Introducing the New turtle

Jihoon Lee, Yujin Robot
TurtleBot1

Great!
TurtleBot1

Great!

- Open source
- Easy to customize
- Low-cost
TurtleBot1

- H/W limitation
- No Active Maintainer
- No Github
- Distribution

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Introduces the NEW Turtle

TurtleBot 2™
What are the improvements?

- New software
- New Mobile base
- Reshaped Community
Yujin Robot's iClebo Kobuki

1. Long operation time (3/7 hrs)

2. Precise odometry (built-in gyro)

3. Flexibility (Multiple Power-source)
Yujin Robot’s iClebo Kobuki
Software

- Newly maintained on GitHub
- Active Development
- Active Maintainer

https://github.com/turtlebot

http://www.ros.org/wiki/Ros/Robots/TurtleBot
Software - Android

- All apps are rebuilt with up-to-date version of rosjava
- All apps are available in google play
- Search for OSRF and Yujinrobot for up-to-date version of apps
Software - TurtleBot ISO

- Expected Soon!

- Thanks to Bill for huge amount work of handling all complexity of ISO creation
Community

New Players!!

- Encourage community contributions
- Integrate contributions into the official base
- Do the dirty and boring, but necessary jobs

Looking for another new players!

ros-sig-turtlebot@googlegroups.com
In Future - Expected in Hydro

- New Android app framework
- TurtleBot Web
- TurtleBot Simulation
- Multi-Robot framework
More Information

- ROS wiki: http://www.ros.org/wiki/Robots/TurtleBot
- Github: https://github.com/turtlebot
- TurtleBot SIG: ros-sig-turtlebot@googlegroups.com
- TurtleBot website: http://www.turtlebot.com
- iClebo Kobuki: http://kobuki.yujinrobot.com