

Hochschule Bonn-Rhein-SiegUniversity of Applied Sciences



Introduction to ROS

Foundation Course

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- 1. What is ROS?
- 1.1 What ROS is
- 1.2 What ROS is NOT





- 1. What is ROS?
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What ROS is

Robot Operating System

- Short for: Robot Operating System.
- A collection of libraries and tools.
- It helps software developers create robot applications.





What ROS is

Robot Operating System

- A way to standardize writing software for robots.
- It enhances code reusability
- ROS is open-source
- It is a meta-operating system.
- ROS can be installed on Ubuntu and Debian (so it's currently supported on Linux only).











- 1. What is ROS?
- 1.1 What ROS is
- 1.2 What ROS is NOT







What ROS is NOT

Robot Operating System

- It is NOT a programming language.
- It is NOT an integrated development environment (IDE).
- It is NOT a stand-alone operating system



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- 1.1 What ROS is
- 1.2 What ROS is NOT







Software Applications

work on



Different hardware





















