04. ROS 2 Launch, Param, Bag

Lecture

ROS 2 Launch

- · Launch multiple nodes
- Set arguments
- · Monitor running nodes
- · React on changes in the state of nodes
- Python, XML and YAML file formats

Usage

```
ros2 launch package_name file.launch
ros2 launch irob_robot dvrk_server.launch arm_typ:=PSM1
```

ROS 2 Parameters

- Configure nodes at startup or during runtime without changing the code
- · Associated with individual nodes
- · Consists of: key, value, descriptor
- Available data types: bool, int64, float64, string, byte[], bool[], int64[], float64[] or string[].
- Useful command: ros2 param

ROS 2 Bag

Record and playback ROS topics