

Robotics- ROS Assignment 3

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Identify the two ROS based autonomous Robots apart from the Turtlebot family and Write about it.

1) TIAGo++



TIAGo++ is a service robot designed to work in indoor environments. TIAGo++ features make it the ideal platform for research, especially in the ambient assisted living or light industry where ambidextrous tasks are required. It combines mobility, perception, manipulation and human-robot interaction capabilities for one specific goal: to be able to assist in research.

2) Ned



Ned is a collaborative and open source 6-axis robot made in France for Higher education, Vocational training, R&D laboratories. Its use is particularly adapted to study robotics and programming in the context of the industry 4.0. Ned is the second manipulator robot developed by Niryo, after the Niryo One, bringing up improvements: The whole ROS architecture has been redesigned in order to make Ned more adaptive, Ned's mechanical structure relies on aluminum parts, that makes it more robust, New EasyConnect system for easy tool changes.