

A Gentle Introduction to ROS

ROS (Robot Operating System) is rapidly becoming a *de facto* standard for writing interoperable and reusable robot software. This book supplements ROS's own documentation, explaining how to interact with existing ROS systems and how to create new ROS programs using C++, with special attention to common mistakes and misunderstandings. The intended audience includes new and potential ROS users.

- ★ Installing ROS ★ Writing ROS programs ★
- ★ Publishing and subscribing ★
- ★ Generating log messages ★ Using launch files ★
- ★ Setting parameters ★ Calling services ★
- ★ Recording messages ★

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computer science // robotics

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