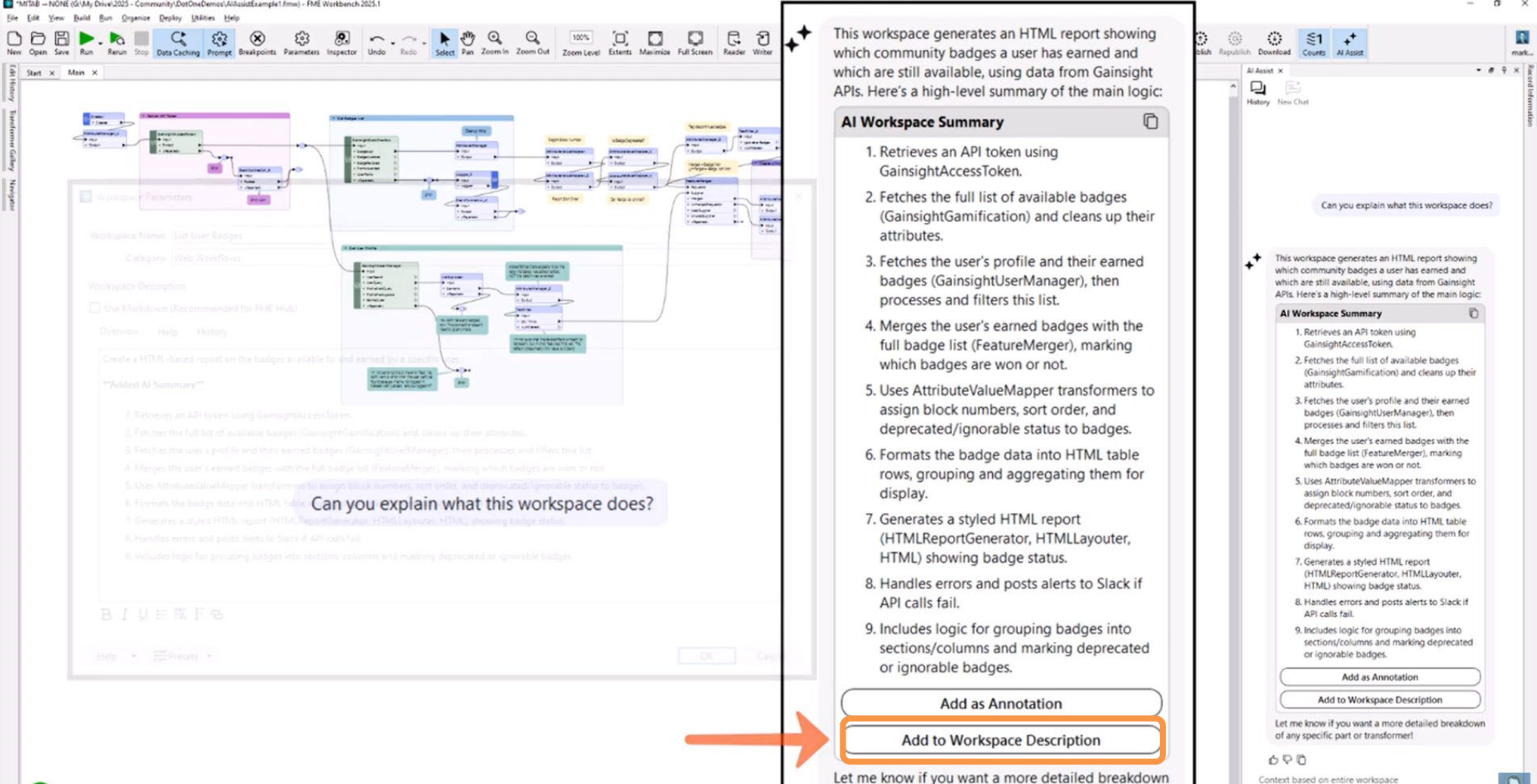


Can you explain what this workspace does?



What transformers do I need to calculate the average area of each park polygon?

