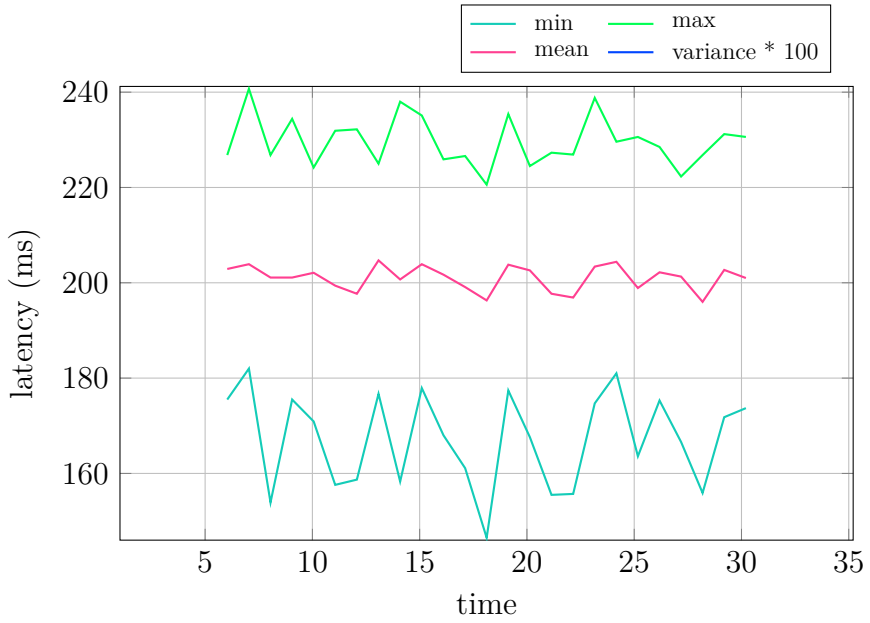
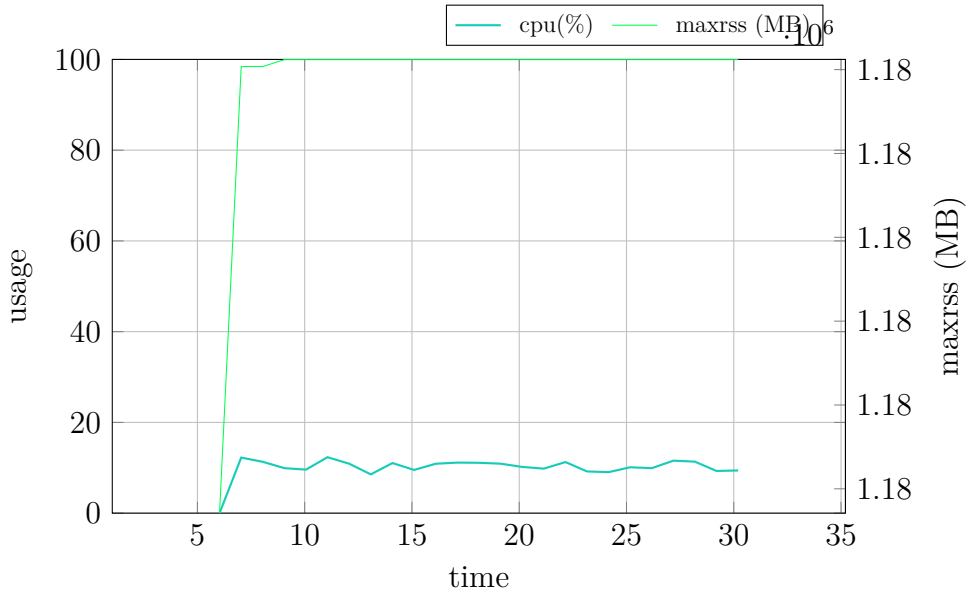
Performance fastrtps

Logfile name	520ccd20-df8b-4bfd-8d06-e7ecaa997481.csv
Experiment id	5114742d-a34b-40a1-afb2-12d5dace7c4c
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	500
Topic name	PointCloud1m
Number of publishers	0
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0071
received	2123.88
sent	0.0
lost	2866.52
relative_loss	inf
data_received	2237869560.88
latency_min (ms)	167.256
latency_max (ms)	229.628
latency_mean (ms)	201.02
latency_variance (ms)	0.1439
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 (%)	10.0232
max_ram_usage (MB)	1182023.68

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