

## RSB XML Support - Tasks #461

### XML/XOP Support [Python]

07/31/2011 11:19 PM - J. Moringen

|                        |             |                        |            |
|------------------------|-------------|------------------------|------------|
| <b>Status:</b>         | Resolved    | <b>Start date:</b>     | 07/31/2011 |
| <b>Priority:</b>       | Normal      | <b>Due date:</b>       |            |
| <b>Assignee:</b>       | J. Moringen | <b>% Done:</b>         | 100%       |
| <b>Category:</b>       | Python      | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b> |             |                        |            |
| <b>Description</b>     |             |                        |            |

#### Associated revisions

##### Revision cf85607b - 07/31/2011 11:23 PM - J. Moringen

Initial import of RSB Python XML/XOP support

refs #461

- python/: initial pieces of XML/XOP support for Python

##### Revision fcb38af3 - 08/02/2011 03:20 AM - J. Moringen

Removed spread in setup.py, added test/\_\_init\_\_.py

refs #461

- setup.py: removed configuration and launch of Spread daemon from test and coverage targets
- test/\_\_init\_\_.py: new file; contains root unit test suite

##### Revision e3fe878e - 08/02/2011 03:33 AM - J. Moringen

Added initial unit tests in test/xop.py

refs #461

- test/\_\_init\_\_.py: load XOP test suite from xop module
- test/xop.py: new file; contains unit tests for the xop module

##### Revision 91dfc401 - 08/02/2011 04:54 AM - J. Moringen

Initial conversion of XOP packages in rsbxml/xop.py

refs #461

- rsbxml/xop.py: implemented serialize and deserialize methods of XOPConverter
- test/xop.py: added test suite XOPConverterTest with test cases for XOPConverter.serialize and XOPConverter.deserialize

##### Revision c76210d9 - 08/02/2011 05:00 AM - J. Moringen

Changed wire-type to bytearray in rsbxml/xop.py

refs #461

- rsbxml/xop.py: changed wire-type of XOPConverter to bytearray

##### Revision 763ff877 - 08/02/2011 05:14 AM - J. Moringen

Try to force converter registration in rsbxml/xop.py

refs #461

- rsbxml/xop.py: recreate default participant configuration to force

inclusion of the newly registered converter

#### **Revision 1fc44a91 - 08/02/2011 05:15 AM - J. Moringen**

Try to force converter registration, again in rsbxml/xop.py

refs #461

- rsbxml/xop.py: last commit did not import rsb before messing with default participant config

#### **Revision 65de5bf4 - 08/05/2011 05:17 AM - J. Moringen**

Improved Package and Part classes in rsbxml/xop.py

refs #461

- rsbxml/xop.py: fixed printing, XML parsing and XML unparsing of Package class; fixed printing of Part; implemented approximately working serialization and deserialization in XOPConverter class

### **History**

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#### **#1 - 07/31/2011 11:19 PM - J. Moringen**

- *Project changed from Robotics Service Bus to RSB XML Support*
- *Category changed from Python to Python*

#### **#2 - 07/31/2011 11:24 PM - J. Moringen**

- *% Done changed from 0 to 30*

#### **#3 - 08/05/2011 05:18 AM - J. Moringen**

- *% Done changed from 30 to 70*

#### **#4 - 01/31/2012 12:18 PM - S. Wrede**

- *Target version deleted (rsb-0.10)*

#### **#5 - 06/08/2016 01:01 PM - J. Moringen**

- *Subject changed from XML/XOP Support to XML/XOP Support [Python]*

#### **#6 - 06/08/2016 01:03 PM - J. Moringen**

- *Status changed from New to Resolved*
- *% Done changed from 70 to 100*