



07 April 2019 21:16

Component	Commands
Connecting to Udoo Wired	ssh pegasus@192.168.1.10 password: Banana
Connecting to Udoo Andy Wifi	ssh pegasus@192.168.0.147 password: Banana
Changing Udoo network	sudo nmcli c sudo nmcli c up <network name> sudo nmcli c down <network name>
Copy to Udoo	scp -r ./src pegasus@192.168.0.147:~/master
Copy from Udoo	scp -r pegasus@192.168.0.147:~/master/src ./
Making a python file executable	<ul style="list-style-type: none"> • sudo chmod +x <file_path>
Tennis Ball tracking	<ul style="list-style-type: none"> • roslaunch pegasus_nav track_marker.launch <ul style="list-style-type: none"> • Press "s" to set match value when no tennis ball is in view
GPS map overlay	<ul style="list-style-type: none"> • sudo chmod 666 /dev/ttyACM0 • rosrn nmea_navsat_driver nmea_serial_driver • roslaunch launch mapviz.launch <p>This is now included in peggy_configuration</p> <ul style="list-style-type: none"> • roslaunch launch mapinitialise.launch • roslaunch launch peggy_configuration.launch
Test kinect camera	<ul style="list-style-type: none"> • cd libfreenect2/build • ./bin/Protonect
Kinect	<ul style="list-style-type: none"> • roslaunch pegasus_nav kinect.launch
Autonomous	<ul style="list-style-type: none"> • roslaunch launch mapinitialise.launch • roslaunch launch peggy_configuration.launch
Assign USB device names	<ul style="list-style-type: none"> • http://hintshop.ludvig.co.nz/show/persistent-names-usb-serial-devices/ • udevadm info -a -n /dev/ttyUSB1 grep 'serial' head -n1 • Add this to /etc/udev/rules.d/99-usb-serial.rules <ul style="list-style-type: none"> • SUBSYSTEM=="tty", ATTRS{idVendor}=="xxxx", ATTRS{idProduct}=="xxxx", ATTRS[serial]=="xxxx", SYMLINK+="xxxx"