

What's New in 2024.2

Jan Roggisch

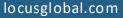




Agenda

- FME 2024.2 released 5 November 2024
- Improved Quick Add
- Experience Gallery
- Encrypted Password Deployment Parameters
- New Integrations
- New Rejected Port in PythonCaller
- Improvements to the Surface Model Transformers

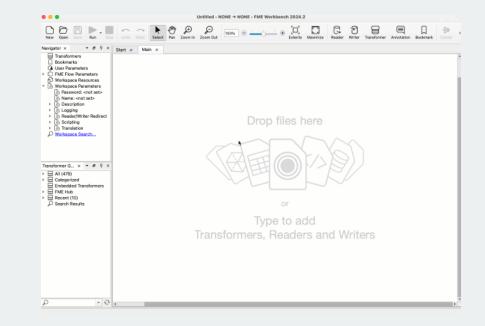






Improved Quick Add

FME Workbench's Quick Add now offers smarter, relevancesorted results with improved search accuracy and support for mistyped terms and keyword matches







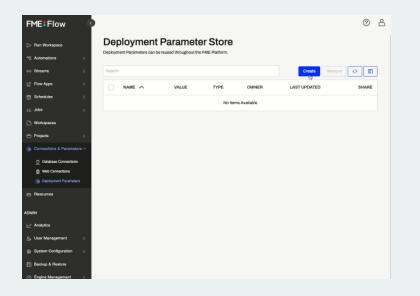
New Examples Gallery Experience

- The new Examples Gallery in FME
 Workbench offers curated, high-quality
 template workspaces to simplify
 onboarding and reduce the learning curve
- Discover beginner-friendly examples and advanced, pre-configured workspaces to accelerate workflows

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New Open Sav	■	- 🕘 💭 💭	Reader Writer Transformer Annetation Bookmark Center
Start × Main	×		
Get Start	ed		Resources
New Search	Open Examples PME How		FME: Breakfast of Champions
		Last Opened * *	See where we're headed next
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÷ 🕑	LoopRetriever.fmw /Users/liz.sanderson/Documents/a. Safe Projects/Knowledge Admin/GeinsightComm	2024-10-09 12:25 PM	FME Community Get help with FME, share knowledge, and connect with users globally.
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Support for Encrypted Deployment Parameter Passwords



FME Flow now supports encrypted Password Deployment Parameters, enhancing security by obscuring values and enabling managed user access





New Integrations



Data Inspector: Supports custom XYZ tiles (e.g. OpenStreetMap) as background maps
Autodesk Navisworks Reader: Integrates NWD, NWF, and NWC files into

workflows

- Azure Synapse Writer: Supports data warehouses in Microsoft Fabric
- AIXM Reader/Writer: Handles complex aviation data with GML+ improving interoperability and AIXM 5 workflows
- Azure AD (Entra ID): Integrated authentication enhances security and workspace automation across Azure components







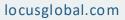
FeatureReader – Clip to Initiator

Reading					
Reader					
Format:	Esri Geodatabase (File Geodb)	~			
Dataset: s-FGDB\fire-and-emergency-nz-localities.gdb"					
Paramet	ters Coord. System: Read from source	ce ~			

 Constraints 	
Feature Types to Read:	<all feature="" th="" typ<=""></all>
WHERE Clause:	💌
Spatial Filter:	<no filter="" spatial=""> \sim \checkmark</no>
Clip to Initiator Envelope:	
Max Features to Read:	

The FeatureReader can now clip to the bounding box of any initiator feature. A separate option from the Filter parameter where you can clip without filtering, filter without clipping, or both filter and clip at the same time.





Added Rejected Port to PythonCaller

•		PythonCaller Parameters
Transformer Name:	PythonCa	ler
Group Processing		
hon Script		
Class to Process Features:	eaturePr	ocessor
 FME Feature Attributes 	28	
No Attributes Available	29	close(self):
User Parameters	30 31	"""This method is called once all the FME Features have been processed from input().""" pass
FME Parameters	32	
Deployment Parameters	33 34	<pre>def process_group(self): """This method is called by FME for each group when group processing mode is enabled.""</pre>
	35	pass
ixpand categories to see iter Drag or double-click an iter to add the corresponding te	39	<pre>def reject_feature(self, feature: fmeobjects.FMEFeature, code: str, message: str): """This method can be used to output a feature to the <rejected> port.""" feature.setAttribute("fme_rejection_message", message) self.pyoutput(feature, output_tag="<rejected>") </rejected></rejected></pre>
	4	
Options - Al Assist		
put Attributes		
Attributes to Expose:		
Attributes To Hide:	lo Attribu	tes Available
Lists to Hide:	lo Attribu	tes Available
Help · EPresets ·		Cancel OK

The new Rejected Port in PythonCaller simplifies error handling by allowing failed features to be output through a dedicated port, streamlining workflows







VertexCreator: Add Coordinate System Parameter

VertexCreate	or Parameters
Transformer Name:	VertexCreator
General	
Mode:	Replace with Point 👻
X Value:	▼ × ∑
Y Value:	
Z Value:	· · ·
Remove Attributes:	No •
Coordinate System:	<read feature="" from=""></read>
Index:	UTM83-10
Advanced	CGCS2000/102E_FME
<u>H</u> elp <u>≋</u> Presets ∗	*XY-FT*
	LL84
	NAD27-48.LL
	LL-WGS84
	EPSG4326
	More Coordi Systems

The VertexCreator transformer now includes an optional coordinate system parameter in "Replace with Point" mode, streamlining workflows and reducing complexity when handling large datasets or multiple coordinate systems



Improvements to the Surface Model Transformers

The Surface Model Transformers now include a "Breakline Method" parameter for greater flexibility in choosing between preserving the Delaunay condition or maintaining breakline edges, with improved stability and performance across all related transformers

Con	tourGenerator Parameters
Transformer Name:	ContourGenerator
Group Processing	
Surface Tolerance:	1
Breakline Method:	Preserve Delaunay by Adding Points
Breakline Tolerance:	Preserve Breakline Edges
Output Contour Interval:	3
Output Attribute Name	
Output Elevation:	_elevation
Help Sepresets	Cancel OK



Thank you!



