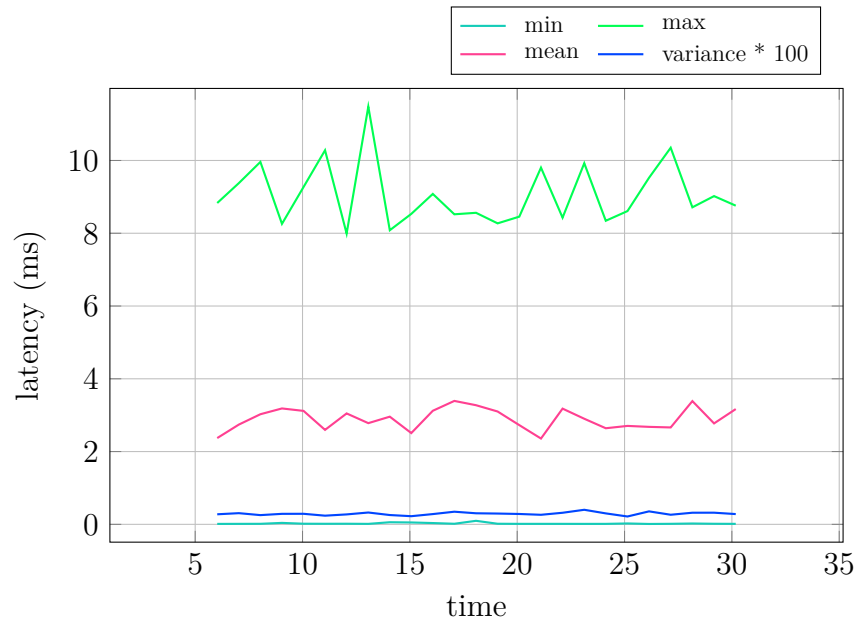
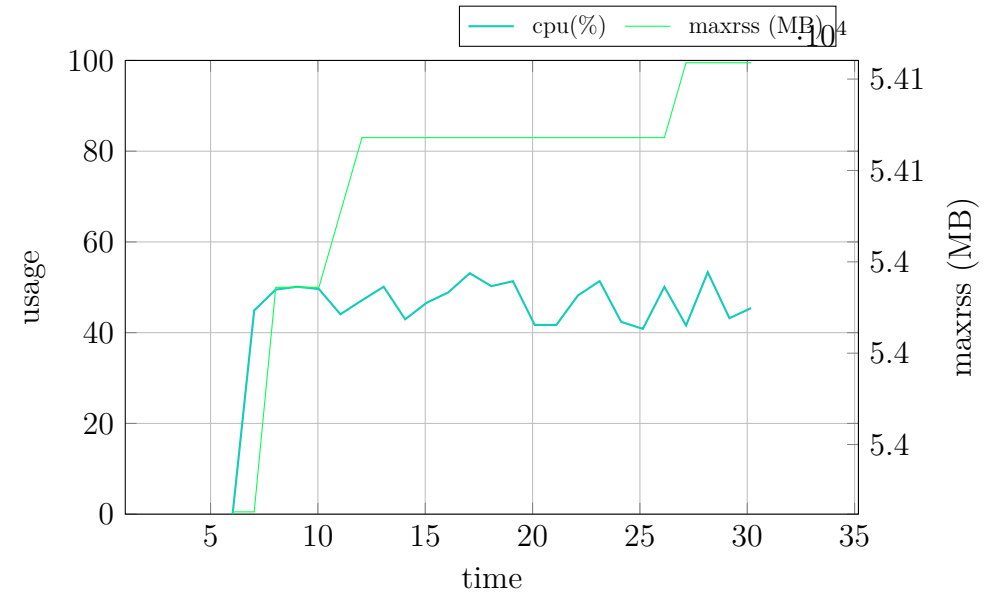


Performance fastrtps

Logfile name	7f543183-3d0a-45fb-a921-6896c1800b3c.csv
Experiment id	4f29e753-b03d-4090-bbc6-2f827e03e4c3
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	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0062
received	134963.92
sent	85565.48
lost	720415.08
relative_loss	8.3916
data_received	2213486616.64
latency_min (ms)	0.0232
latency_max (ms)	9.0572
latency_mean (ms)	2.8962
latency_variance (ms)	0.0029
pub_loop_res_min (ms)	-18237.36
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 (%)	45.1344
max_ram_usage (MB)	54083.58

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