

Robotics Systems Types - Bug #728

python sandbox unusable with includes

11/22/2011 11:22 AM - J. Wienke

Status:	Resolved	Start date:	11/22/2011
Priority:	High	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			

Description

```
>>> from rstsandbox.geometry.Pose_pb2 import Pose
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "build/bdist.linux-x86_64/egg/rstsandbox/geometry/Pose_pb2.py", line 10, in <module>
ImportError: No module named Translation_pb2
```

If you look at the generated code you see absolute includes:

```
# Generated by the protocol buffer compiler. DO NOT EDIT!
```

```
from google.protobuf import descriptor
from google.protobuf import message
from google.protobuf import reflection
from google.protobuf import descriptor_pb2
# @@protoc_insertion_point(imports)
```

```
import rst.geometry.Translation_pb2
import rst.geometry.Rotation_pb2
```

```
DESCRIPTOR = descriptor.FileDescriptor(
  name='rst/geometry/Pose.proto',
  package='rst.geometry',
```

```
  serialized_pb='\n\x17rst/geometry/Pose.proto\x12\x0crist.geometry\x1a\x11rst/geometry/Translation.proto\x1a\x11rst/geometry/Rotation.proto\n\n\x04Pose\x12\n\x0btranslation\x18\x01\n\x02(\x0b\x32\x19.rst.geometry.Translation\x12(\n\x08rotation\x18\x02\n\x02(\x0b\x32\x16.rst.geometry.RotationB\nB\x08PoseType')
```

So we need to somehow have all includes without the rst-prefix to work in this rst vs. rstsandbox module distinction in python or remove the separate sandbox module again in python... both solution are not nice.

Jan, any idea on this?

Associated revisions

Revision 31a9deec - 11/22/2011 03:47 PM - J. Wienke

Integrate a hack to load the sandbox modules into the rsb module for being able to resolve names. Proposed by Jan

History

#1 - 11/22/2011 12:29 PM - J. Moringen

Can't we copy submodules and classes from the rstsandbox module into the dictionary of the rst module when rstsandbox is imported?

#2 - 11/22/2011 12:53 PM - J. Wienke

Do you see a solution how this can be done easily? I need it within the next hour ;)

#3 - 11/22/2011 03:50 PM - J. Wienke

- *Status changed from New to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset r173.