

Steps to run the Acrobat

1) In Matlab

A) Run "addpath -drake"

B) In the lcm installation folder, run "javaaddpath lcm.jar"

C) In the AcrobatDemo/LCMTypes folder, run "javaaddpath acrobot-types.jar"

2) On the command line

A) Export LCM Types:

i) "export CLASSPATH=/home/Desktop/AcrobotDemo/LCMTypes/acrobot-types.jar"

ii) "export PYTHONPATH=/home/Desktop/AcrobotDemo/LCMTypes/acrobot-types"

B) Start programs

i) .. /Pendulum/GallComm/GallComm 10.66.67.210 acrobot-out acrobot-in

ii) Sensor Accumulator / Sensor Accumulator

iii) CommandDispatch / CommandDispatch

*iv) JoystickCom / JoystickComm

3) Run the Estimator and Controller

A) Open two instances of Matlab

B) Run

i) stateEstimator.m

ii) runEstimatorControl.m