

Industry Formats and Services with pureXML Demonstration

Before you begin

- You'll enjoy the Atom part of the demonstration more if you have some kind of feed reader installed, such as Sage with Mozilla Firefox
- You'll enjoy the XForms part of the demonstration more if you have downloaded and installed Mozilla Firefox (1.5.07 and above) with the XForms 0.7 (or above) extension
- You'll enjoy the SVG part of the demonstration more if you use a viewer that supports SVG such as Mozilla Firefox

To find your way around the demo

- **Step 1 - Review an Industry Format.** For example, click on MISMO and you will see similar capabilities that are available for all industry formats: Data Management, Atom Feeds, Technical Information and optionally XForms.
- **Step 2 - Review Data Management area –** From the Data Management selection, click on **Query**. On the right side of the screen is the table layout for the stored messages. All the XML messages are stored in a collection (a column in a table) called DOCUMENT.
 1. At the top-left of the screen is a list of names of the MISMO documents in the database. Select one (such as MISMO Sample 1) and then click **retrieve**. You'll be able to see the XML format as stored in the database (view source through your browser, e.g., using the tip below). Notice the elements and attributes. Use your browser back button to retrieve and see other documents in the database.
 2. Next, on the left of the blank query box, find the text where it says "Click **here** for a list of sample queries". Click and look at some of the queries for MISMO. Select one of the queries and execute it and view the results. Note that queries apply to XML documents stored in a collection and not just to a single document. You can try editing the queries and executing some queries of your own. Do the same with some of the other industry formats: retrieve and query the XML.
- **Step 3 - Review Atom Feeds area –**
 1. First make sure you can view feeds. For example, google on "RSS CNN" or "RSS BBC" and you'll find you are at a page that contains links that you can bookmark by topic.
 2. Select a topic, e.g., news about education, and bookmark it in your feed reader such as Sage. Then you'll be able to see lists of educational news items that are periodically refreshed as your reader will go back to the news Website to get the latest information. *You will be tempted to stray from the demo at this point, do remember to come back!*
 3. Go into any industry format in the demo and select the "Create the link to a dynamic Atom Feed" option.
 4. Configure your feed (for example, change the title or the XPath) then click Submit, which generates a link that you can bookmark in the same way you bookmarked the news topic. You'll find you now have a feed that retrieves XML from the database according to the XPath you specified.
- **Step 4 - Review XForms area -** (currently available for MISMO and HL7 demos)
 1. Select the XForms Demo link from the MISMO page. If you have successfully installed Mozilla Firefox and the XForms extension, you should see a page with a button called "Retrieve SMARTDoc Documents".
 2. Click the Retrieve SMARTDoc Documents button, which retrieves a set of SMARTDoc XML documents stored in the database in a drop down list. You can see buttons to either delete the XML document from the database or retrieve the XML document and load it into another XForms on the next page.
 3. Select one of the MISMO XML documents and select "Retrieve Selected Document". The next page will show you a "Loan Closing Note". You can change some of the fields and insert the modified document back into the database as a new XML document (i.e., the originally selected document is still present in its original form) by entering a "Document comment", which serves as the identifying key for the new document, and then by clicking on the "Insert XML Document" button. If you did not change the document or you do not want to commit your changes, then you can go back to the list of MISMO documents found in this sample database by clicking on the "Select Another Document" button. If you click on your browser's back button, you'll be taken back to the demo main selection page.

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4. Note that should an error occur while trying to insert the document, then most likely the chosen "Document comment" already exists. In this case, choose a different document comment that does not yet exist. If you continue to experience a problem, when trying to insert the document, you might try navigating back to "Select another Document" and try again.
- **Step 5 - Review Technical Information area** - Take a look at the architecture, the WSDL and the REST services that are exposed by the demo and that are used by various portions of the demonstration such as XForms.

Some navigational and general tips:

- To navigate around the demonstration, just click on "Demo Overview" at the top of each page to get back to the beginning or click on the link called "Back to main selection" at the end of the page you are in to return to the main selection for the industry format demo you are currently working with.
- If you want to browse the XML source in one of the pages that uses frames, then you should place your mouse on the frame where the XML is shown and press the right button. Select "This Frame >" in the context menu and select "View Frame Source" in the second one.
- If you find all the XML messages have been deleted from a demo, you can restore them by going into the Data Management portion of the demo, and selecting "Restore"
- You may wonder why the raw XML for SVG and MISMO is not displayed by the browser. That's because these formats include markup that browsers understand, e.g., through namespaces, or HTML. Moreover the MISMO examples contain digital signatures.