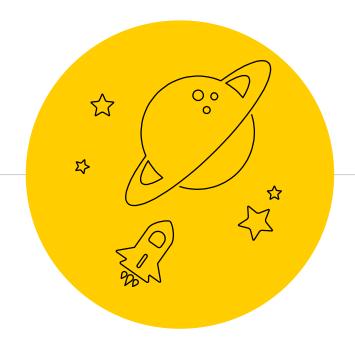


Introduction to ROS



ROS is huge

ROS is an open-source, meta-operating system for robots



ku.ac.ae











ROS goals:

- Provide a standard for robotic applications
- Use on any robot



- Basics
- Core functionalities

→ Program a new robot in no time!





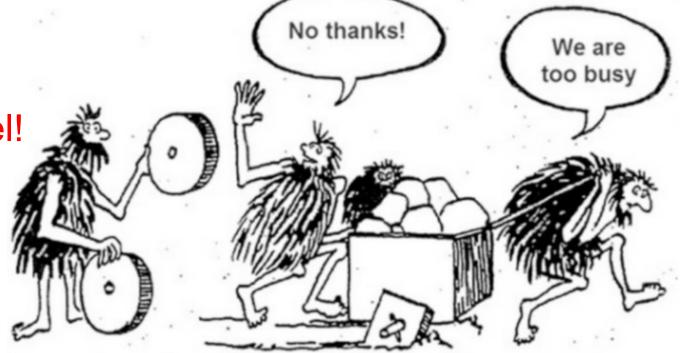


ROS goals:

Provide a **standard** for robotic applications

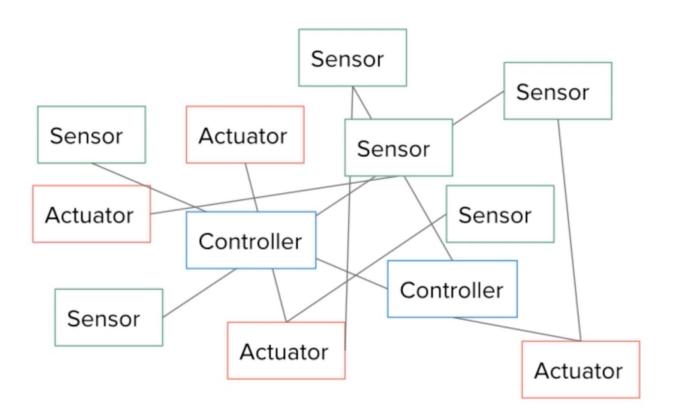
Use on any robot

Don't reinvent the wheel!





When to use ROS?







What is ROS?

Code separation and communication tools

Plug & Play libraries

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Camera



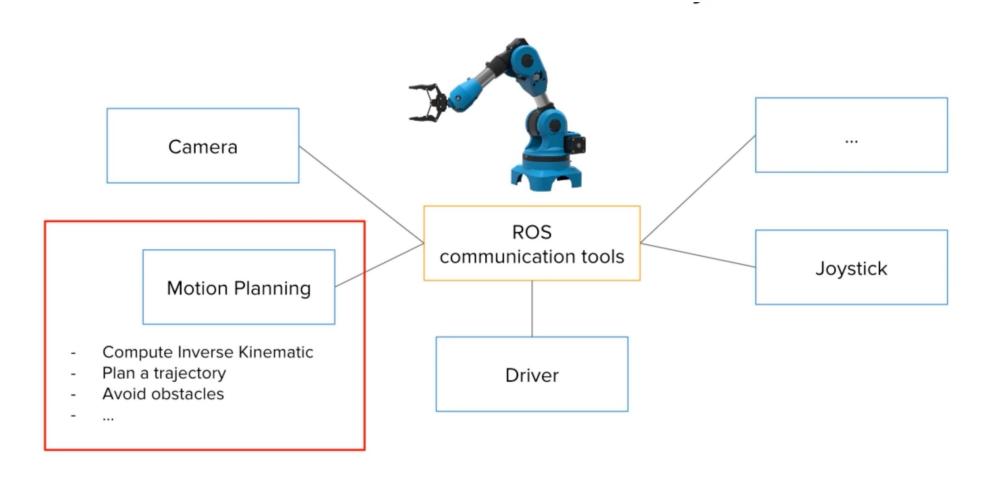
Motion Planning

Joystick

Driver

Code separation and communication tools

Plug & Play libraries



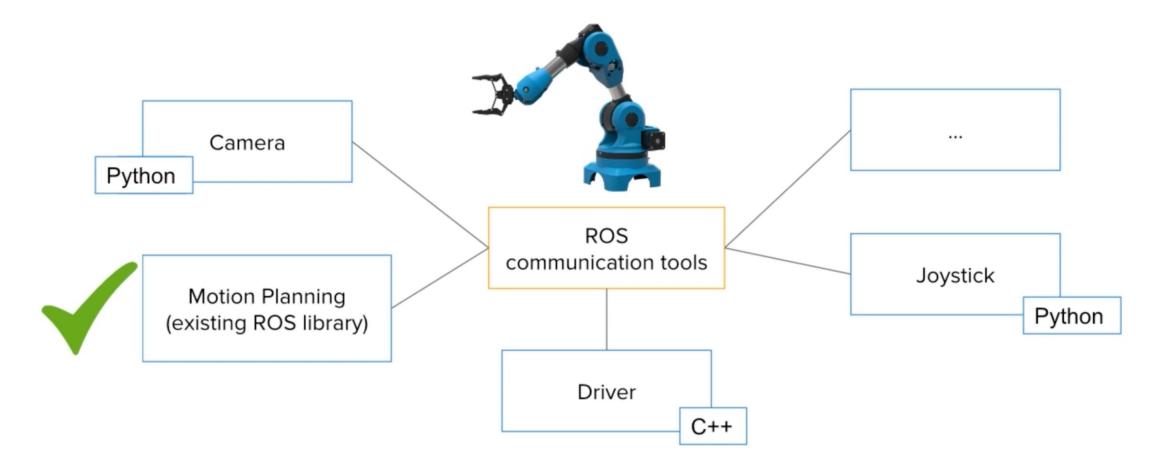
Code separation and communication tools

Plug & Play libraries



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- Open Source
- Active community

- Get some help
- Share your project
- Contribute

