FME & XML – Sing Along

Or: FME & XML: A Love Story
FME 2012: XML++
FME 2012: XML++

No FME Release is complete without making XML easier!
XML is for sharing data across organizations

GML is of course also improving as it is XML
FME 2012: Let your XML Love Shine!

New XML Based Formats:
- AIXM 5.1 Reader
- INSPIRE Reader
- Ordnance Survey VectorMap Reader
- Top50NL Reader
FME 2012: XML is only getting more important

XML is communication protocol of web
• Used by devices
XML is communication protocol of web
• Used by sensors
FME 2012: XML is only getting more important

XML is communication protocol of web
• Used by applications
FME 2012: XML Reading

Reading XML was easy in FME 2011!

Reading XML with FME 2012 is now called “Having Fun!”
MetaData Reading Example.
- XML is no longer an issue.
- Now what do you want to do with it?
MetaData Reading Example.

- XML is no longer an issue.
- Now what do you want to do with it?
Read any GML dataset!

- Point and Go!
FME 2012: XML Updating

Path driven approach to XML Creation

- Useful for updating Metadata?
Path driven approach to XML Creation
- Useful for updating Metadata.

Demo
FME 2012: XML Writing

Writing XML was easy in FME 2011!

In FME 2012 it is taken to a new level!
FME 2012: XML Writing

You no longer need an XML sample to write XML!

Now an *.xsd file is all you need!
FME 2012: XML Writing

You no longer need an XML sample to write XML!

Now an *.xsd file is all you need!

Demo
There was an old lady who swallowed a fly!
XML Writing: Deeply Nested Demo

FME 2011 Solution:
XML Writing: Deeply Nested Demo

FME 2012 Solution:

Old_Lady
  ▼ Created
horses
  ▼ Created
cows
  ▼ Created
dogs
  ▼ Created
cats
  ▼ Created

XMLTemplater
  ▼ Root
      ▼ Horse
      ▼ Cow
      ▼ Dog
      ▼ Cat
      ▼ Bird
      ▼ Spider
      ▼ Flies
      ▼ Output

- text_line_data
XML Writing: Deeply Nested Demo

FME 2012 Solution:

Demo
FME 2012: Let your XML Love Shine!

- New capabilities and dialogs for XML Reader, Writer and Transformer dialogs!
- Many New Transformers to make both Reading and Writing much easier!
- Once you work with XML/GML in FME 2012 you too will be singing!!!

*Do you have an XML Challenge? If so send it to xml@safe.com*
Thank You