Robotics Service Bus - Bug #1071
Tutorial "Sending Data" creates error report

07/11/2012 10:11 AM - Anonymous

Status:	Resolved		**Start date:**	07/11/2012
Priority:	Normal		**Due date:**	
Assignee:	J. Wienke		**% Done:**	100%
Category:	Python		**Estimated time:**	0.00 hour
Target version:	rsb-0.7			

Description

After copying the example in eclipse and run it, the following error report appears.

```
Traceback (most recent call last):
  File "/home/nao/workspace/Test/src/root/nested/RSBTest.py", line 10, in <module>
    informer = createInformer("/example/informer", dataType=str)
  File "/usr/local/lib/python2.6/dist-packages/rsb_python-0.7.0.31-py2.6.egg/rsb/__init__.py", line 1459, in createInformer
    return Informer(Scope.ensureScope(scope), dataType, config)
  File "/usr/local/lib/python2.6/dist-packages/rsb_python-0.7.0.31-py2.6.egg/rsb/__init__.py", line 1204, in __init__
    connectors = self.getConnectors('out', config)
  File "/usr/local/lib/python2.6/dist-packages/rsb_python-0.7.0.31-py2.6.egg/rsb/__init__.py", line 1140, in getConnectors
    import rsb.transport.socket
  File "/usr/local/lib/python2.6/dist-packages/rsb_python-0.7.0.31-py2.6.egg/rsb/transport/socket/__init__.py", line 38, in <module>
    import rsb.transport.conversion as conversion
  File "/usr/local/lib/python2.6/dist-packages/rsb_python-0.7.0.31-py2.6.egg/rsb/transport/conversion.py", line 40, in <module>
    from rsb.protocol.EventId_pb2 import EventId
  File "/usr/local/lib/python2.6/dist-packages/rsb_python-0.7.0.31-py2.6.egg/rsb/protocol/EventId_pb2.py", line 11, in <module>
    DESCRIPTOR = descriptor.FileDescriptor(
AttributeError: 'module' object has no attribute 'FileDescriptor'
```

Associated revisions

Revision 56542dad - 07/11/2012 12:00 PM - J. Wienke

try to include the original proto files in the sdist archive so that users of the package can compile them on their own with their respective protoc version.

refs #1071

History

#1 - 07/11/2012 10:31 AM - J. Wienke

- Description updated

- Status changed from New to In Progress

- Assignee set to J. Wienke

- Target version set to rsb-0.7

Somehow there seems to be a binary distribution of rsb-python on the pypi server, which is bound to a specific protocol buffers version. We only want source distributions on the pypi. I will try to find out how it got there.

#2 - 07/11/2012 10:34 AM - J. Wienke

Ok, it gets a bit more complicated. The thing is that the generated protobuf files are included in the source distribution. This is the actual problem with older protobuf versions, where the general python library might not be compatible with the generated ones. I will have to include the protocol files directly in the source distribution and afterwards invoke the protubuf compiler for client of the package again.

#3 - 07/11/2012 01:42 PM - J. Wienke

- % Done changed from 0 to 100

This should work now again, but you need to force easy_install or pip to upgrade the existing installation. Otherwise, no new file is fetched from the server.

#4 - 07/11/2012 01:42 PM - J. Wienke

- Status changed from In Progress to Resolved