ROS Message thief

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Hey robot, talk to me

03:44:03 http://localhost:11311
~$ rostopic list
/awesome_topic
/clock
/rosout
/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
Problem solved

make_ws_from_all_publishers.py
Problem solved
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']

~/solve_my_problems/message_thief$ ls /tmp/catkin_wsPa80Y3/src
geometry_msgs  razer_hydra  rosgraph_msgs  std_msgs
Problem solved
make_ws_from_all_publishers.py
Problem solved 2

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...

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Final resume:
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We'll generate 10 packages.
With 71 msg definition files.
And 3 srv service definition files.
And 0 action definition files.
Problem solved 2

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 possible 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 49 packages.
With 199 msg definition files.
And 100 srv service definition files.
And 19 action definition files.

~/solve_my_problems/message_thief$ ls /tmp/catkin_wsV7SMbg/src/
geometry_msgs  object_recognition_msgs  roscpp  sensor_msgs  std_msgs
moveit_msgs  razer_hydra  rosgraph_msgs  shape_msgs  trajectory_msgs
ROS Message thief

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

I'm Sammy Pfeiffer
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