AI Assist and Context-Sensitive Help



The screenshot displays the FME 2025.1 AI Assist interface. On the left, a workspace diagram is visible with various data processing blocks. A dialog box titled "Can you explain what this workspace does?" is open, showing a list of steps: 1. Retrieves an API token using GainsightAccessToken, 2. Fetches the full list of available badges (GainsightGamification) and cleans up their attributes, 3. Fetches the user's profile and their earned badges (GainsightUserManager), then processes and filters this list, 4. Merges the user's earned badges with the full badge list (FeatureMerger), marking which badges are won or not, 5. Uses AttributeValueMapper transformers to assign block numbers, sort order, and deprecated/ignorable status to badges, 6. Formats the badge data into HTML table rows, grouping and aggregating them for display, 7. Generates a styled HTML report (HTMLReportGenerator, HTMLLayouter, HTML) showing badge status, 8. Handles errors and posts alerts to Slack if API calls fail, 9. Includes logic for grouping badges into sections/columns and marking deprecated or ignorable badges.

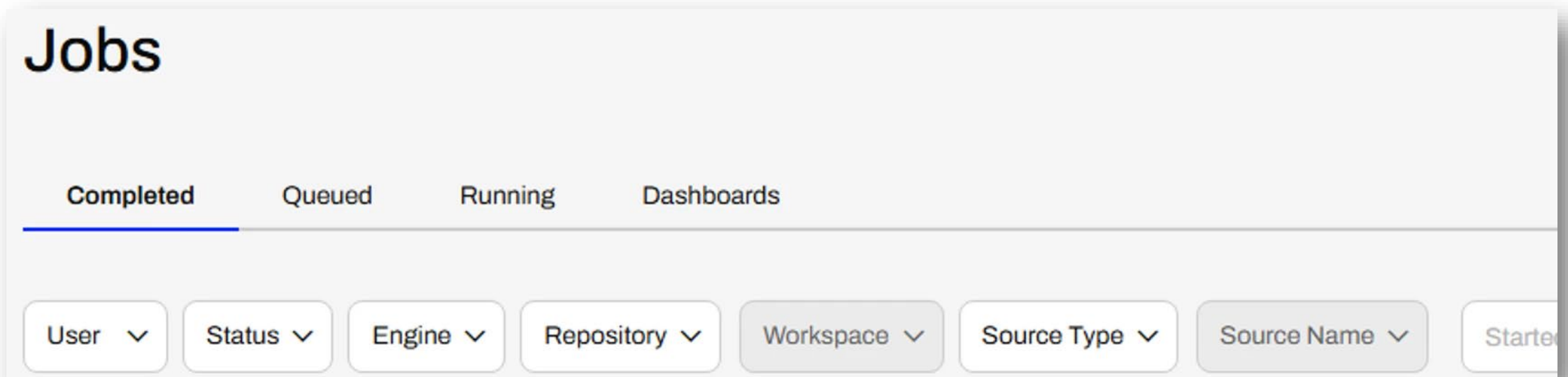
On the right, a detailed "AI Workspace Summary" is shown, providing a high-level overview of the workspace's logic. The summary includes the following steps:

1. Retrieves an API token using GainsightAccessToken.
2. Fetches the full list of available badges (GainsightGamification) and cleans up their attributes.
3. Fetches the user's profile and their earned badges (GainsightUserManager), then processes and filters this list.
4. Merges the user's earned badges with the full badge list (FeatureMerger), marking which badges are won or not.
5. Uses AttributeValueMapper transformers to assign block numbers, sort order, and deprecated/ignorable status to badges.
6. Formats the badge data into HTML table rows, grouping and aggregating them for display.
7. Generates a styled HTML report (HTMLReportGenerator, HTMLLayouter, HTML) showing badge status.
8. Handles errors and posts alerts to Slack if API calls fail.
9. Includes logic for grouping badges into sections/columns and marking deprecated or ignorable badges.

Below the summary, there are two buttons: "Add as Annotation" and "Add to Workspace Description". An orange arrow points to the "Add to Workspace Description" button. At the bottom, a text prompt says: "Let me know if you want a more detailed breakdown of any specific part or transformer".

