



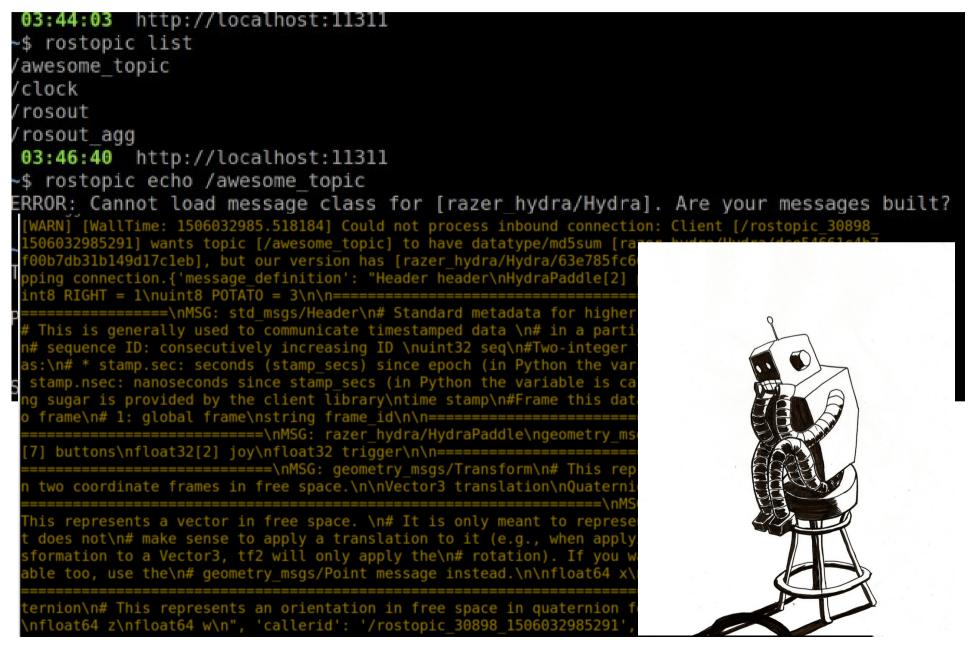
Hey robot, talk to me

03:44:03 http://localhost:11311
~\$ rostopic list
/awesome_topic
/clock
/rosout_agg
03:46:40 http://localhost:11311
~\$ rostopic echo /awesome_topic
ERROR: Cannot load message class for [razer_hydra/Hydra]. Are your messages built?
03:46:44 http://localhost:11311
~\$ rostopic info /awesome_topic
Type: razer_hydra/Hydra
Publishers:

* /rostopic_6214_1506015994964 (http://xpssam:37756/)

Subscribers: None

Hey robot, talk to me



make_ws_from_all_publishers.py

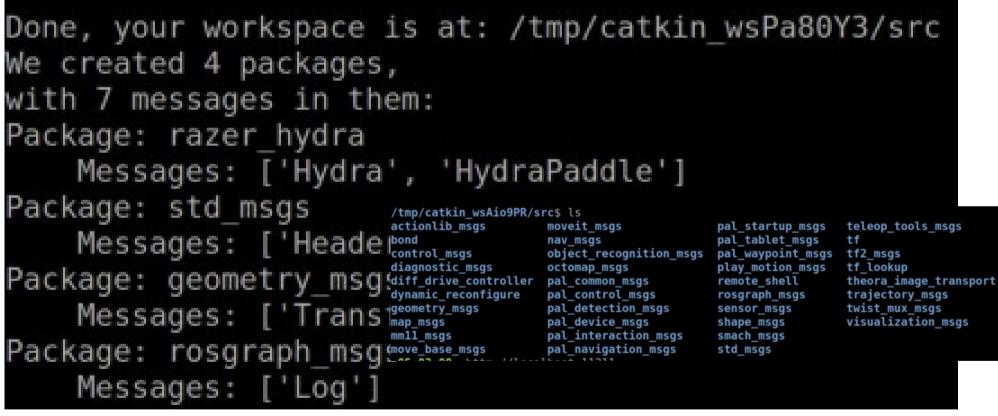
07:48:49 http://localhost:11311 -/solve my problems\$ git clone https://github.com/uts-magic-lab/message thief Cloning into 'message thief'... remote: Counting objects: 27, done. remote: Compressing objects: 100% (14/14), done. remote: Total 27 (delta 12), reused 27 (delta 12), pack-reused 0 Unpacking objects: 100% (27/27), done. Checking connectivity... done. 07:48:52 http://localhost:11311 ~/solve_my_problems\$ cd message thief/ 07:48:54 http://localhost:11311 (master) ~/solve my problems/message thief\$ ls get_all_runtime_msgs.py make_ws_from_topic_publisher.py recreate_msgs.py make_ws_from_all_publishers.py README.md steal msg from pub.py 07:48:55 http://localhost:11311 (master) ~/solve my problems/message thief\$./make ws from all publishers.py

