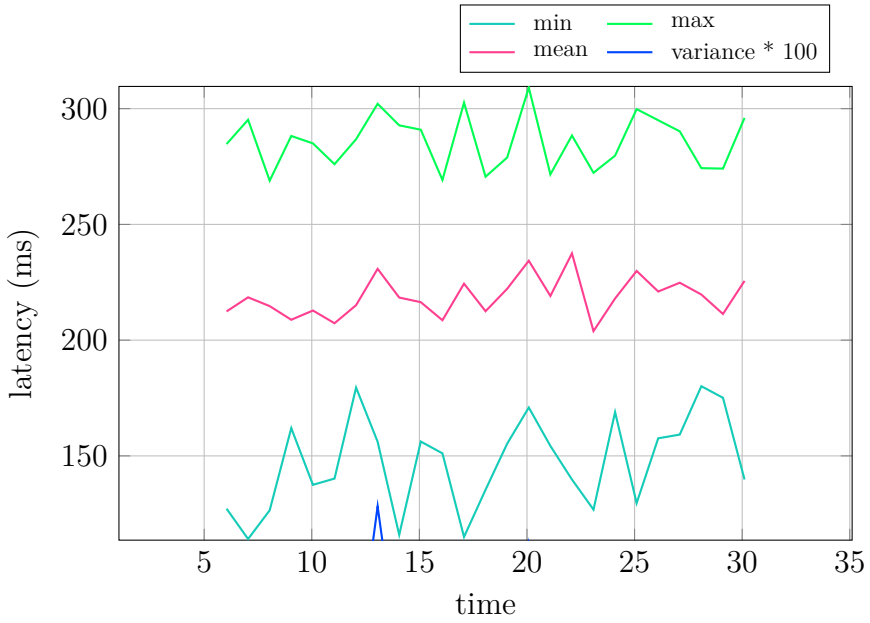
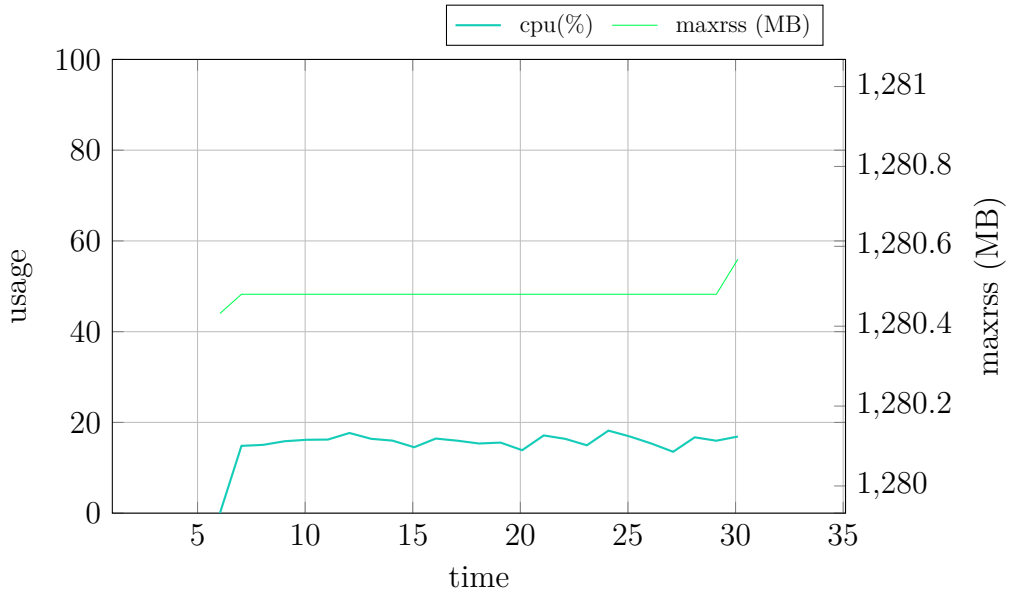
Performance fastrtps

Logfile name	62837704-4463-44d6-bbb9-8b761c757ce7.csv
Experiment id	08c8cb12-e063-4f0d-8439-741246eacf6a
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	500
Topic name	PointCloud4m
Number of publishers	0
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0028
received	591.48
sent	0.0
lost	905.08
relative_loss	inf
data_received	2489695313.8
latency_min (ms)	146.964
latency_max (ms)	285.696
latency_mean (ms)	218.72
latency_variance (ms)	0.7087
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 (%)	15.274
max_ram_usage (MB)	1280.57

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