

The background features a light-colored illustration of a robotic arm with a camera head, positioned over a table. On the table are several blocks: a pink block labeled '1', a pink block labeled '2' on a circular base, a blue block labeled 'HELLO', a blue block labeled 'WORLD', a pink block labeled 'REAL 3', and a pink block labeled '3' on a circular base. In the bottom left corner, there is a logo for ROS (Robot Operating System) consisting of a grid of dots and the text 'ROS'.

3.0

# Recap - Inspection

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# Fundamental concepts

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

# ROS Inspection commands

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List currently running nodes on the terminal

```
$ rosnode list
```

List currently running topics on the terminal

```
$ rostopic list
```

Visual representation of the ROS “Node Graph”

```
$ rosrun rqt_graph rqt_graph
```

# rqt\_graph

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# ROS Inspection commands (2)

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Node specific information on the terminal

```
$ rosnode info <node_name>
```

Service specific information on the terminal

```
$ rosservice info <service_name>
```

Get the value of a specific ROS Parameter

```
$ rosparam get <parameter_name>
```