

RSBag - Support #2168

Bag-cat sometimes doesnt output data when scope ends with /

02/06/2015 04:17 PM - C. Emmerich

Status:	Rejected	Start date:	02/05/2015
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			

Description

When trying to display data of scope /flexirob/lwr/status/collision in the attached .tide file with bag-cat, the outcome depends on whether I put a '/' at the end of the scope or not. That is,

```
/vol/toolkit/nightly/trusty/x86_64/last/bin/bag-catcl0.12 -c /flexirob/lwr/status/collision -l  
/vol/flexirob/releases/nightly/share/rst0.12/proto/stable/rst/robot/RobotCollision.proto -l  
/vol/flexirob/releases/nightly/share/rst0.12/proto/stable/ -l /vol/flexirob/releases/nightly/share/rst0.12/proto/sandbox/  
/vol/flexirob/WeihuiTest/experiment_christian/trainedNetworks/Towers/ELM1/towers3.tide
```

outputs the following as expected,

```
...  
#<ROBOT-COLLISION {100E0EA4D3}>  
Kind      : EXTERNAL  
Collision-Detail: #<OBJECT-COLLISION {100E0EA513}>  
Geometry: #<COLLISION-GEOMETRY {100E0EA563}>  
Contact-Points: <empty sequence>  
Object-1: "lwr_link3"  
Object-2: "tower"  
...
```

but adding a '/' to the end of the scope

```
/vol/toolkit/nightly/trusty/x86_64/last/bin/bag-catcl0.12 -c /flexirob/lwr/status/collision/ -l  
/vol/flexirob/releases/nightly/share/rst0.12/proto/stable/rst/robot/RobotCollision.proto -l  
/vol/flexirob/releases/nightly/share/rst0.12/proto/stable/ -l /vol/flexirob/releases/nightly/share/rst0.12/proto/sandbox/  
/vol/flexirob/WeihuiTest/experiment_christian/trainedNetworks/Towers/ELM1/towers3.tide
```

results in an empty/no output.

Is that a bug? Do I anything wrong? Or is this expected behavior?

History

#1 - 02/06/2015 05:16 PM - J. Moringen

- Status changed from New to Rejected

The bag tools use regular expressions which can match any substring to select channels. In this case the, channel name is /flexirob/lwr/status/collision s/:.rst.robot.RobotCollision. Therefore:

```
match "/flexirob/lwr/status/collision" "/flexirob/lwr/status/collisions/:.rst.robot.RobotCollision"
=> substring match      ~~~~~
match "/flexirob/lwr/status/collision/" "/flexirob/lwr/status/collisions/:.rst.robot.RobotCollision"
=> mismatch             ~~~~~^
```

#2 - 02/09/2015 02:05 PM - C. Emmerich

Stupid me... Thx!

Files

towers3.tide	30.8 MB	02/06/2015	C. Emmerich
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