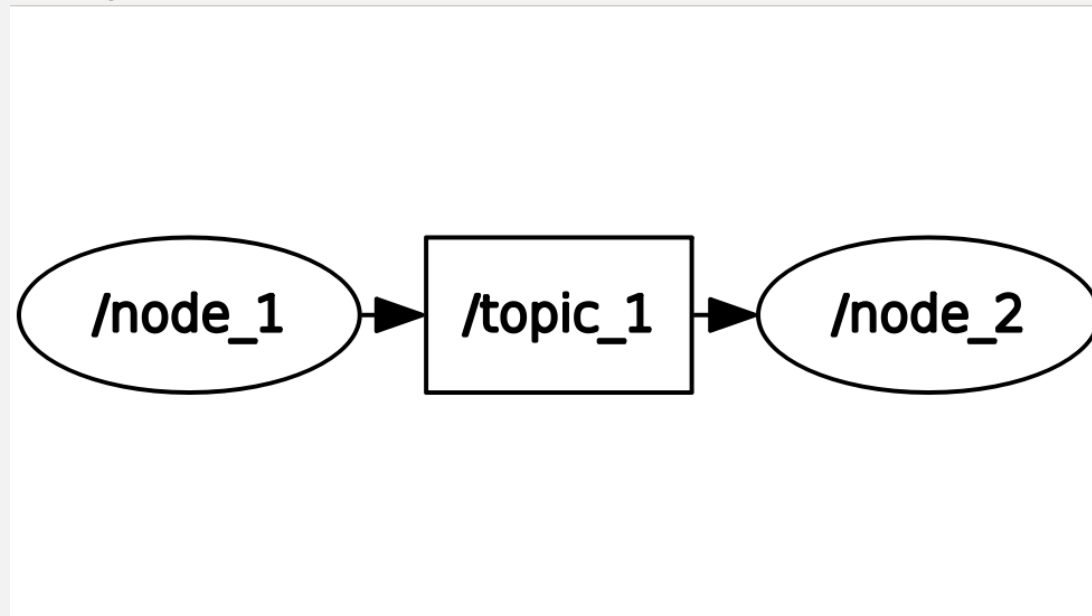


Week 1 | ROS Essentials

The background of the slide is a light yellow and white gradient. It features a faint, stylized illustration of a robotic arm with three joints, each holding a block. The first block is red with the number '1', the second is orange with the number '2', and the third is red with the number '3'. Below the arm, there are several blue blocks with the words 'HELLO' and 'WORLD' on them. In the bottom left corner, there is a logo consisting of a grid of dots followed by the text 'ROS'. The title 'Week 1 | ROS Essentials' is centered in a large, bold, black font.

Fundamental concepts

- ROS Nodes: Data/information processing software units
 - Python/C++, modularity in big projects.
- ROS Topics: Transport information between nodes.



In the real world...

- Lots of nodes and topics.
- Which nodes are talking to each other?
- What topics are being passed around between the nodes?