#include "/usr/include/rc\_usefulincludes.h"

#include "/usr/include/roboticscape.h"

int main(int argc, char \*argv[]){

double servo\_pos;

int frequency\_hz = 50; // default 50hz frequency to send pulses

int servo;

int toggle;

servo = atoi(argv[1]);

servo\_pos = atof(argv[2]);

if(rc\_initialize()){

fprintf(stderr,"ERROR: failed to run rc\_initialize(), are you root?\n");

return -1;

}

rc\_enable\_servo\_power\_rail();

while(rc\_get\_state()!=EXITING){

rc\_send\_servo\_pulse\_normalized(servo, servo\_pos);

rc\_set\_led(GREEN, toggle);

toggle = !toggle;

rc\_usleep(1000000/frequency\_hz);

}

rc\_cleanup();

return 0;

}