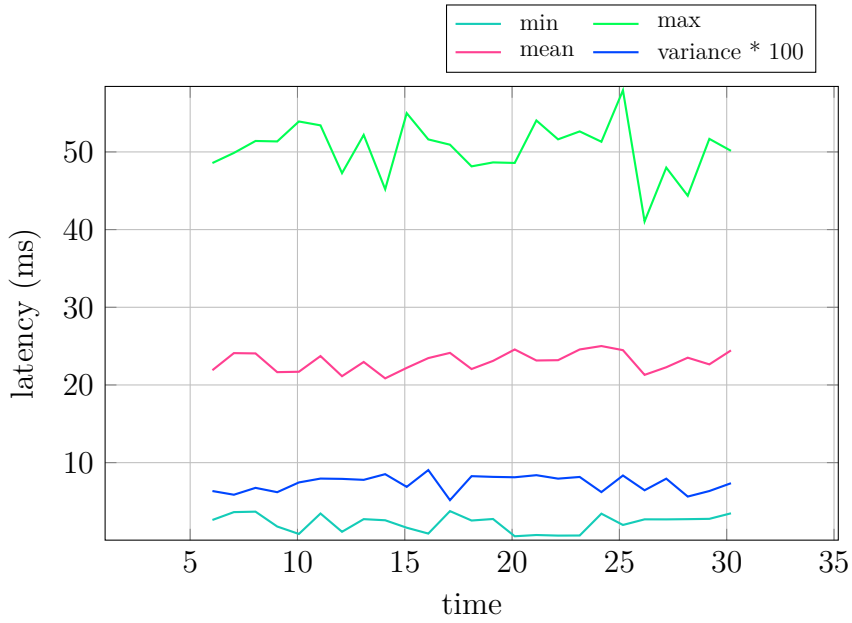
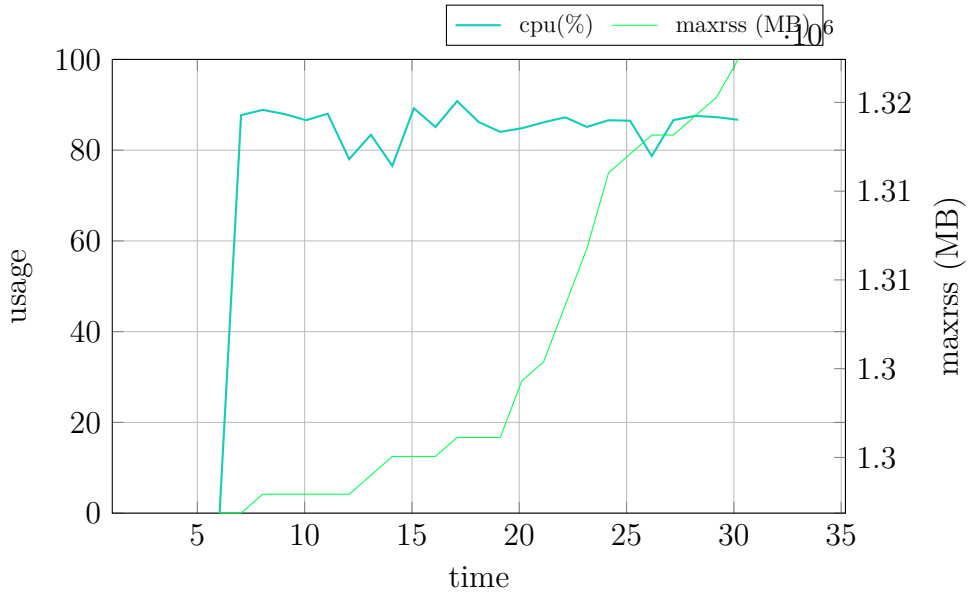
Performance fastrtps

Logfile name	50e4862b-c3d9-4609-aa34-3959873e0c79.csv
Experiment id	0732274f-b896-45de-b2b5-08214e775077
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	0
Topic name	PointCloud1m
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0067
received	27693.6
sent	6205.08
lost	34359.6
relative_loss	5.3776
data_received	29112139752.84
latency_min (ms)	2.246
latency_max (ms)	50.3548
latency_mean (ms)	23.0468
latency_variance (ms)	0.0733
pub_loop_res_min (ms)	-19604.8
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611880000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	82.2361
max_ram_usage (MB)	1317421.06

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud1m
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