

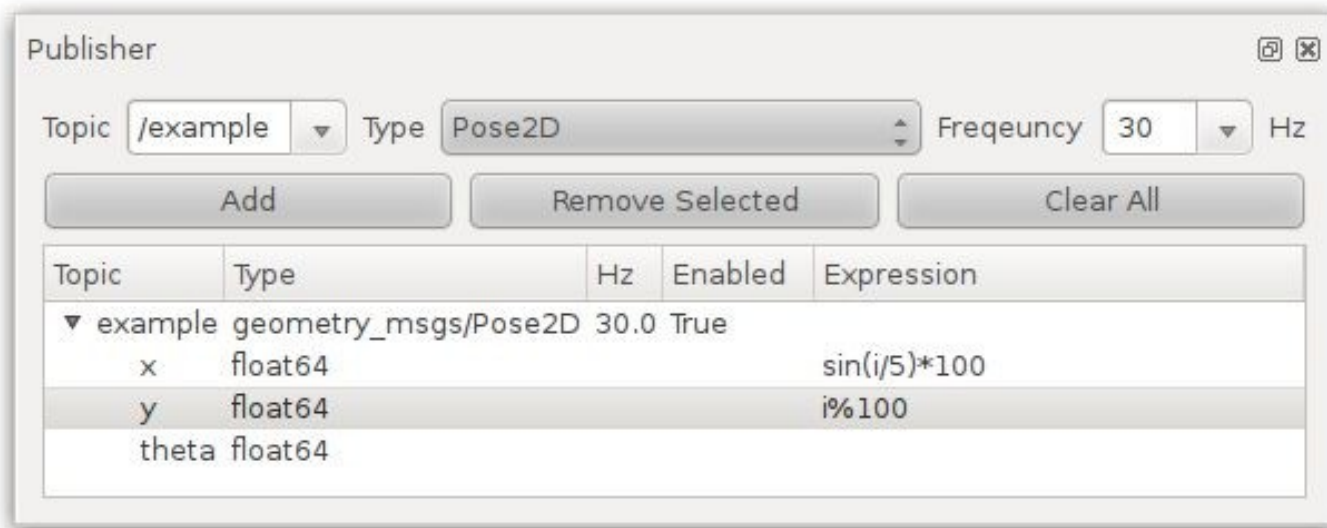
The yet empty framework

- Without any plugins loaded the framework only consists of an empty window with a menu bar

