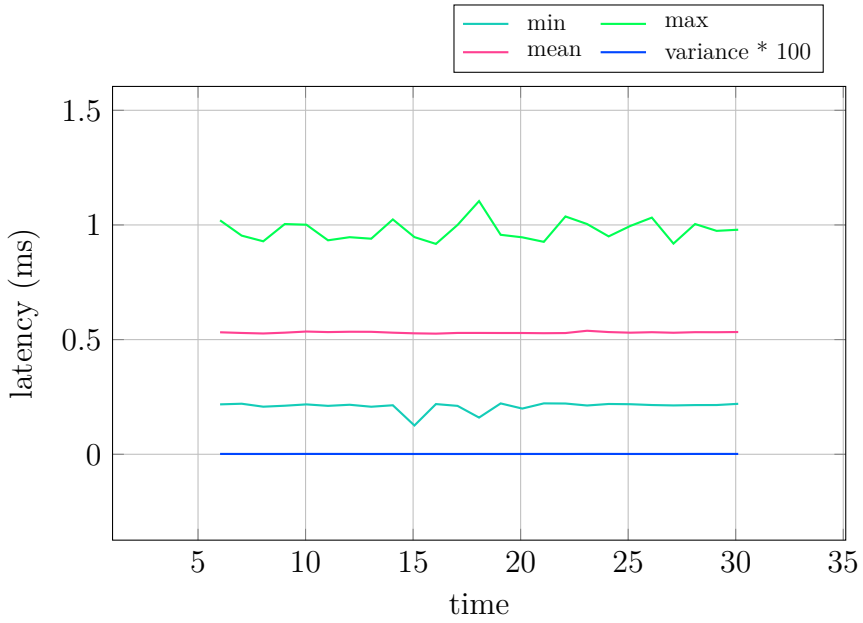
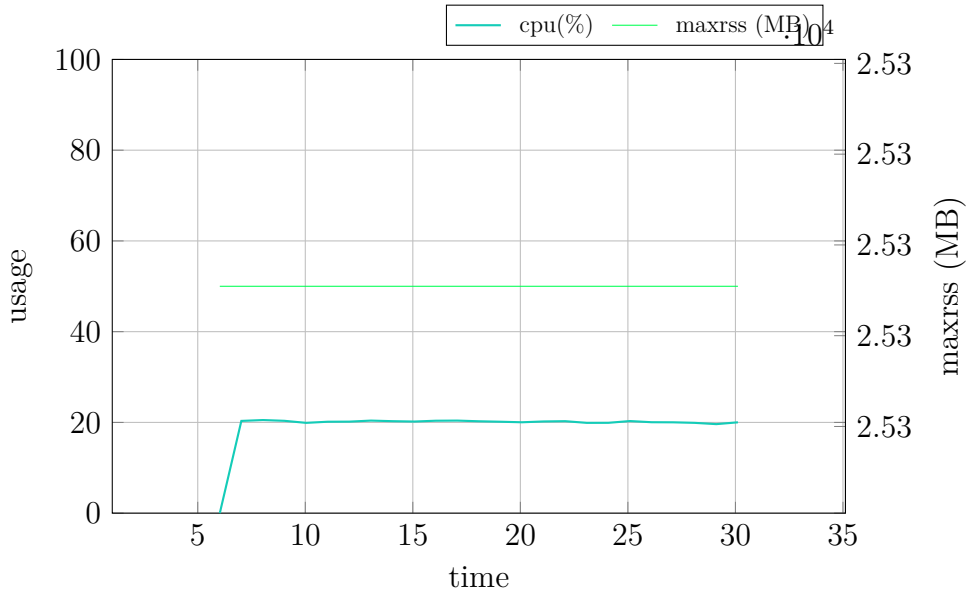
Performance fastrtps

Logfile name	6d45f7d8-a4cf-45e3-bd18-e7541ae80f70.csv
Experiment id	2321ad7d-9e88-4f4b-ac78-ba0b40895262
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	0
Topic name	Array16k
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	1.0036
received	94584.56
sent	315756.68
lost	221173.04
relative_loss	0.7
data_received	1551195433.24
latency_min (ms)	0.2092
latency_max (ms)	0.9777
latency_mean (ms)	0.5309
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-18079.88
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612000000000.0
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 (%)	19.3468
max_ram_usage (MB)	25296.9

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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