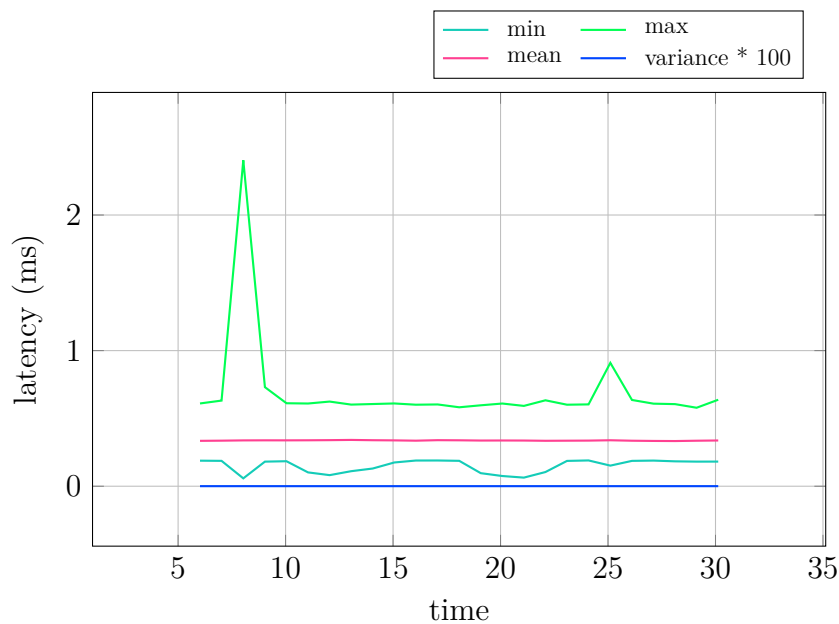
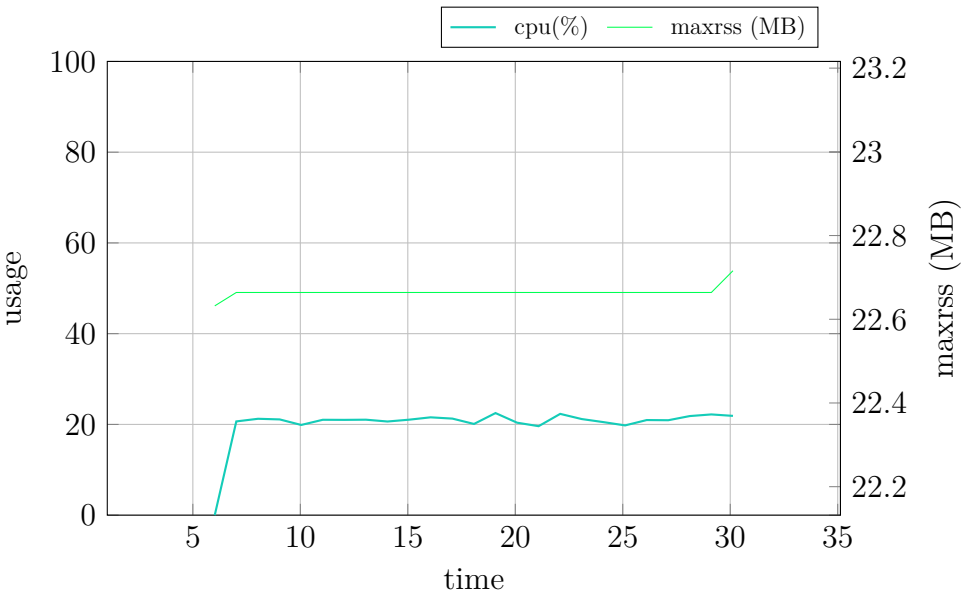


Performance fastrtps

Logfile name	c813f763-164d-4ead-b945-1ff316ebe71e.csv
Experiment id	119f48d3-8037-4c17-a292-7d9a2af8df75
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	1
Number of subscribers	30
Maximum runtime (sec)	0
DDS domain id	-
Single participant	

average results

Experiment Status	success
T_loop	1.0044
received	180607.64
sent	410022.44
lost	229409.12
relative_loss	0.5584
data_received	2961973902.0
latency_min (ms)	0.1502
latency_max (ms)	0.6976
latency_mean (ms)	0.3371
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-18076.56
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 (%)	20.1856
max_ram_usage (MB)	22.72

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