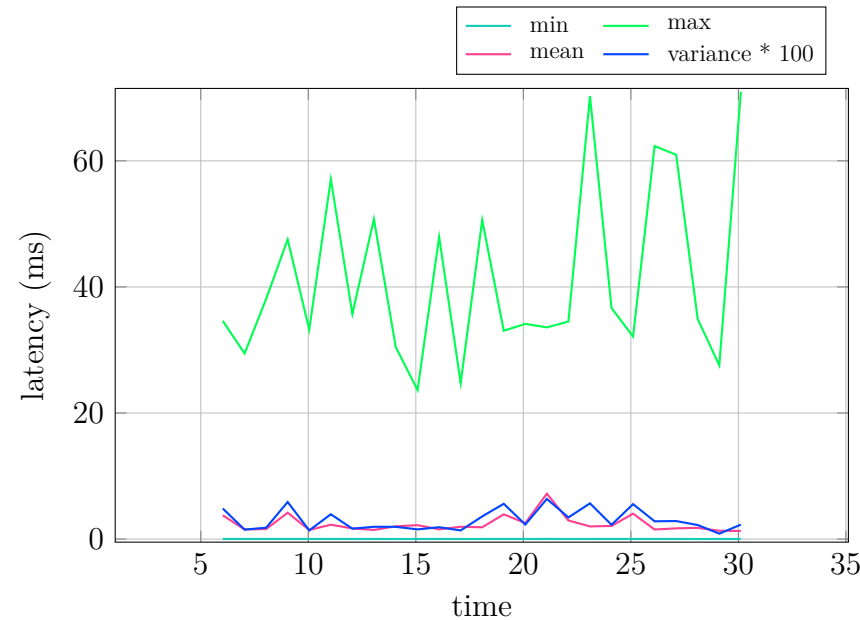
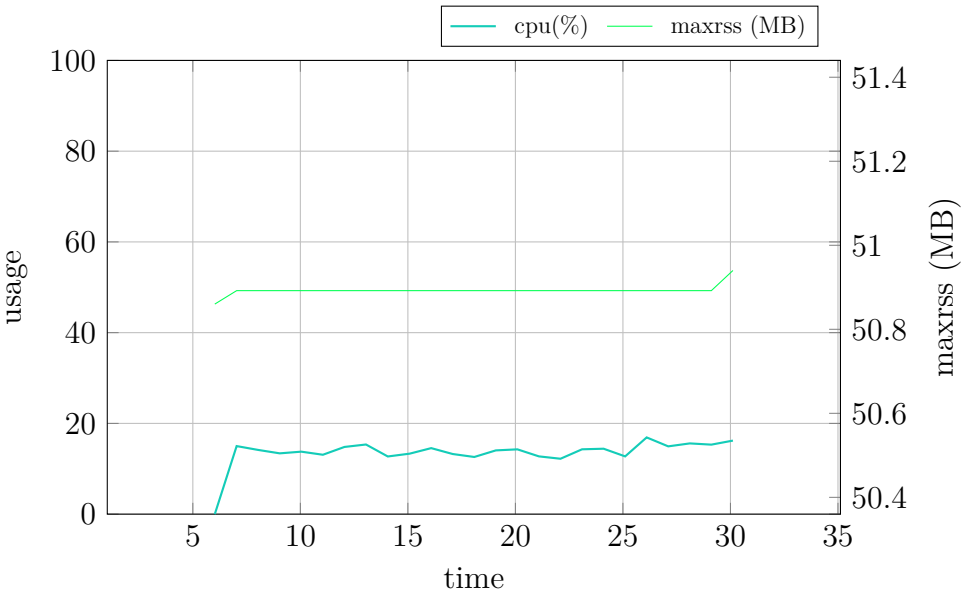


Performance fastrtps

Logfile name	919cb0f3-8dae-449a-9453-e65a9f78d7d2.csv
Experiment id	a955f625-a579-4698-92a5-b76fe34f0ef5
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	0
Publishing rate	Array16k
Topic name	1
Number of publishers	10
Number of subscribers	30
Maximum runtime (sec)	0
DDS domain id	-
Single participant	

average results

Experiment Status	success
T_loop	1.0039
received	41913.2
sent	129906.12
lost	1258740.4
relative_loss	9.75
data_received	687451731.32
latency_min (ms)	0.0177
latency_max (ms)	41.4004
latency_mean (ms)	2.3968
latency_variance (ms)	0.0302
pub_loop_res_min (ms)	-18127.0
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 (%)	13.5876
max_ram_usage (MB)	50.94

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