ROS-Industrial: Closing the Gap between Robotics Research and Industry Dipl.-Ing. Ulrich Reiser

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

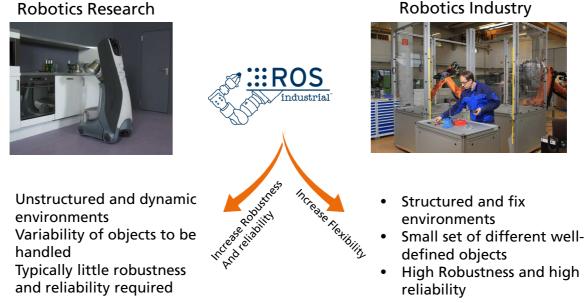
Dipl.-Ing. Ulrich Reiser

Technology Seminar – ROS in Industrial Applications



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Potential of ROS Industrial



Robotics Industry

IPA





What is ROS-Industrial (today)?



Available Hardware Support

(Technically) Available in an alpha version:



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

Still missing:

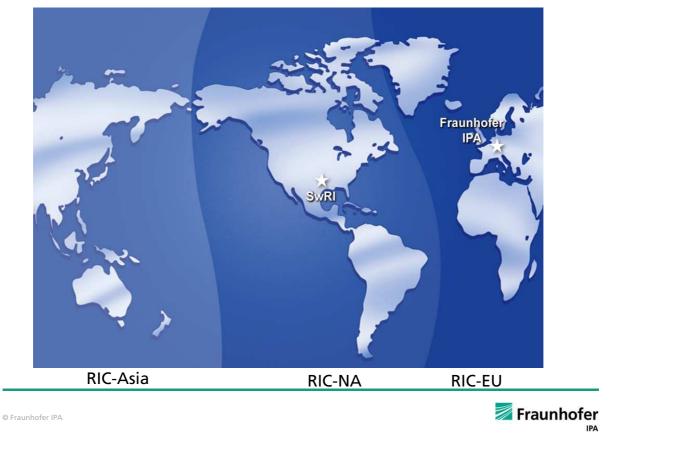




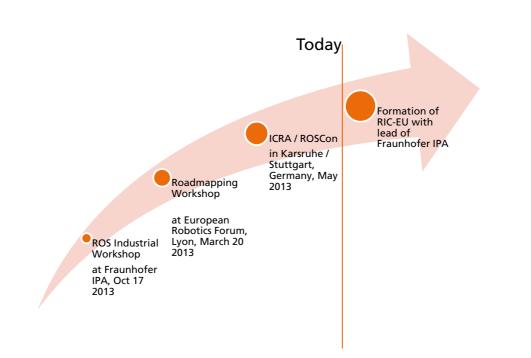


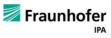


ROS Industrial Consortium



Outlook ROS-Industrial

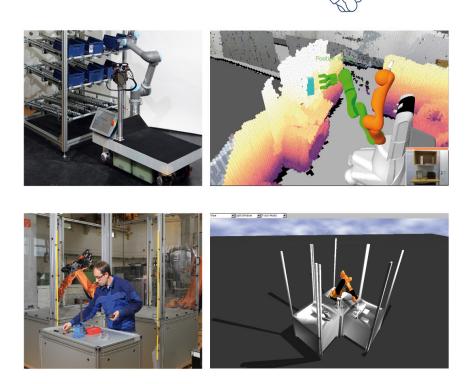






ROS IN DER INDUSTRIELLEN ANWENDUNG

ROS



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