ROS Industrial   11/25/2019

Q: HOW IS ROS-I DIFFERENT THAN ROS?

A: ROS-I builds on ROS by adding Unified Robot Description Formats (URDFs), interface libraries (drivers), and capabilities (packages) that are useful to manufacturing automation. ROS-I relies on the ROS core and is fully compatible with "all things ROS." Besides industrial interoperability, ROS-I focuses on code quality and reliability, because those aspects are important to the manufacturing automation world. To that end, ROS-I includes automatic code quality metrics that inform users and developers about the state of maturity of the code for a given package.

https://rosindustrial.org/about/faq

Vendor Specific Packages

The ROS-Industrial distribution contains metapackages for several industrial vendors. More information can be found on the supported hardware page.

- ABB
- Fanuc
- Kuka (under development, experimental)
- Motoman
- Robotiq
- Universal Robots

http://wiki.ros.org/Industrial

ROS-Industrial is an open-source project that extends the advanced capabilities of ROS software to manufacturing.

https://rosindustrial.org/