

What's New in 2024

Darren and AI



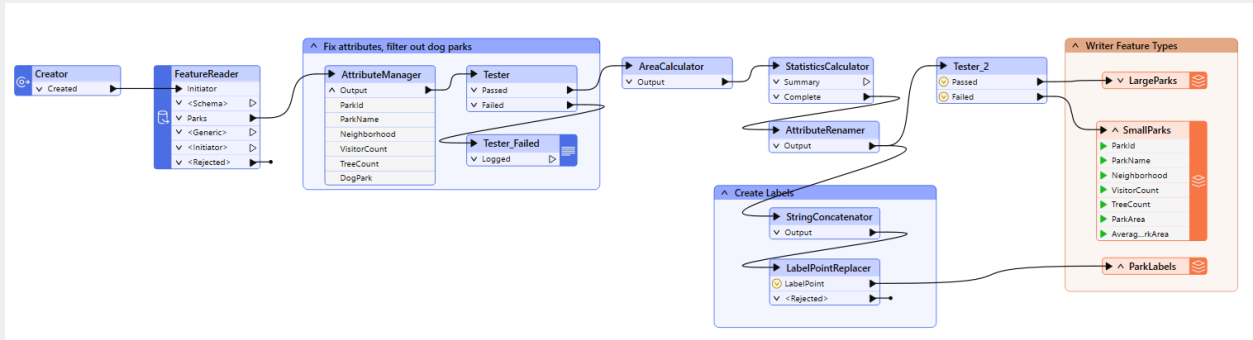
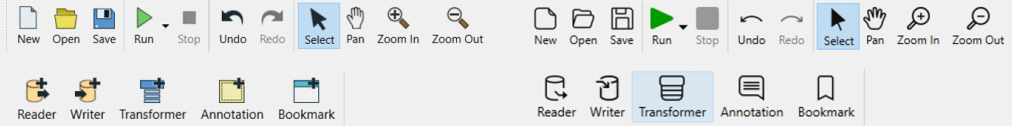
LOCUS

Agenda

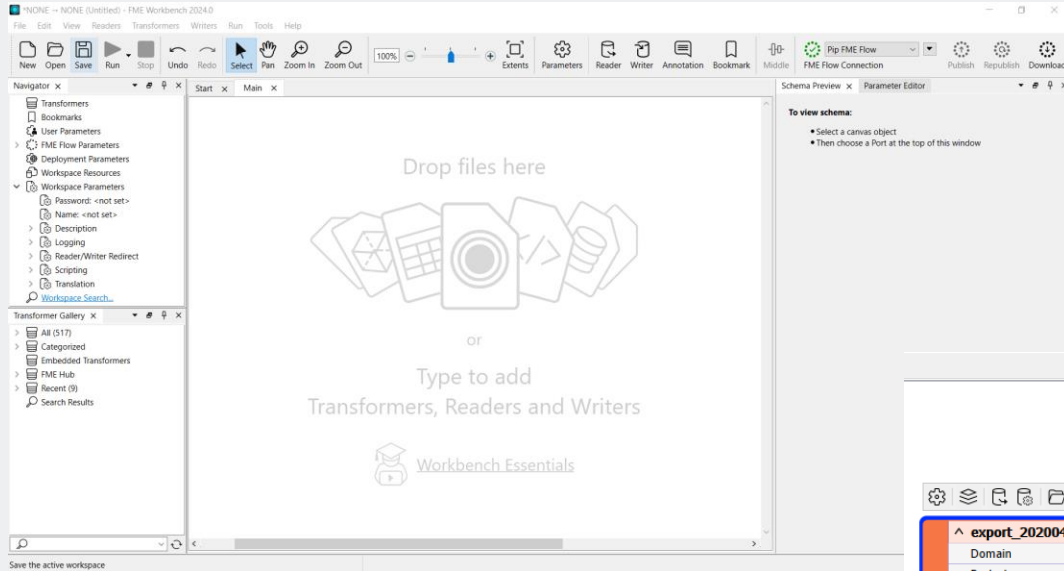
- What's New In:
 - FME Form
 - FME Flow
- Other Form and Flow Changes
- Safe Community Rebrand

