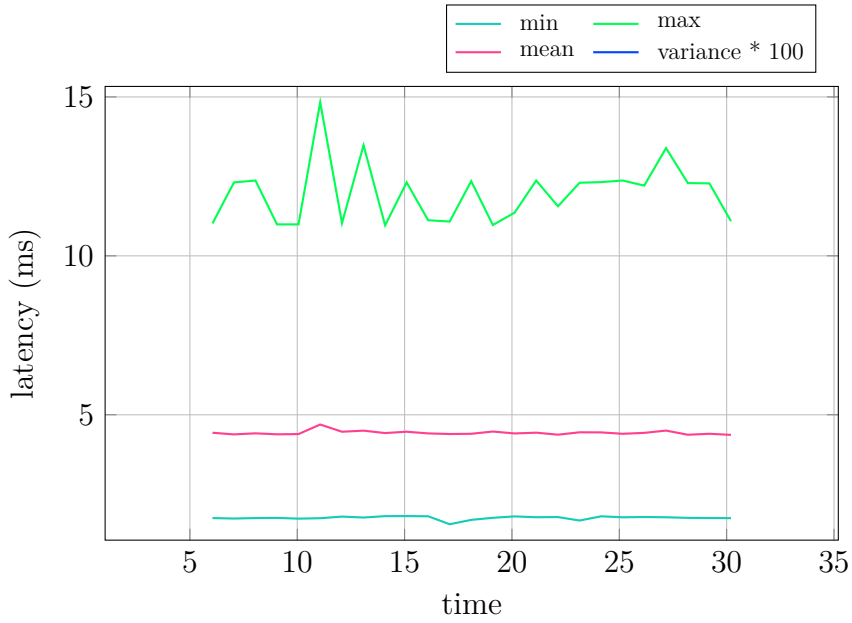
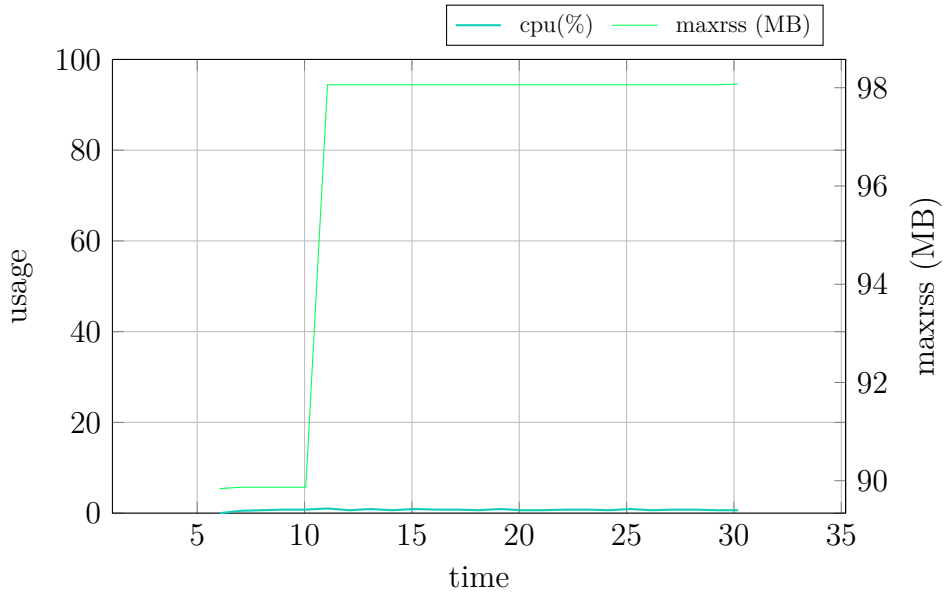
Performance fastrtps

Logfile name	113a6a84-b91d-4592-a37f-22604aae489d.csv
Experiment id	86e22dcc-e4cc-41cd-bd03-e800edd6fb32
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	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0065
received	499.52
sent	499.48
lost	0.0
relative_loss	0.0
data_received	2098242079.04
latency_min (ms)	1.7565
latency_max (ms)	11.974
latency_mean (ms)	4.434
latency_variance (ms)	0.0032
pub_loop_res_min (ms)	-14.194
pub_loop_res_max (ms)	1.8195
pub_loop_res_mean (ms)	-5.3987
pub_loop_res_variance (ms)	0.0174
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 (%)	0.7142
max_ram_usage (MB)	98.08

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