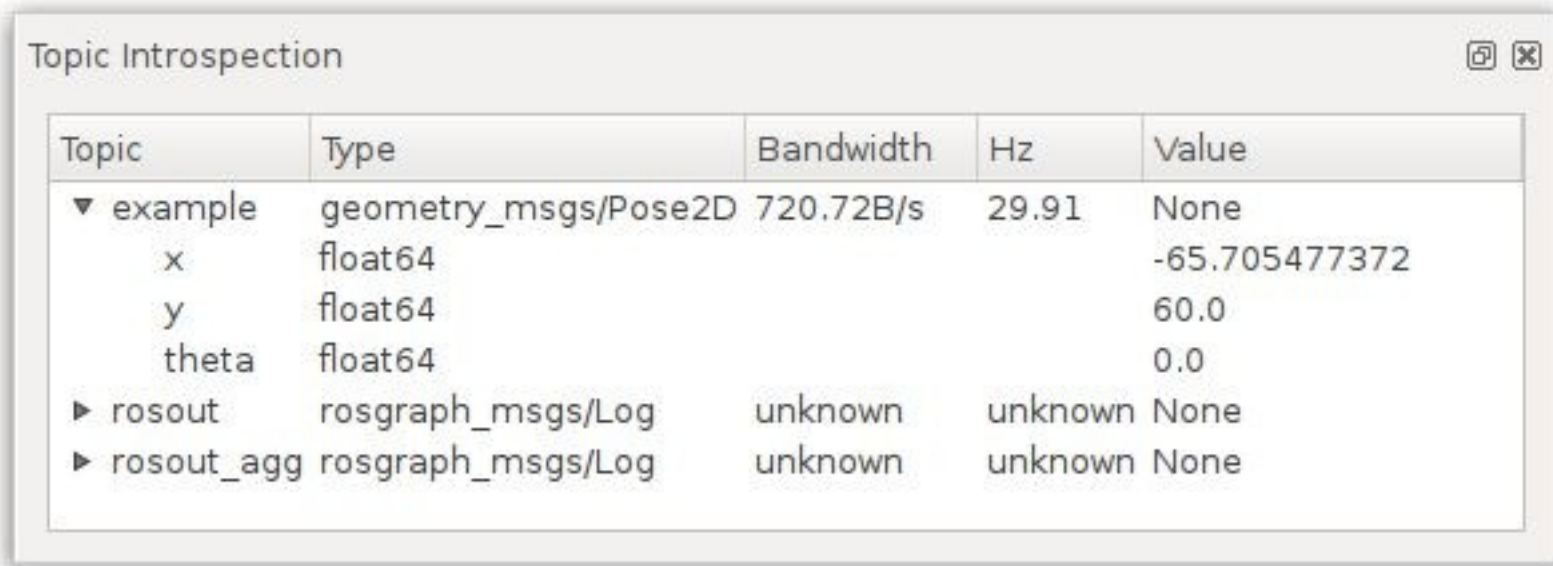


Some useful plugins

- **Simple ROS publisher (rosgui_publisher)**
 - Publishes messages of various types at custom rate
 - Calculates the message's data values with custom math expressions



Some useful plugins



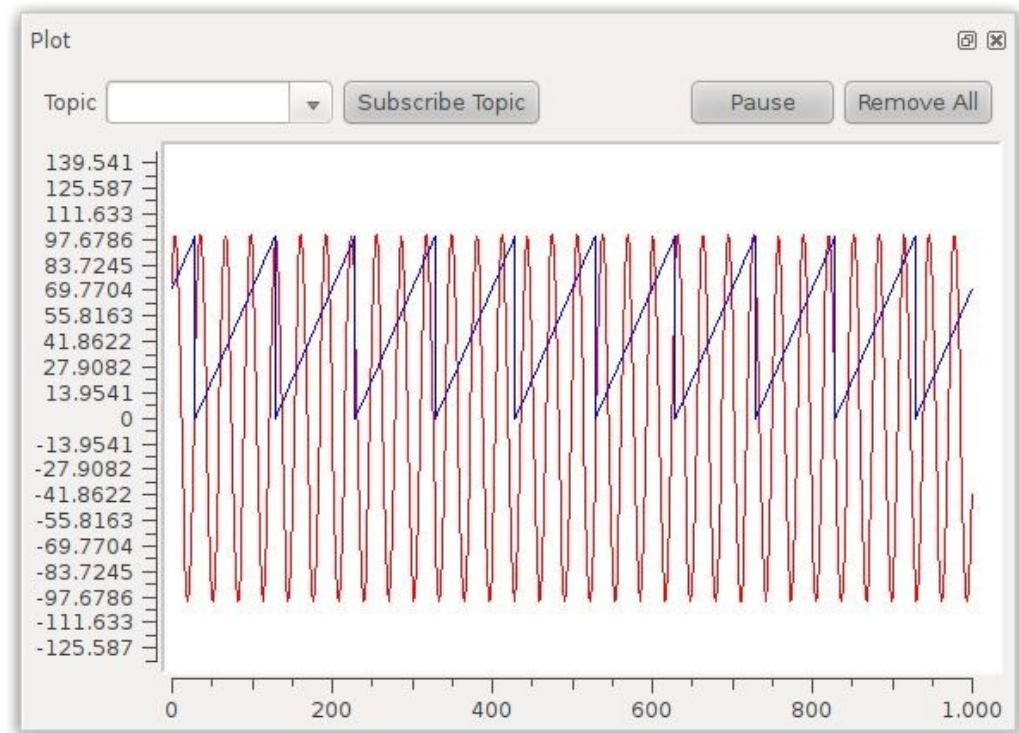
Topic Introspection

Topic	Type	Bandwidth	Hz	Value
▼ example	geometry_msgs/Pose2D	720.72B/s	29.91	None
x	float64			-65.705477372
y	float64			60.0
theta	float64			0.0
▶ rosout	rosgraph_msgs/Log	unknown	unknown	None
▶ rosout_agg	rosgraph_msgs/Log	unknown	unknown	None

- **ROS Topic Introspection** (`rosgui_topic`)
 - List available topics
 - Introspect the message format and values of each topic

Some useful plugins

- ROS Plot (rosgui_plot)
 - Simple line plot using Qwt
 - Drag'n'drop support to plot numeric data i.e. from the topic introspection



The framework with some plugins

