FeatureReader & FeatureWriter

Making Automation Easier

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Why did we add the FeatureReader & FeatureWriter transformers?

Workflow Automation
FeatureReader (since 2011)

Solves problems such as:

- Read data within a boundary
- Read data within a user drawn area
- ..and as we shall see, read in data FME has written in the same workspace
FeatureReader Example

Read from the database and return all features that satisfy the "CONTAINS" criteria with the bounding box.

Select the neighborhood of interest to use as a bounding box for the desired features.
FeatureWriter - New in FME 2016!

Do things AFTER the data is written and IN FME Workbench

Before we had to use:
- Shut down python or TCL
- WorkspaceRunner
- FMEServerJobSubmitter
- etc.

Less Coding

More Workbench
How the FeatureWriter Helps

Easy Wins

Automation Workflows

3rd Party Integrations
Some Easy Wins:

- copy data *after* writing
- FTP results
- Email an attachment
- Load into Dropbox
- What else?
Automation Workflows:

- Quality checking
- Database validation
- FME Server Notification
- What else?
3rd Party Integrations:

- LASTools
- Orfeo Raster Toolbox
- ImageMagic
- What else?
Let’s Go – Demos!
More Information

https://knowledge.safe.com

- http://safe.com/transformers

*More examples of 3rd Party Integrations
In Transforming Rasters and Point Clouds World Tour Presentation