make_ws_from_all_publishers.py

```
Done, your workspace is at: /tmp/catkin wsPa80Y3/src
We created 4 packages,
with 7 messages in them:
Package: razer hydra
   Messages: ['Hydra', 'HydraPaddle']
Package: std msgs
   Messages: ['Header']
Package: geometry msgs
   Messages: ['Transform', 'Vector3', 'Quaternion']
Package: rosgraph msgs
   Messages: ['Log']
```

07:49:22 http://localhost:11311 (master)
~/solve_my_problems/message_thief\$ ls /tmp/catkin_wsPa80Y3/src
geometry_msgs razer_hydra rosgraph_msgs std_msgs

make_ws_from_all_publishers.py



07:49:22 http://localhost:11311 (master)
~/solve_my_problems/message_thief\$ ls /tmp/catkin_wsPa80Y3/src
geometry_msgs razer_hydra rosgraph_msgs std_msgs

get_all_runtime_msgs.py

~/solve my problems/message thief\$./get all runtime msgs.py Getting currently listening topics and their types... Found 2 listening topics. Getting currently published topics and their types... Found 3 topics. Merging both topics lists... Found 4 total topics. Found 0 posible action servers... Confirmed 0 action servers. Found 35 messages used. Found 3 message packages to be fetch. We found 36 message files that we directly depend. We are sure that 39 message files are depended. Getting current services... Found 9 services. Found 3 service messages used. Found 3 service message packages to be fetch. Found we need 4 messages for the services. Adding to what we had, now found we need 42 message files. We looped 2 times to find more messages... Final resume: We'll generate 10 packages. With 71 msg definition files. And 3 srv service definition files. And 0 action definition files.

get_all_runtime_msgs.py

| <pre>~/solve_my_problems/message_thief\$./get_all_runtime_msgs.py</pre> | |
|--|---------------------------------------|
| Getting currently listening topics and their types | |
| Found 2 listening topics. | |
| Getting currently published topics and their types | |
| Found 3 topics. | |
| Merging both topics lists | |
| Found 4 total topics. | |
| Found 0 posible action servers | |
| Confirmed 0 action servers. | Final resume: |
| Found 35 messages used. | |
| Found 3 message packages to be fetch. | We'll generate 49 packages. |
| We found 36 message files that we directly depend. | With 199 msg definition files. |
| We are sure that 39 message files are depended. | And 100 srv service definition files. |
| Getting current services | And 19 action definition files. |
| Found 9 services. | |
| Found 3 service messages used. | |
| Found 3 service message packages to be fetch. | |
| Found we need 4 messages for the services. | |
| Adding to what we had, now found we need 42 message files. | |
| We looped 2 times to find more messages | |
| | |
| Final resume: | |
| | |
| We'll generate 10 packages. | |
| With 71 msg definition files. | |
| And 3 srv service definition files. | |
| And O action definition files. | |
| <pre>~/solve_my_problems/message_thief\$ ls /tmp/catkin_wsV7SMbg/src, geometry_msgs object_recognition_msgs roscpp sensor_</pre> | |

rosgraph msgs

moveit_msgs

razer hydra

shape_msgs

trajectory_msgs

ROS Message thief

https://github.com/uts-magic-lab/message_thief

I'm Sammy Pfeiffer Github: awesomebytes