FME Form - UI

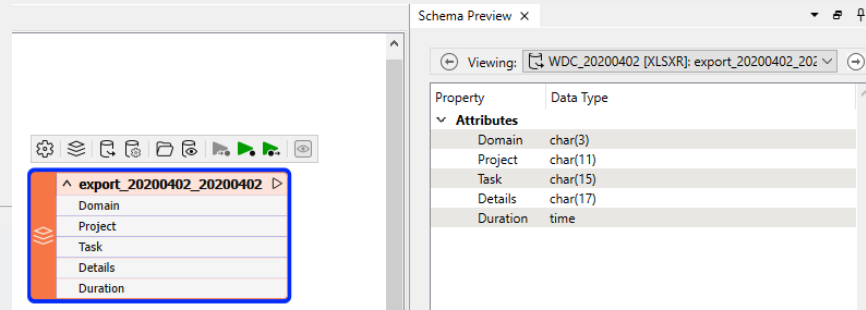
- New icons
- Canvas upgrade
 - Readers/Writers
 - Transformers
 - Bookmarks



FME Form - UI



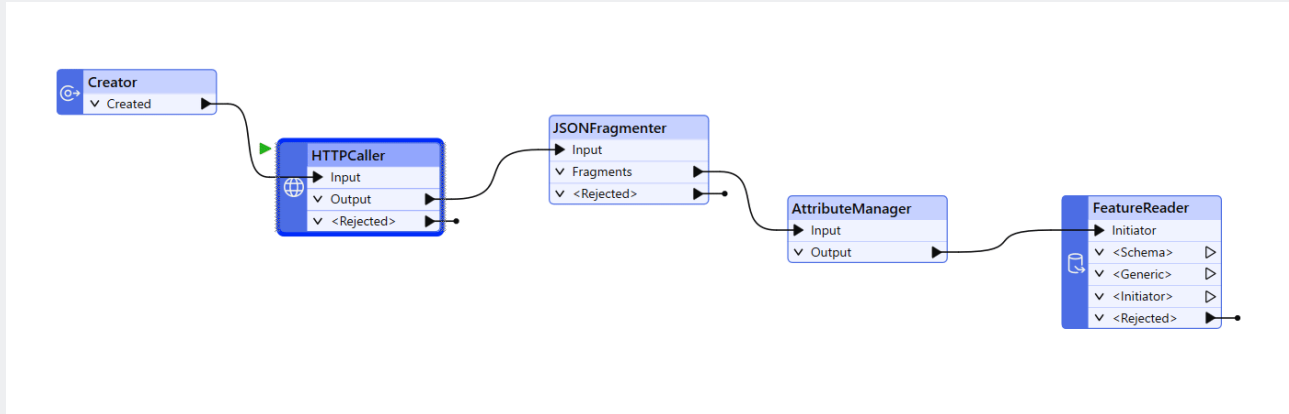
- Improved Desktop Windowing
- New Schema Preview Window