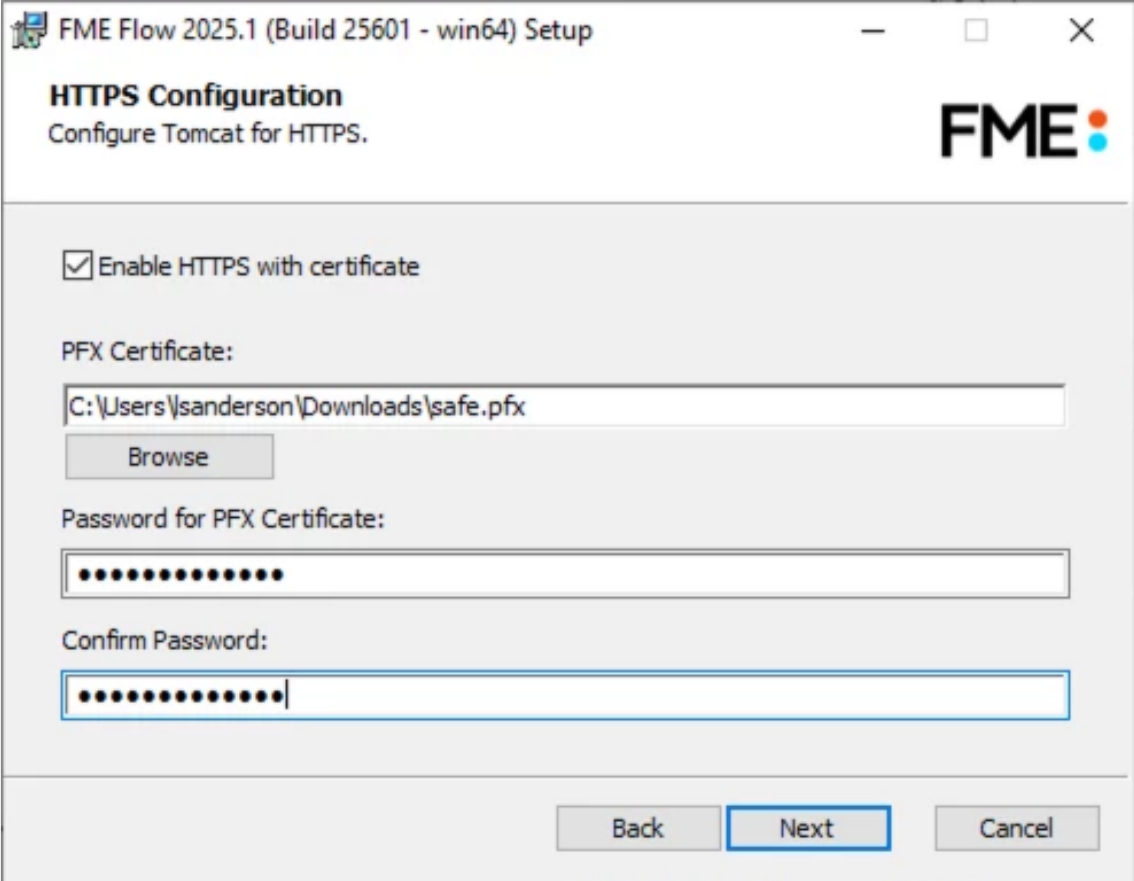
Automation & Apps

- **SFTP triggers** in Automations (2026.2): react when files arrive, change, disappear
- Flow App **parameter pre-loading** (2025.2): values from URLs, workspaces or JSON
- REST **API V4** is now fully
- Better **sorting & filtering**: Jobs, Schedules, Automations, Notifications (2026.2)



Automatic HTTPS Configuration

guided setup, available **in the installer** or via a PowerShell script, helps you enable **encrypted connections** simplifying or automating certificate handling.

