Introduction to Robotics

CSCI/ATRI 4530/6530

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1. Announcements

2. A quick recap

3. For today - Computer Vision
Announcements
Announcements

• Assignment 1 will be announced on Monday
• Small part of Tuesday (09/04) will be ROS - so please bring your laptops on Tuesday
A quick recap
• What is a ROS Master Node?
• What is a ROS Master Node?
• Examples of ROS Nodes?
• What is a ROS Master Node?
• Examples of ROS Nodes?
• Examples of ROS Message Types
• What is a ROS Master Node?
• Examples of ROS Nodes?
• Examples of ROS Message Types
• Examples of ROS Topics
ROS - Nodes, Messages, and Topics

- What is a ROS Master Node?
- Examples of ROS Nodes?
- Examples of ROS Message Types
- Examples of ROS Topics
- Simple Publisher Node in Python?
Sensor Models

- What are the various sensors?
Sensor Models

- What are the various sensors?
- Contact sensors, Internal sensors, Proximity sensors, Visual sensors
Sensor Models

- What are the various sensors?
- Contact sensors, Internal sensors, Proximity sensors, Visual sensors
- Beam and scan based sensor model
For today - Computer Vision
Computer Vision

• See the attached EdX slides