



Kyrgyzstan Spot Micro-Module Desktop

Our group wanted to create a fully functional robot similar to the Boston Dynamics Spot robot dog, using robotics concepts, electronics, and coding. The robot features a main body, with 4 legs...

Files, instructions, and other stuff might change! The first milestone was done in 2020, which was designing and finalizing all parts necessary for the build of my personal SpotMicro ...

Armed with a foundation designed for controlling robots, Mike ...

Furthermore it has at least some backwards/forward compatibility to the original KDY0523 Spotmicro (eg. the whole legs-assembly fits the original SpotMicro and vice-versa). You can also download my ...

It simulates the locomotion of spot, a quadruped robot. The state space include the angles, velocities and torques for all the motors and the action space is the desired motor angle for each motor.

Supporting libraries provide additional capabilities, such as mapping through SLAM and a body mounted lidar. The software is implemented on a Raspberry Pi 3B running Ubuntu 16.04 with ROS Kinetic ...

Data-efficient novel reinforcement learning method that seeks to deliver a robust and universally controllable gait without contact or environment sensing. Built with a Pybullet environment (a...

This project is the source code for a Spot Micro quadruped, a 4 legged open source robot. This code is capable of keyboard control of a spot micro robot with sit, stand, angle command, and walk ...

Armed with a foundation designed for controlling robots, Mike developed the fundamental code required to make Spot Micro move around. It's abstracted in such a way that you don't need to delve into all ...

Based on the increasingly popular Spot Micro design, I made a branch of it, to to improve a few points: Thanks to the self tapping screws change, no more gluing of any part! If you'd like to ...

This guide provides instructions for setting up and running the Spot Micro quadruped robot platform. It covers software installation, hardware connections, and basic operation commands ...



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Web: <https://maxtools.co.za>

