What's Great in FME 2011

FME 2011: Spatial Data at your Command

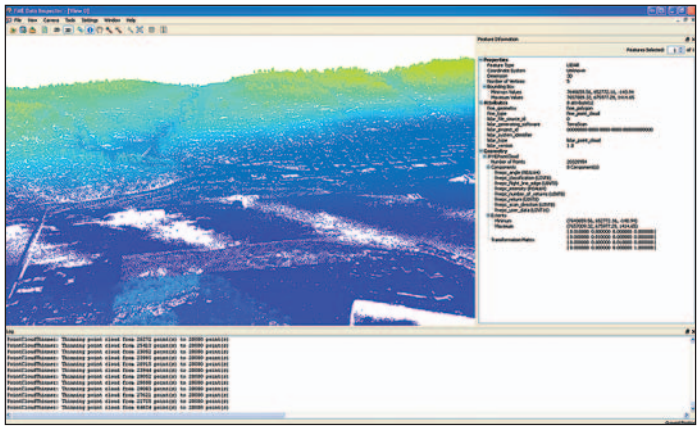
Unleash your inner Spatial Superhero - with FME® 2011 as your sidekick, spatial data is yours to command. No matter what the data challenge, this latest release of FME brings you extraordinary new powers.

Harness Your Assets

New features and support for an entirely new data type in FME 2011 round out the suite of superpowers at your disposal to make the most of your spatial data assets.

DISCOVER THE POWER OF POINT CLOUDS

Big news for FME 2011 is the addition of point clouds to the family of data types supported by FME. Point cloud data is hitting the mainstream – and with FME 2011, you now have the tools you need to work with these massive datasets in a number of formats. Read, write, thin, reproject, split, clip, combine, tile, chip, inspect, and create surface models. FME gives you the power to integrate point clouds with your conventional data, create new ways for your end user to visualize information, and maximize the value of your investment in 3D point data.



Visualizing LAS LiDAR data

PERFORM SUPERHUMAN FEATS OF DATA SHARING

With this release, FME Server sees the addition of REST services, greatly simplifying web deployments with standard RESTful architecture. Scheduling has been added, for hands-off task execution. More granular security gives you even finer control over your data and processes.

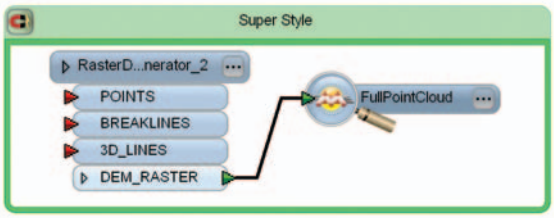
Do More With Less

You've got the power to not only save time, but resources too – and to get up to speed on FME faster than you ever thought possible. With every release, FME gets better and better – our users' feedback results in new features and refinements for increased productivity and ease of use.

CHOOSE YOUR NEW SUPERPOWERS

FME 2011's usability enhancements make building and maintaining workspaces faster and easier than ever before. Here are a few highlights:

- SQLCreator and SQLQuerier – These two new transformers execute SQL queries against a database, creating new features or performing queries for existing features.
- Stylers for MapInfo®, DGN and DWG™ – These new transformers centralize symbology application – line styles, fills, text styling, and symbol, cell, or block assignment.
- SchemaMapper – Completely revamped in 2011, the SchemaMapper takes complex data mapping and migration tasks to a whole new level of productivity, and in a fraction of the time.
- New Tester Predicates – Test conditions just became much more flexible, with the addition of these new operators: In, Between, Like, Matches Regex, Contains, Begins With, and Ends With.
- Quick Add Transformer Improvements – The Quick Add feature is already a time-saver while working in Workbench – now just type the initials of your transformer to find and add it to your workspace.
- Workspace Runner – With the IFMEWorkspaceRunner, developers can spend less time coding by running Workbench-created workspaces through an API.
- Updated User Interface– FME 2011 has a brand new look! You can create your own themes, too – or switch to the "classic" theme for old-school Spatial Superhero style.

