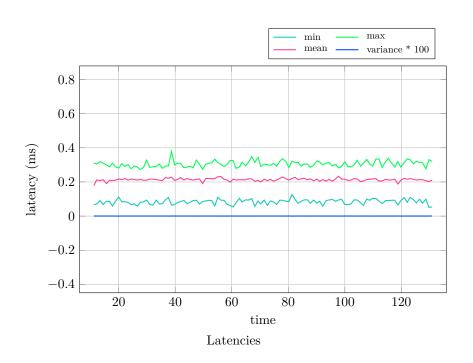
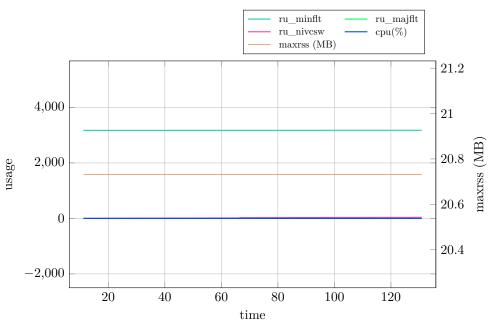
## Performance

 Logfile name
 log\_test\_topic\_12-12-2020\_14-00-11

 Experiment id
 2bf9085a-896f-4985-a51c-f153ed4641af

 Communication mean
 ROS2





Resource usage (man getrusage)

### test setup

# Performance Test Version 80ff298 Publishing rate 10 Topic name test\_topic Number of publishers 1 Number of subscribers 5 Maximum runtime (sec) 130 DDS domain id 0 Single participant -

### average results

T_loop         1.098           received         47.5364           sent         9.4727           lost         0.0           relative_loss         0.0           data_received         4002.3273           latency_min (ms)         0.0839           latency_max (ms)         0.3056           latency_mean (ms)         0.2132           latency_variance (ms)         99.4175           pub_loop_res_min (ms)         99.8476           pub_loop_res_mean (ms)         99.5135           pub_loop_res_variance (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_variance (ms)         0.0           sub_loop_res_variance (ms)         0.0           cpu_usage (%)         0.8209	Experiment Status	success
sent         9.4727           lost         0.0           relative_loss         0.0           data_received         4002.3273           latency_min (ms)         0.0839           latency_max (ms)         0.3056           latency_weariance (ms)         0.2132           latency_variance (ms)         99.4175           pub_loop_res_min (ms)         99.8476           pub_loop_res_mean (ms)         99.5135           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_variance (ms)         0.0           sub_loop_res_variance (ms)         0.0	T_loop	1.098
lost         0.0           relative_loss         0.0           data_received         4002.3273           latency_min (ms)         0.0839           latency_max (ms)         0.3056           latency_mean (ms)         0.2132           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.4175           pub_loop_res_max (ms)         99.5135           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_variance (ms)         0.0           sub_loop_res_variance (ms)         0.0	received	47.5364
relative_loss         0.0           data_received         4002.3273           latency_min (ms)         0.0839           latency_max (ms)         0.3056           latency_mean (ms)         0.2132           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.4175           pub_loop_res_max (ms)         99.8476           pub_loop_res_mean (ms)         99.5135           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_variance (ms)         0.0	sent	9.4727
data_received         4002.3273           latency_min (ms)         0.0839           latency_mean (ms)         0.3056           latency_mean (ms)         0.2132           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.4175           pub_loop_res_max (ms)         99.8476           pub_loop_res_mean (ms)         99.5135           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_variance (ms)         0.0	lost	0.0
latency_min (ms)         0.0839           latency_max (ms)         0.3056           latency_mean (ms)         0.2132           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.4175           pub_loop_res_max (ms)         99.8476           pub_loop_res_mean (ms)         99.5135           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_variance (ms)         0.0	relative_loss	0.0
latency_max (ms)       0.3056         latency_mean (ms)       0.2132         latency_variance (ms)       0.0         pub_loop_res_min (ms)       99.4175         pub_loop_res_max (ms)       99.8476         pub_loop_res_mean (ms)       99.5135         pub_loop_res_variance (ms)       0.0         sub_loop_res_min (ms)       0.0         sub_loop_res_max (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_variance (ms)       0.0	data_received	4002.3273
latency_mean (ms)       0.2132         latency_variance (ms)       0.0         pub_loop_res_min (ms)       99.4175         pub_loop_res_max (ms)       99.8476         pub_loop_res_mean (ms)       99.5135         pub_loop_res_variance (ms)       0.0         sub_loop_res_min (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_variance (ms)       0.0	latency_min (ms)	0.0839
latency_variance (ms)       0.0         pub_loop_res_min (ms)       99.4175         pub_loop_res_max (ms)       99.8476         pub_loop_res_mean (ms)       99.5135         pub_loop_res_variance (ms)       0.0         sub_loop_res_min (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_wariance (ms)       0.0         sub_loop_res_variance (ms)       0.0	latency_max (ms)	0.3056
pub_loop_res_min (ms)       99.4175         pub_loop_res_max (ms)       99.8476         pub_loop_res_mean (ms)       99.5135         pub_loop_res_variance (ms)       0.0         sub_loop_res_min (ms)       0.0         sub_loop_res_max (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_variance (ms)       0.0	latency_mean (ms)	0.2132
pub_loop_res_max (ms)       99.8476         pub_loop_res_mean (ms)       99.5135         pub_loop_res_variance (ms)       0.0         sub_loop_res_mix (ms)       0.0         sub_loop_res_max (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_variance (ms)       0.0	latency_variance (ms)	0.0
pub_loop_res_mean (ms)       99.5135         pub_loop_res_variance (ms)       0.0         sub_loop_res_min (ms)       0.0         sub_loop_res_max (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_variance (ms)       0.0	pub_loop_res_min (ms)	99.4175
pub_loop_res_variance (ms)       0.0         sub_loop_res_min (ms)       0.0         sub_loop_res_max (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_variance (ms)       0.0	pub_loop_res_max (ms)	99.8476
sub_loop_res_min (ms)       0.0         sub_loop_res_max (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_variance (ms)       0.0	pub_loop_res_mean (ms)	99.5135
sub_loop_res_max (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_variance (ms)         0.0	pub_loop_res_variance (ms)	0.0
sub_loop_res_mean (ms)0.0sub_loop_res_variance (ms)0.0	sub_loop_res_min (ms)	0.0
sub_loop_res_variance (ms) 0.0	sub_loop_res_max (ms)	0.0
	sub_loop_res_mean (ms)	0.0
cpu_usage (%) 0.8209		0.0
	cpu_usage (%)	0.8209

### environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	RadarDetection
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0