FME Form - UI

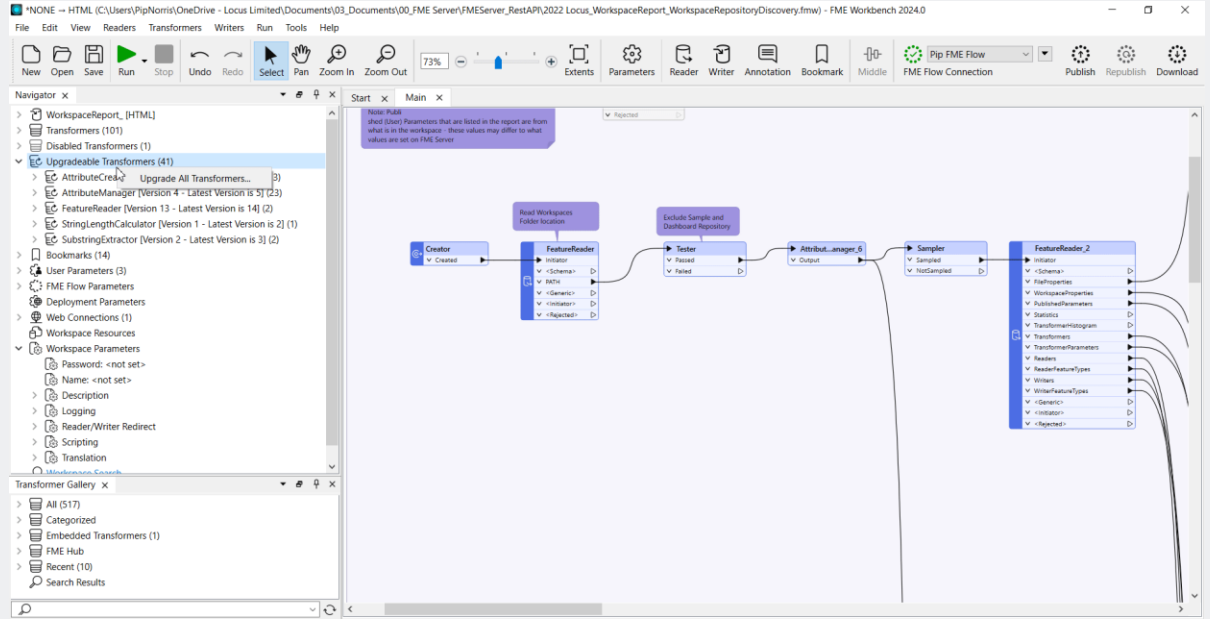
Workspace Organisation

- Alignment Guides and Shift Key



FME Form – Transformer Upgrades

- Multi-Transformer upgrades
 - you asked for it 😊
- Upgrade all transformers at once, by transformer type or individually



FME Form – 3D Data

- Faster 3D data inspecting introduced
- Revit Instance Writing
- Basis Universal Reader/Writer
- 3D Network Support - NetworkTopologyCounter, StreamPriorityCalculator, ShortestPathFinder
- Tiler - supports tiling 3D surfaces and solids

FME Form – Additional Enhancements

- Enhanced attribute data type management with AttributeExposer
- New coordinate system mismatch warning feature
- Speed enhancements 30 – 99% faster
 - Splitter
 - Trimmer
 - CaseChanger
 - Concatenator
 - LengthCalculator
 - Searcher
 - SubstringExtractor
 - Clipper
- Improved data encryption
- Scripted selection in Transformer Designer and User Parameter Manager

FME Flow

- Introduction of Remote Engines Service
Support for Automation

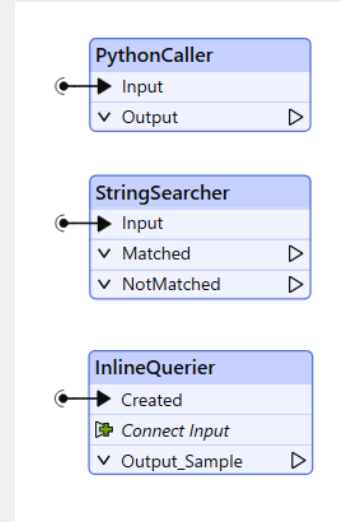
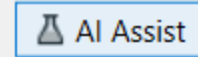
The screenshot displays the FME Flow interface. On the left, a workflow diagram shows a 'Manual Trigger' connected to an 'austin Apartments' workspace. On the right, the 'austin Apartments Details' configuration panel is shown. The 'Action' is set to 'Run a Workspace', the 'Repository' is 'Samples', and the 'Workspace' is 'austinApartments.fmw'. The 'Advanced' section is expanded, showing 'Job Queue (optional)' set to 'Test for remote engines' and 'Queued Job Expiry Time (optional)'. Below the configuration panel, a 'Jobs' table is visible, showing a job with ID 191, workspace 'austinApartments.fmw', engine 'Submitted to Remote Engine', queue 'Test for remote engines', and source type 'Automations'.