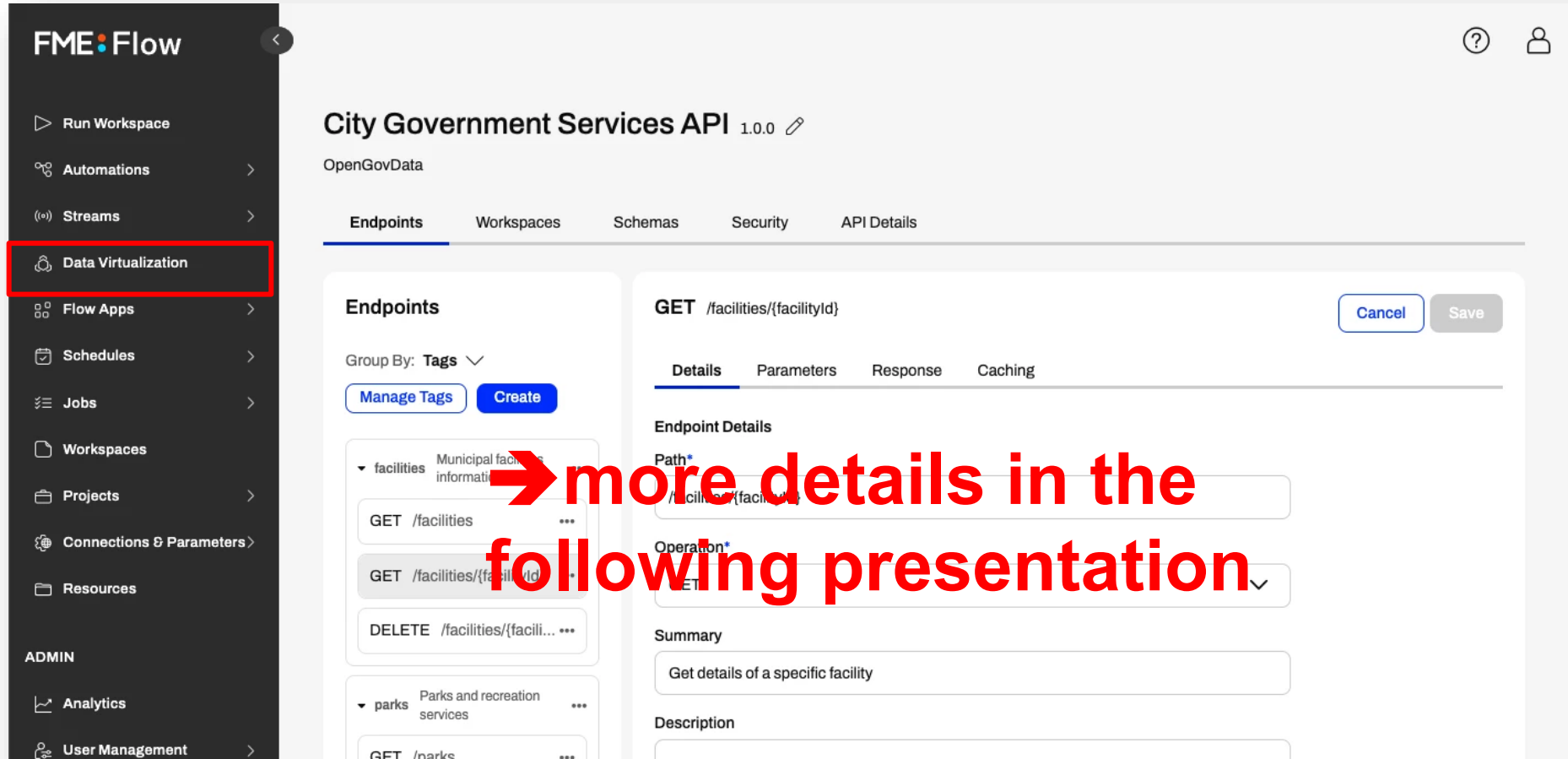


The image shows a screenshot of the 'FME Flow 2025.1 (Build 25601 - win64) Setup' window, specifically the 'HTTPS Configuration' step. The window title bar includes the FME logo. The main heading is 'HTTPS Configuration' with the subtitle 'Configure Tomcat for HTTPS.'. There is a checkbox labeled 'Enable HTTPS with certificate' which is checked. Below this, there is a 'PFX Certificate:' label followed by a text box containing the path 'C:\Users\sanderson\Downloads\safe.pfx'. A 'Browse' button is located below the text box. Then, there is a 'Password for PFX Certificate:' label followed by a password text box filled with dots. Below that is a 'Confirm Password:' label followed by another password text box filled with dots. At the bottom right, there are three buttons: 'Back', 'Next' (which is highlighted with a blue border), and 'Cancel'.