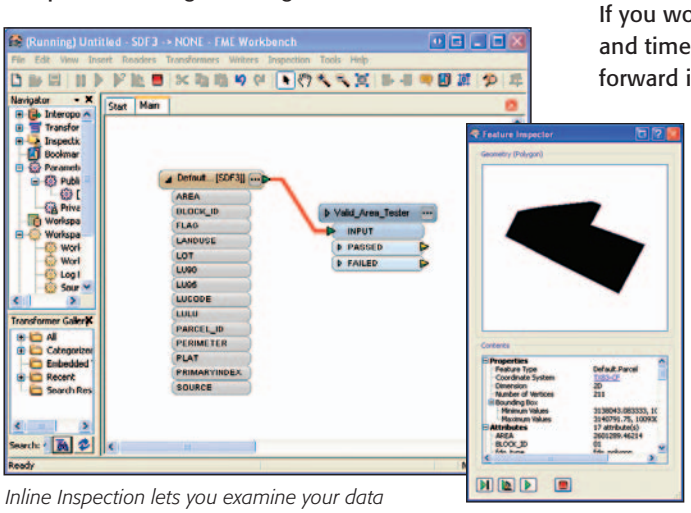


FME's new style

SAFE SOFTWARE

USE X-RAY VISION FOR YOUR WORKSPACE

Inline Inspection is a new feature for 2011. Set Inspection points anywhere in your FME workspace to inspect the current state (attributes and geometry) of your data as it passes from one transformer to the next, with the option of applying test conditions. You can stop at every data record, or define a break count. Inline Inspection gives you superfine debugging capabilities, and dramatically speeds up the authoring – you don't need to wait until your translation has completed running to debug at a feature level.



Inline Inspection lets you examine your data as it passes from one transformer to another, interactively stepping through the transformation.

SCALE STEEP LEARNING CURVES IN A SINGLE BOUND

Whether you have a new user getting up to speed on FME, or you want to replicate your own work for efficiency, FME 2011's Workspace Templates can assist. Save your own workspaces as templates to re-use in the future or to show somebody else what you've done, without touching the original. Download a selection of templates from fmepedia to learn something new or shortcut new workspace development.

TRIUMPH OVER VILLAINOUS XML

If you work with XML, you know how complex and time-consuming it can be. FME 2011 is a leap forward in XML handling, with features designed specifically to tackle this ever-growing challenge. Thanks to the XMLTemplater, validation, styling, metadata and cataloging abilities, the time it takes to generate XML has been literally decimated – and the incredible gains in ease of use means that tasks are now within the reach of more users than ever.

Future-Proof Your Investment

What will tomorrow bring? If the past is any indication, we'll see the evolution of current formats, brand new formats and platforms, and entirely new data types. With FME, you'll be ready.

FLY HIGH IN THE CLOUD

Spatial data in the cloud is ready, and FME 2011 gets you there, with new reading and writing capabilities for Windows Azure™, SQL Azure™, OGDI and Google™ Spreadsheets.

BECOME SPATIALLY INVINCIBLE!

Take on all challenges with FME – whatever the future brings, FME ensures you'll be prepared. In 2011, we added new formats including LAS, Pointools POD (Point database), XYZ ASCII, OpenStreetMap, and TIBCO® OpenSpirit – as well as support for new versions such as Esri® ArcGIS® 10 and Autodesk's® FDO 2011. Our commitment to keeping up with industry changes continues to empower our users to take on interoperability challenges of all kinds.

New Formats

- ASPRS LiDAR Data Exchange Format (LAS)
- ESRIJSON (ESRI JavaScript Object Notation)
- Google Spreadsheet
- Gridded Binary (GRIB)
- XYZ ASII
- Microsoft Windows Azure
- Microsoft Windows Azure OGDI
- OpenSpirit
- Pointools POD (Point database)

About Safe Software

Safe Software Inc. is the maker of FME® and the global leader in spatial data transformation technology that helps GIS professionals and organizations master their data interoperability challenges.

FME is used by thousands of customers in more than 116 countries in a variety of industries. Ranging from small businesses to top international organizations, our customers use FME to unleash the power of their spatial data so people can use it where, when, and how they want to.