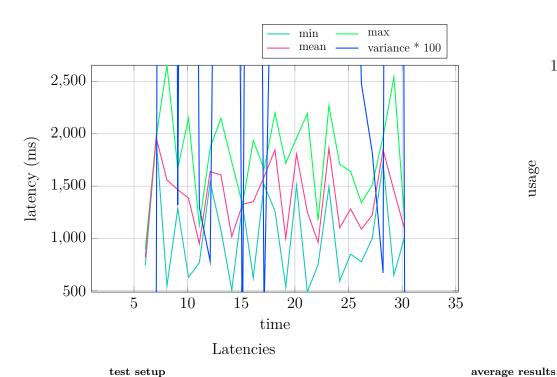
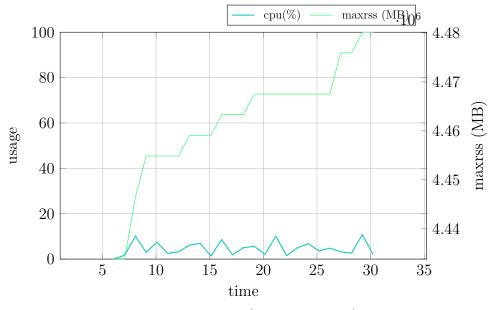
Performance fastrtps

Logfile name 6d402530-1336-44db-85d5-6ecee720f82f.csv Experiment id 3ae9fb36-cf9f-4325-873d-34e89395d99f Communication mean RCLCPP_SINGLE_THREADED_EXECUTOR





Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
Topic name	PointCloud4m
Number of publishers	0
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

Experiment Status success T_loop 1.0072 received 184.4 sent 0.0 lost 0.0 relative_loss nan data_received 810156522.32 latency_min (ms) 1005.92 latency_max (ms) 1781.836 latency_mean (ms) 1379.444 latency_variance (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_variance (ms) 0.0		
received 184.4 sent 0.0 lost 0.0 relative_loss nan data_received 810156522.32 latency_min (ms) 1005.92 latency_max (ms) 1781.836 latency_mean (ms) 1379.444 latency_variance (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_variance (ms) 0.0 cpu_usage (%) 4.6374	Experiment Status	success
sent 0.0 lost 0.0 relative_loss nan data_received 810156522.32 latency_min (ms) 1005.92 latency_max (ms) 1781.836 latency_mean (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 pub_loop_res_variance (ms) 0.0 sub_loop_res_max (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 cpu_usage (%) 4.6374	T_loop	1.0072
lost 0.0 relative_loss nan data_received 810156522.32 latency_min (ms) 1005.92 latency_max (ms) 1781.836 latency_mean (ms) 1379.444 latency_variance (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 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 sub_loop_res_variance (ms) 0.0 cpu_usage (%) 4.6374	received	184.4
relative_loss nan data_received 810156522.32 latency_min (ms) 1005.92 latency_max (ms) 1781.836 latency_mean (ms) 1379.444 latency_variance (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 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 sub_loop_res_variance (ms) 0.0 cpu_usage (%) 4.6374	sent	0.0
data_received 810156522.32 latency_min (ms) 1005.92 latency_max (ms) 1781.836 latency_mean (ms) 1379.444 latency_variance (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 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 sub_loop_res_variance (ms) 0.0 cpu_usage (%) 4.6374	lost	0.0
latency_min (ms) 1005.92 latency_max (ms) 1781.836 latency_mean (ms) 1379.444 latency_variance (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 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 (%) 4.6374	relative_loss	nan
latency_max (ms) 1781.836 latency_mean (ms) 1379.444 latency_variance (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 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 (%) 4.6374	data_received	810156522.32
latency_mean (ms) 1379.444 latency_variance (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 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 (%) 4.6374	latency_min (ms)	1005.92
latency_variance (ms) 85.3225 pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 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 cpu_usage (%) 4.6374	latency_max (ms)	1781.836
pub_loop_res_min (ms) inf pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 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 cpu_usage (%) 4.6374	latency_mean (ms)	1379.444
pub_loop_res_max (ms) -inf pub_loop_res_mean (ms) 0.0 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 cpu_usage (%) 4.6374	latency_variance (ms)	85.3225
pub_loop_res_mean (ms) 0.0 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 cpu_usage (%) 4.6374	pub_loop_res_min (ms)	inf
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 cpu_usage (%) 4.6374	pub_loop_res_max (ms)	-inf
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 cpu_usage (%) 4.6374	pub_loop_res_mean (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 (%) 4.6374	pub_loop_res_variance (ms)	0.0
sub_loop_res_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0 cpu_usage (%) 4.6374	sub_loop_res_min (ms)	0.0
sub_loop_res_variance (ms) 0.0 cpu_usage (%) 4.6374	sub_loop_res_max (ms)	0.0
cpu_usage (%) 4.6374	sub_loop_res_mean (ms)	0.0
	sub_loop_res_variance (ms)	0.0
$max_ram_usage (MB)$ 4480139.26	cpu_usage (%)	4.6374
	max_ram_usage (MB)	4480139.26

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud4m
QOS Durability	VOLATILE
QOS History depth	100
QOS History kind	$KEEP_LAST$
QOS Reliability	RELIABLE
QOS Sync. pub/sub	0
RMW Implementation	$rmw_fastrtps_cpp$
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0