FME Data Virtualization

- New capability that enables you to build REST APIs directly on top of any system or data source. It offers CRUD (Create, Read, Update, Delete) functionality with built-in caching and security, all through a no-code interface.



The screenshot displays the FME Flow interface for configuring a REST API. On the left, a dark sidebar contains navigation options: Run Workspace, Automations, Streams, Data Virtualization (highlighted with a red box), Flow Apps, Schedules, Jobs, Workspaces, Projects, Connections & Parameters, Resources, ADMIN, Analytics, and User Management. The main panel is titled 'City Government Services API 1.0.0' and shows tabs for Endpoints, Workspaces, Schemas, Security, and API Details. The 'Endpoints' tab is active, displaying a list of endpoints grouped by tags. A red arrow points from the 'facilities' group to the 'GET /facilities/{facilityId}' endpoint. The right panel shows the configuration for this endpoint, including the Path, Operation (GET), and a Summary description: 'Get details of a specific facility'.

more details in the following presentation

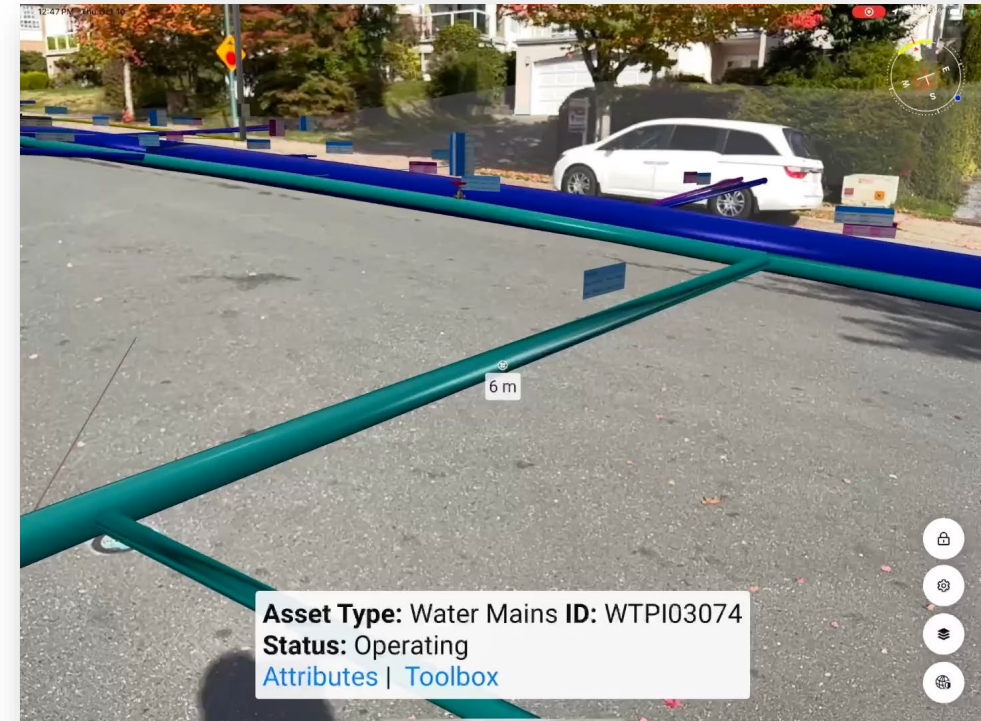
FME Realize — a new product

AR application bringing the FME Platform into the field

- Visualise, update and act on live enterprise data in context
- Inspections and work orders; 3D models with labelled components

