

SUMMARY

JdeRobot-Academy is a ROS-based framework for teaching robotics at engineering university degrees in a practical way. It is open source and multiplatform (Linux, Windows, MacOS), and it consists of a collection of exercises similar to the new robotic applications, for each of which an academic application has been created which combines a hidden infrastructure part that performs all the auxiliary tasks like graphical interface, connection to the sensors and actuators, etc. and the student's part, who can focus on the perception and control algorithms simply filling a form file with the robot logic.