
ROS-Industrial: Closing the gap between robotics research and industry

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 - Technology Seminar – ROS in Industrial Applications
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Potential of ROS Industrial

Robotics Research



- Unstructured and dynamic environments
- Variability of objects to be handled
- Typically little robustness and reliability required

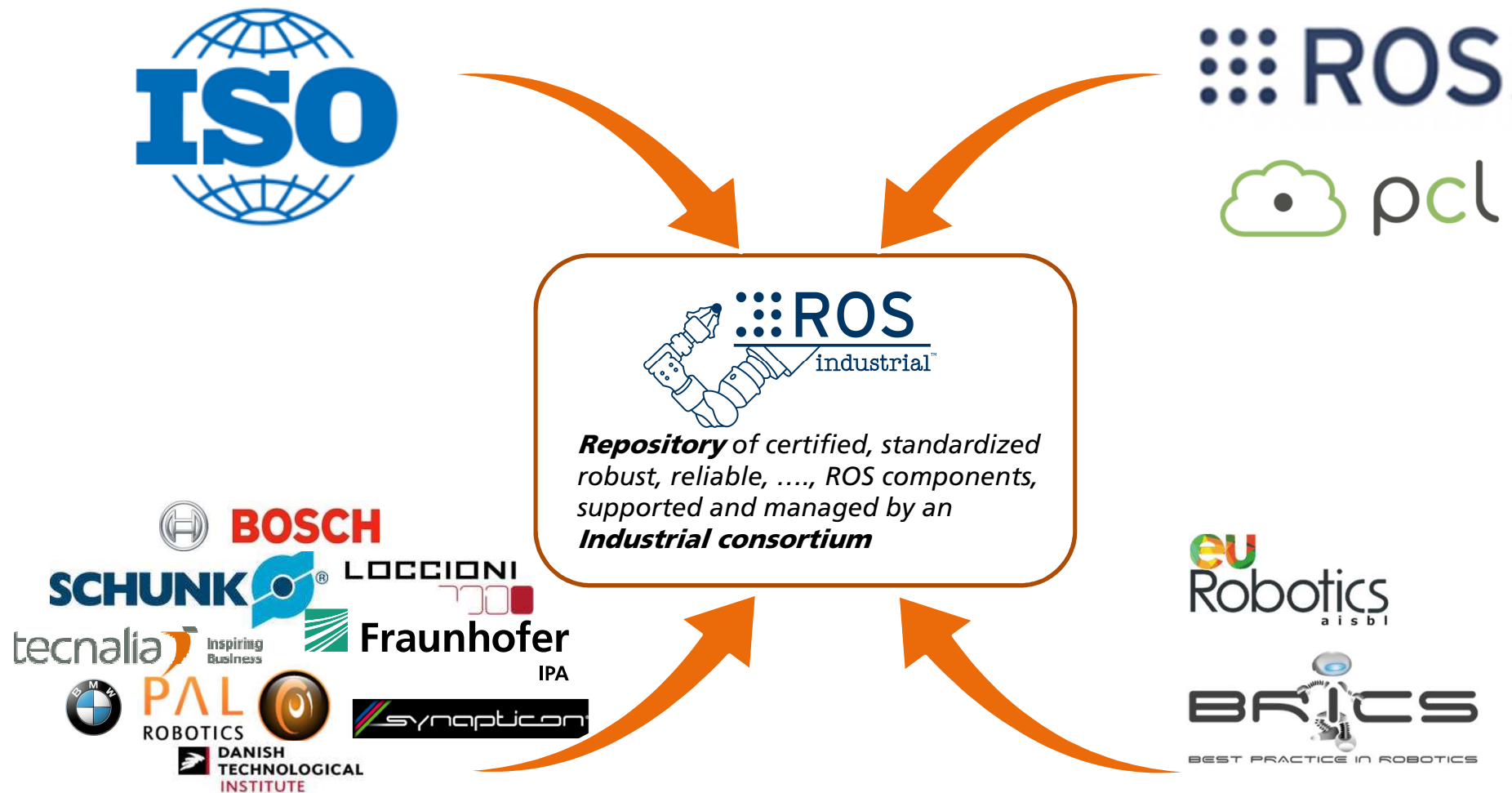


Robotics Industry



- Structured and fix environments
- Small set of different well-defined objects
- High Robustness and high reliability

What is ROS-Industrial (today)?



Available Hardware Support

(Technically) Available
in an alpha version:



- PLC Interfaces
 - Industrial Networks / Buses
 - Industrial HMIs
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- Interfaces to Industrial Robots
 - 2D/3D Sensor Drivers
 - Some I/O Devices (e.g. WAGO ethercat)

Still missing:



ROS Industrial Consortium



RIC-Asia

RIC-NA

RIC-EU

Outlook ROS-Industrial

