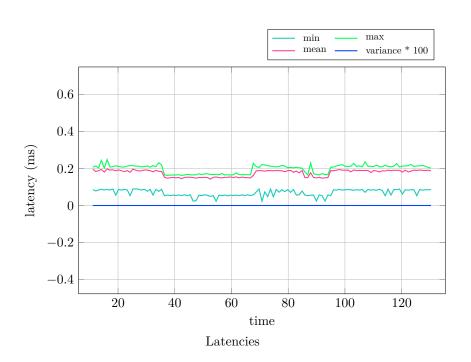
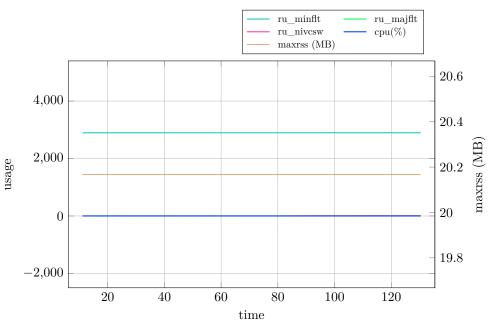
## Performance

 Logfile name
 log\_test\_topic\_28-11-2020\_22-56-10

 Experiment id
 30ab085e-2375-4527-b1ad-5457766be25b

 Communication mean
 ROS2





Resource usage (man getrusage)

## Performance Test Version 80ff298 Publishing rate 50 Topic name test\_topic Number of publishers 1 Number of subscribers 1 Maximum runtime (sec) 130 DDS domain id 0 Single participant -

## average results

T_loop       1.0104         received       49.5294         lost       0.0         relative_loss       0.0         data_received       42006.3361         latency_min (ms)       0.0693         latency_max (ms)       0.1983         latency_mean (ms)       0.1755         latency_variance (ms)       0.0         pub_loop_res_min (ms)       19.4162         pub_loop_res_max (ms)       19.8418         pub_loop_res_wariance (ms)       0.0         sub_loop_res_wariance (ms)       0.0         sub_loop_res_max (ms)       0.0         sub_loop_res_max (ms)       0.0         sub_loop_res_wariance (ms)       0.0         sub_loop_res_variance (ms)       0.0         cpu_usage (%)       0.2016	Experiment Status	success
sent         49.5294           lost         0.0           relative_loss         0.0           data_received         42006.3361           latency_min (ms)         0.0693           latency_max (ms)         0.1983           latency_mean (ms)         0.1755           latency_variance (ms)         0.0           pub_loop_res_min (ms)         19.4162           pub_loop_res_max (ms)         19.8418           pub_loop_res_mean (ms)         19.5207           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	1.0104
lost         0.0           relative_loss         0.0           data_received         42006.3361           latency_min (ms)         0.0693           latency_max (ms)         0.1983           latency_mean (ms)         0.1755           latency_variance (ms)         0.0           pub_loop_res_min (ms)         19.4162           pub_loop_res_max (ms)         19.8418           pub_loop_res_mean (ms)         19.5207           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_wariance (ms)         0.0           sub_loop_res_variance (ms)         0.0           sub_loop_res_variance (ms)         0.0	received	49.5294
relative_loss         0.0           data_received         42006.3361           latency_min (ms)         0.0693           latency_max (ms)         0.1983           latency_mean (ms)         0.1755           latency_variance (ms)         0.0           pub_loop_res_min (ms)         19.4162           pub_loop_res_max (ms)         19.8418           pub_loop_res_mean (ms)         19.5207           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	sent	49.5294
data_received         42006.3361           latency_min (ms)         0.0693           latency_max (ms)         0.1983           latency_mean (ms)         0.1755           latency_variance (ms)         0.0           pub_loop_res_min (ms)         19.4162           pub_loop_res_max (ms)         19.8418           pub_loop_res_mean (ms)         19.5207           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	lost	0.0
latency_min (ms)         0.0693           latency_max (ms)         0.1983           latency_mean (ms)         0.1755           latency_variance (ms)         0.0           pub_loop_res_min (ms)         19.4162           pub_loop_res_max (ms)         19.8418           pub_loop_res_mean (ms)         19.5207           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)       0.1983         latency_mean (ms)       0.1755         latency_variance (ms)       0.0         pub_loop_res_min (ms)       19.4162         pub_loop_res_max (ms)       19.8418         pub_loop_res_mean (ms)       19.5207         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	42006.3361
latency_mean (ms)         0.1755           latency_variance (ms)         0.0           pub_loop_res_min (ms)         19.4162           pub_loop_res_max (ms)         19.8418           pub_loop_res_mean (ms)         19.5207           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_min (ms)	0.0693
latency_variance (ms)       0.0         pub_loop_res_min (ms)       19.4162         pub_loop_res_max (ms)       19.8418         pub_loop_res_mean (ms)       19.5207         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)	0.1983
pub_loop_res_min (ms)       19.4162         pub_loop_res_max (ms)       19.8418         pub_loop_res_mean (ms)       19.5207         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)	0.1755
pub_loop_res_max (ms)       19.8418         pub_loop_res_mean (ms)       19.5207         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_variance (ms)	0.0
pub_loop_res_mean (ms)       19.5207         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)	19.4162
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)	19.8418
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)	19.5207
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 (%) 0.2016		0.0
	cpu_usage (%)	0.2016

## environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	RadarTrack
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0