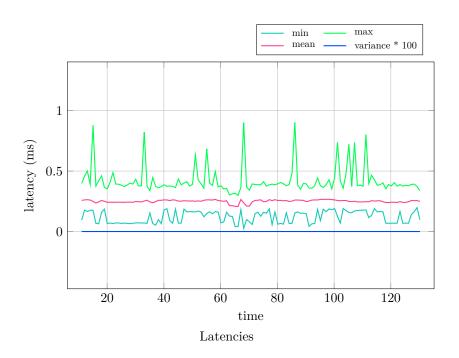
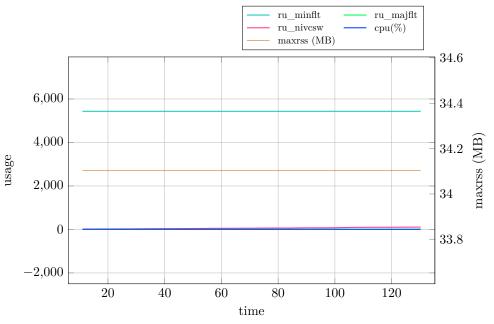
Performance

 Logfile name
 log_test_topic_01-12-2020_21-07-17

 Experiment id
 a8c3e858-ed43-4386-baf2-9a94135a6561

 Communication mean
 ROS2





Resource usage (man getrusage)

test setup

Performance Test Version 80ff298 Publishing rate 1000 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 1.0016 received 4997.4583 sent 999.5333 lost 0.0417 relative_loss 0.0001 data_received 163915538.75 latency_min (ms) 0.1207 latency_max (ms) 0.4216 latency_mean (ms) 0.2504 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7746 pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 pub_loop_res_variance (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0 cpu_usage (%) 9.0633	Experiment Status	success
sent 999.5333 lost 0.0417 relative_loss 0.0001 data_received 163915538.75 latency_min (ms) 0.1207 latency_max (ms) 0.4216 latency_wariance (ms) 0.0 pub_loop_res_min (ms) 0.7746 pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 pub_loop_res_min (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	1.0016
lost 0.0417 relative_loss 0.0001 data_received 163915538.75 latency_min (ms) 0.1207 latency_max (ms) 0.4216 latency_mean (ms) 0.2504 latency_variance (ms) 0.0 pub_loop_res_max (ms) 0.7746 pub_loop_res_max (ms) 0.8545 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	4997.4583
relative_loss 0.0001 data_received 163915538.75 latency_min (ms) 0.1207 latency_max (ms) 0.4216 latency_mean (ms) 0.2504 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7746 pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 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	999.5333
data_received 163915538.75 latency_min (ms) 0.1207 latency_max (ms) 0.4216 latency_mean (ms) 0.2504 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7746 pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 pub_loop_res_min (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	0.0417
latency_min (ms) 0.1207 latency_max (ms) 0.4216 latency_mean (ms) 0.2504 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7746 pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 pub_loop_res_wariance (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	0.0001
latency_max (ms) 0.4216 latency_mean (ms) 0.2504 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7746 pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 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	163915538.75
latency_mean (ms) 0.2504 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7746 pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 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)	0.1207
latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7746 pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 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_max (ms)	0.4216
pub_loop_res_min (ms) 0.7746 pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 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)	0.2504
pub_loop_res_max (ms) 0.924 pub_loop_res_mean (ms) 0.8545 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) 0.8545 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)	0.7746
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)	0.924
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)	0.8545
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 (%) 9.0633		0.0
	cpu_usage $(\%)$	9.0633

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array32k
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0