ID	WORKSPACE	ENGINE	QUEUE	SOURCE TYPE
191	austinApartments.fmw	Submitted to Remote Engine	Test for remote engines	Automations

Credit: <https://support.safe.com/>

FME Form - AI

- Enhanced AI Assist – OpenAI, Azure OpenAI
 - SQL
 - Python
 - RegEx
- AI Connectors

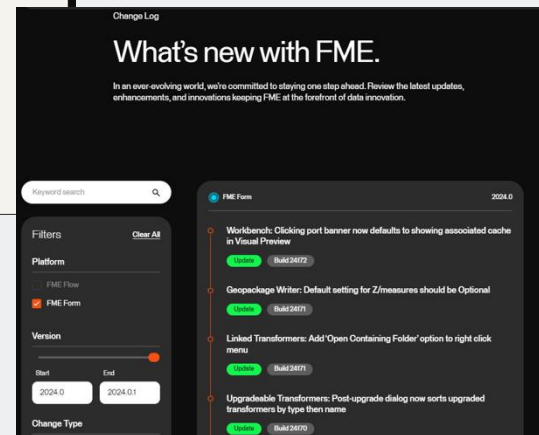
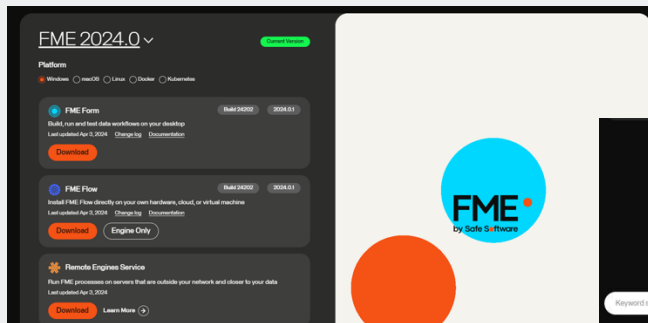
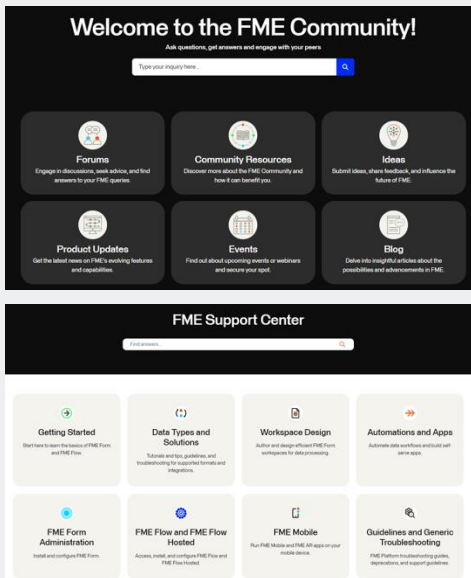


FME Form and Flow Changes

- Deprecations and Replacements:
 - Removal of TCL scripts, retaining only Python
- Significant changes to connection storage in FME Form 2024: [Safe Link](#)
- Automation Logs Update:
 - Automation logs from 2023.2 have been updated to improve performance by recording logs separately for each process. This is accessible via Resources > Logs > Automations.
 - For aggregated logs, restart the Automation in Debug Mode.

Documentation and Community Updates

- Refresh and rebrand of the FME Community, Support and Knowledge Bases
- Updates on the FME Download page including change logs, bug reports, and new features



**FME 2024.1 will be
the next big
release**

Thank you!

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