#! /usr/bin/env python

PACKAGE='urg\_node'

from dynamic\_reconfigure.parameter\_generator\_catkin import \*

from math import pi

gen = ParameterGenerator()

# Name Type Reconfiguration level Description Default Min Max

gen.add("tf\_prefix", str\_t, 0, "tf\_prefix for this node's output.", "")

gen.add("frame\_id", str\_t, 0, "Output frame\_id for the laserscan.", "laser")

gen.add("time\_offset", double\_t, 0, "A manually calibrated offset (in seconds) to add to the timestamp before publication of a message.", 0.0, -10.0, 10.0)

gen.add("angle\_min", double\_t, 1, "Controls the angle of the first range measurement in radians.", -pi, -pi, pi)

gen.add("angle\_max", double\_t, 1, "Controls the angle of the last range measurement in radians.", pi, -pi, pi)

gen.add("cluster", int\_t, 1, "The number of adjacent range measurements to cluster into a single reading.", 1, 1, 99)

gen.add("skip", int\_t, 1, "The number of input messages to skip between each output message.", 0, 0, 9)

exit(gen.generate(PACKAGE, "urg\_node", "URG"))