

Robotics Service Bus - Bug #2616

Inconsistency in MetaData __str__ function and actual field names

07/18/2016 04:21 PM - N. Köster

Status:	Resolved	Start date:	07/18/2016
Priority:	Normal	Due date:	
Assignee:	J. Moringen	% Done:	100%
Category:	Python	Estimated time:	0.00 hour
Target version:	rsb-0.15		

Description

There is an inconsistency in the __str__ function of the MetaData class and the naming of the actual field of the class.

Example:

```
In [1]: import rsb
```

```
In [2]: a=rsb.Event()
```

```
In [3]: print a
```

```
Event[id = None, scope = 'Scope[/', data = 'None', type = '<type 'object'>',  
method = 'None', metaData = MetaData[create = 1468851183.69, send = None,  
receive = None, deliver = None, userTimes = {}, userInfos = {}], causes = []]
```

```
In [4]: a.metaData.create
```

```
-----  
AttributeError                                Traceback (most recent call last)  
<ipython-input-4-a56d9880b1f7> in <module>()  
----> 1 a.metaData.create
```

```
AttributeError: 'MetaData' object has no attribute 'create'
```

```
In [5]: a.metaData.send
```

```
-----  
AttributeError                                Traceback (most recent call last)  
<ipython-input-5-3f713903c3a3> in <module>()  
----> 1 a.metaData.send
```

```
AttributeError: 'MetaData' object has no attribute 'send'
```

```
In [6]: a.metaData.createTime
```

```
Out[6]: 1468851183.694944
```

This behaviour is unexpected and might confuse users. The easy fix is to use the actual field name in the __str__ function. Patch attached.

Refs:

[line with issue](#)

[API](#)

Associated revisions

Revision 9e571e21 - 07/19/2016 10:40 AM - N. Köster

Fix inconsistent MetaData.__str__ method in rsb/__init__.py

fixes #2616

- rsb/__init__.py (MetaData.__str__): in output text, changed {create,send,receive,deliver} -> {create,send,receive,deliver}Time

Signed-off-by: Jan Moringen <jmoringe@techfak.uni-bielefeld.de>

History

#1 - 07/18/2016 04:21 PM - N. Köster

- *Category set to Python*

#2 - 07/19/2016 10:41 AM - J. Moringen

- *Assignee set to J. Moringen*
- *Target version set to rsb-0.15*

#3 - 07/19/2016 10:50 AM - N. Köster

- *Status changed from New to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset commit:rsb-python|9e571e21bb02acc09303f75dcbe04aa6167a832e.

Files

rsb.metadata-naming-inconsistencies.patch	880 Bytes	07/18/2016	N. Köster
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