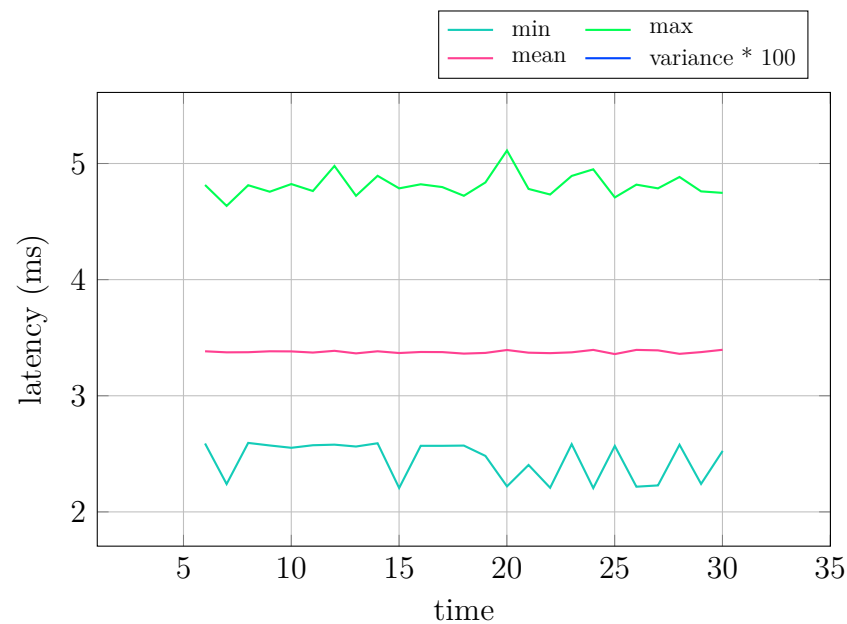
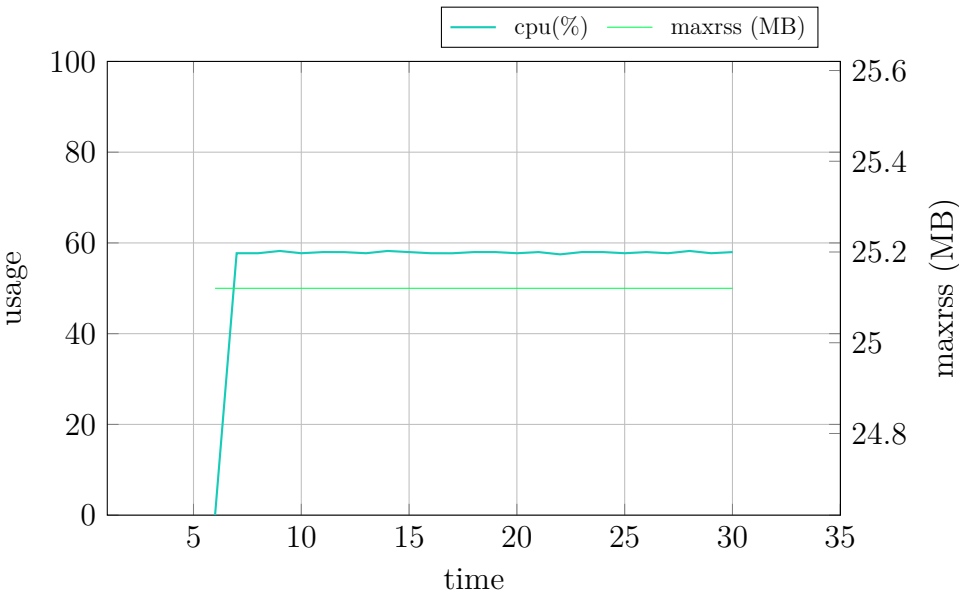


Performance fastrtps

Logfile name	0772be24-7485-49cb-ad9a-fb9d1d2bdef9.csv
Experiment id	612a1c0d-f38c-44ba-8f6c-a0548e1afda5
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
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	1.0001
received	23142.88
sent	34699.0
lost	11554.6
relative_loss	0.3324
data_received	379549235.28
latency_min (ms)	2.4491
latency_max (ms)	4.8134
latency_mean (ms)	3.3774
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	-18036.76
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 (%)	55.57
max_ram_usage (MB)	25.12

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