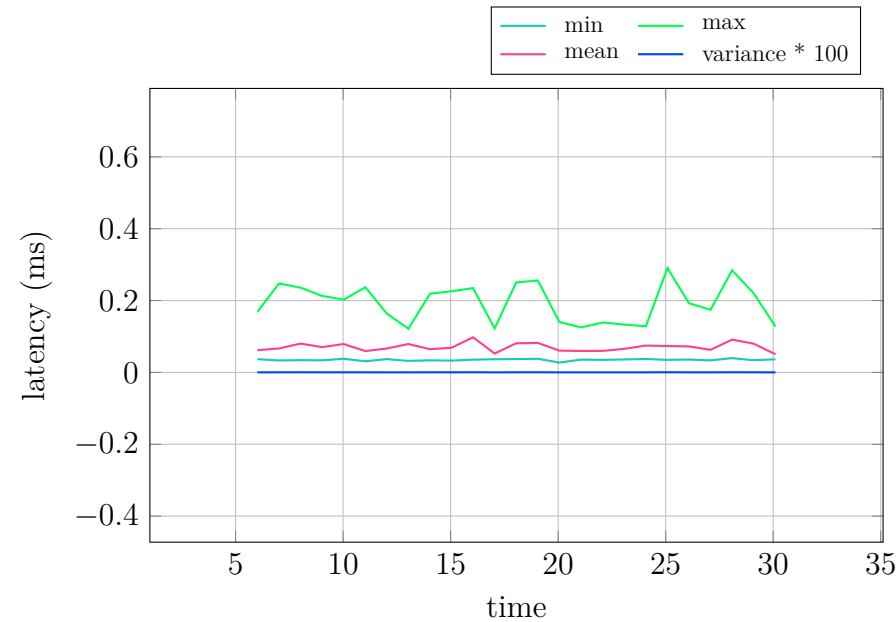
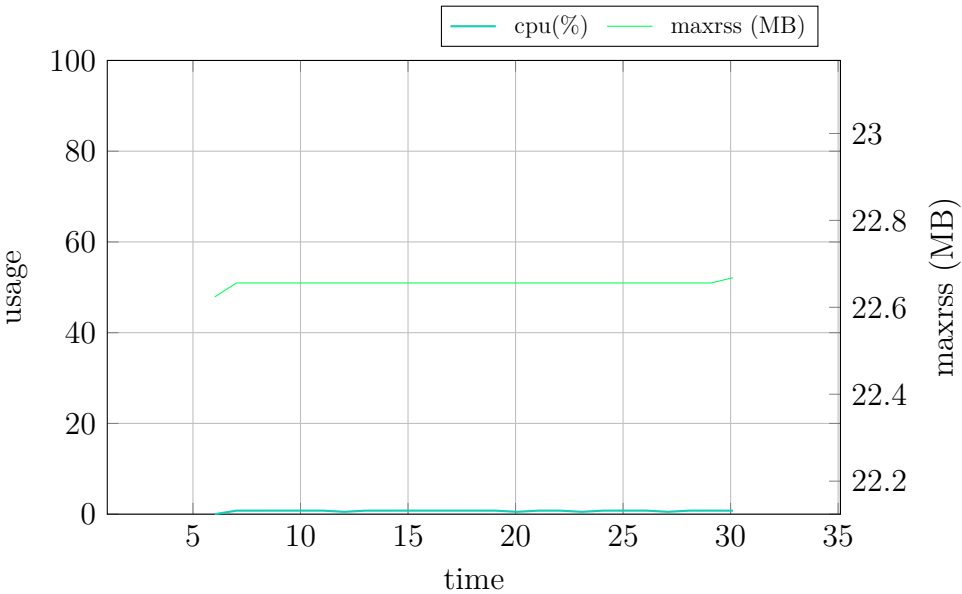


Performance fastrtps

Logfile name	d7d471b6-cd85-4fd9-80a4-3649d29ef6b2.csv
Experiment id	86203e25-419f-4667-8a8f-6778586ea855
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	20
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	1.0037
received	19.08
sent	19.08
lost	0.0
relative_loss	0.0
data_received	328065.0
latency_min (ms)	0.035
latency_max (ms)	0.1942
latency_mean (ms)	0.0704
latency_variance (ms)	0.0
pub_loop_res_min (ms)	34.2352
pub_loop_res_max (ms)	48.3448
pub_loop_res_mean (ms)	41.2488
pub_loop_res_variance (ms)	0.0201
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 (%)	0.7056
max_ram_usage (MB)	22.67

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