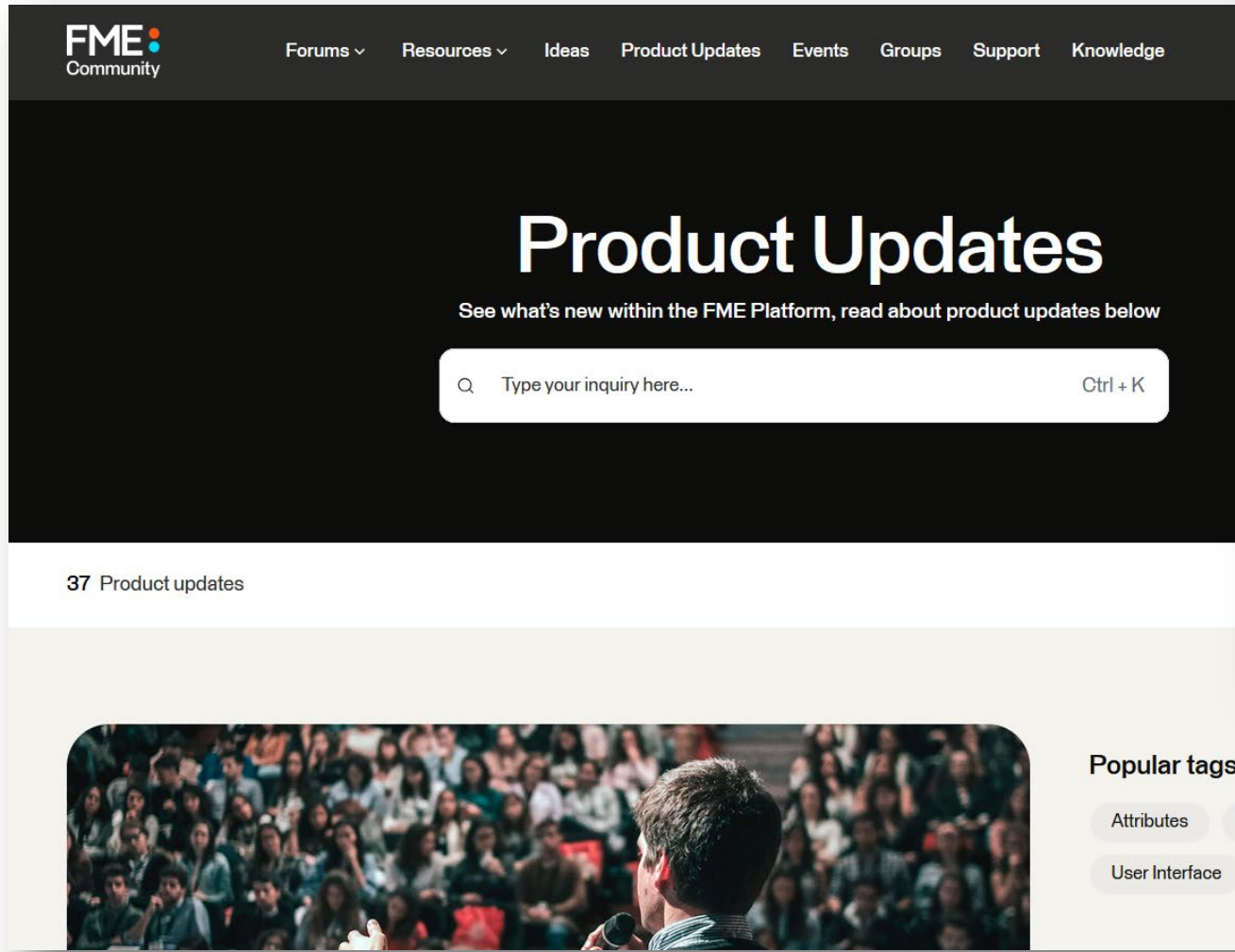
Live data from IoT devices; edits sync back to central databases

Integrations via FME Flow



Further reading on Product updates

<https://community.safe.com/product-updates>



The screenshot shows the 'Product Updates' section of the FME Community website. The header includes the FME Community logo and navigation links: Forums, Resources, Ideas, Product Updates, Events, Groups, Support, and Knowledge. The main heading is 'Product Updates' with a subtext: 'See what's new within the FME Platform, read about product updates below'. Below this is a search bar with the placeholder text 'Type your inquiry here...' and a 'Ctrl + K' shortcut. The page indicates '37 Product updates'. At the bottom, there is a featured image of a speaker addressing a large audience and a section for 'Popular tags' including Attributes, Writer, Reader, User Interface, and Geospatial and GIS.





Thank you for your attention



www.inser.ch



inser-sa