Understading ROS2 modes

(ROS graph)

The gross graph is a natwork of ROS 2 elements processing data together at one time.

-> At encompalses all executables and the Connections between them.

(ROS Node)

Single, module purpose.

Mode via Hopici, Services, actions, or parameters.

- => A full probatic system is comparised of many modes working in concept.
- => In ROS2, a Single executable can contain one or more nodes.

Remapping

Allows you to encarsign default mode peroperties, like mode name, topic names, service names etc to costom values.

Understanding ROS2 topics

- Topics are a vital element of the ROS graph and acts as a bus for modes to exchange messages.
- A node may publish data to any number of topic & Simultaneously have Abscriptions to any number of topics.

Publisher & Subscribers must send & oneceive the Same type of message to Communicate.

Describer Show geometry-msgs/msg/Twist.

Les For details don't Turist msg.

Understanding ROS 2 Parameters

- ⇒ A parameter is a configuration value of a mode. >> You can think of parameters as node setting.
- => 9m ROSZ, each mode maintains its own parameters.

Lad built off of Rosz Services.