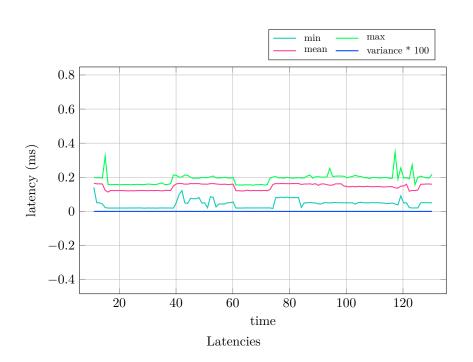
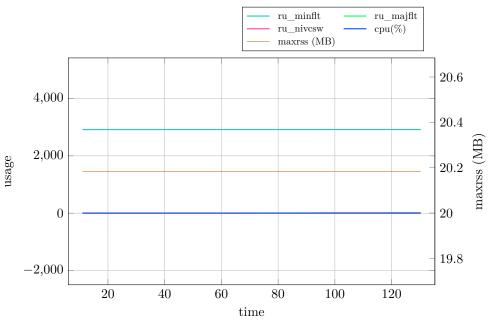
Performance

 Logfile name
 log_test_topic_01-12-2020_13-03-07

 Experiment id
 0781df1d-86ef-49ab-aecb-99862b715b43

 Communication mean
 ROS2





Resource usage (man getrusage)

test setup

Performance Test Version 80ff298 Publishing rate 500 Topic name test_topic Number of publishers 1 Number of subscribers 1 Maximum runtime (sec) 130 DDS domain id 0 Single participant -

average results

received 499.50 sent 499.50 lost relative_loss data_received 8199983.38 latency_min (ms) 0.04 latency_mean (ms) 0.19 latency_variance (ms) pub_loop_res_min (ms) 1.63 pub_loop_res_max (ms) 1.90 pub_loop_res_mean (ms) 1.80 pub_loop_res_min (ms) sub_loop_res_min (ms) sub_loop_res_min (ms) sub_loop_res_max (ms)	Status success
sent 499.50 lost relative_loss data_received 8199983.38 latency_min (ms) 0.04 latency_max (ms) 0.15 latency_wean (ms) 0.14 latency_variance (ms) pub_loop_res_min (ms) 1.63 pub_loop_res_max (ms) 1.90 pub_loop_res_max (ms) 1.80 pub_loop_res_wariance (ms) sub_loop_res_min (ms) sub_loop_res_min (ms) sub_loop_res_max (ms) sub_loop_res_max (ms) sub_loop_res_max (ms) sub_loop_res_max (ms)	1.0017
lost relative_loss data_received latency_min (ms) latency_max (ms) latency_mean (ms) latency_variance (ms) pub_loop_res_min (ms) pub_loop_res_max (ms) pub_loop_res_max (ms) pub_loop_res_max (ms) pub_loop_res_max (ms) pub_loop_res_max (ms) sub_loop_res_min (ms) sub_loop_res_min (ms) sub_loop_res_max (ms) sub_loop_res_max (ms) sub_loop_res_max (ms) sub_loop_res_max (ms)	499.5083
relative_loss data_received 819983.38 latency_min (ms) 0.04 latency_max (ms) 0.19 latency_mean (ms) 0.14 latency_variance (ms) pub_loop_res_min (ms) 1.63 pub_loop_res_mean (ms) 1.90 pub_loop_res_mean (ms) 1.80 pub_loop_res_min (ms) 1.80 pub_loop_res_min (ms) 1.80 pub_loop_res_min (ms) 1.80 sub_loop_res_min (ms) sub_loop_res_max (ms) sub_loop_res_max (ms) sub_loop_res_max (ms)	499.5083
data_received 8199983.38 latency_min (ms) 0.04 latency_mean (ms) 0.15 latency_wariance (ms) 0.14 pub_loop_res_min (ms) 1.63 pub_loop_res_max (ms) 1.90 pub_loop_res_wariance (ms) 1.80 pub_loop_res_min (ms) 1.80 sub_loop_res_min (ms) 1.80 sub_loop_res_max (ms) 1.80 sub_loop_res_max (ms) 1.80 sub_loop_res_max (ms) 1.80	0.0
latency_min (ms)	s 0.0
latency_max (ms)	red 8199983.3833
latency_mean (ms)	n (ms) 0.0442
latency_variance (ms) pub_loop_res_min (ms) pub_loop_res_max (ms) pub_loop_res_mean (ms) pub_loop_res_variance (ms) sub_loop_res_min (ms) sub_loop_res_max (ms) sub_loop_res_max (ms) sub_loop_res_mean (ms)	x (ms) 0.1912
pub_loop_res_min (ms) 1.63 pub_loop_res_max (ms) 1.90 pub_loop_res_mean (ms) 1.80 pub_loop_res_variance (ms) 1.80 sub_loop_res_min (ms) 1.80 sub_loop_res_max (ms) 1.80 sub_loop_res_max (ms) 1.80	an (ms) 0.1445
pub_loop_res_max (ms) 1.90 pub_loop_res_mean (ms) 1.80 pub_loop_res_variance (ms) sub_loop_res_min (ms) sub_loop_res_max (ms) sub_loop_res_mean (ms)	riance (ms) 0.0
pub_loop_res_mean (ms) pub_loop_res_variance (ms) sub_loop_res_min (ms) sub_loop_res_max (ms) sub_loop_res_mean (ms)	res_min (ms) 1.6318
pub_loop_res_variance (ms) sub_loop_res_min (ms) sub_loop_res_max (ms) sub_loop_res_mean (ms)	res_max (ms) 1.9046
sub_loop_res_min (ms) sub_loop_res_max (ms) sub_loop_res_mean (ms)	res_mean (ms) 1.8009
sub_loop_res_max (ms) sub_loop_res_mean (ms)	res_variance (ms) 0.0
sub_loop_res_mean (ms)	res_min (ms) 0.0
	res_max (ms) 0.0
and lase was regiones (mas)	res_mean (ms) 0.0
cpu_usage (%) 0.98	(%) 0.9862

${f environment}$

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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