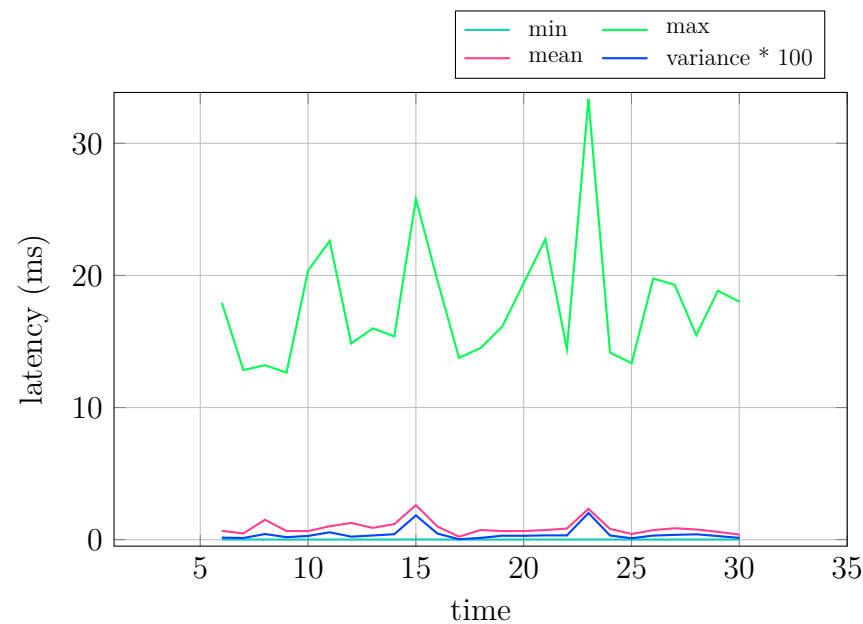
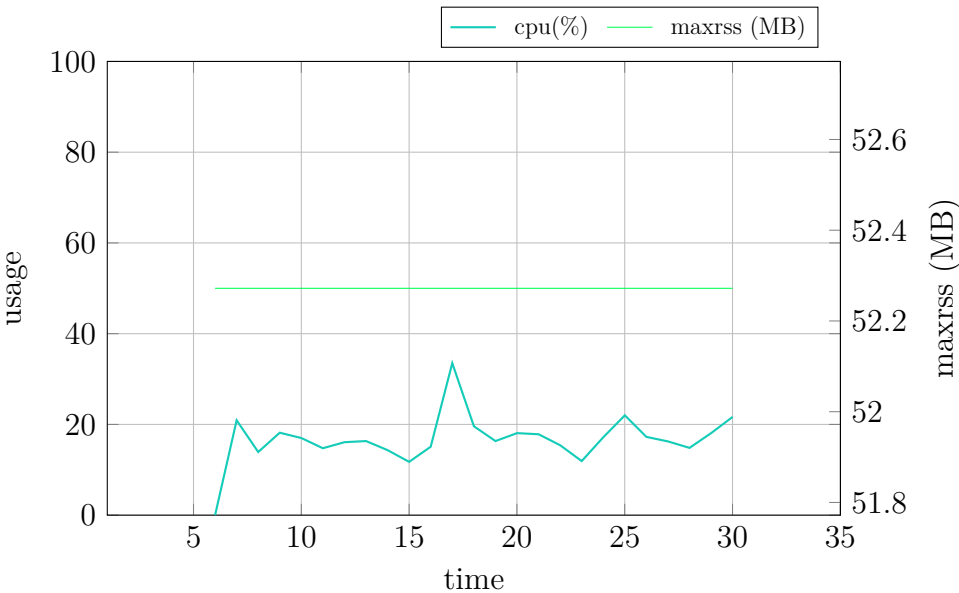


Performance fastrtps

Logfile name	9ed9fae6-d25b-4044-a690-bab9e3f6dd8c.csv
Experiment id	45a5c1e8-8889-4978-a7ca-d8f4f0b2382c
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	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	155396.96
sent	127821.36
lost	1119311.72
relative_loss	8.7008
data_received	2548601183.04
latency_min (ms)	0.0121
latency_max (ms)	17.7784
latency_mean (ms)	0.9077
latency_variance (ms)	0.0041
pub_loop_res_min (ms)	-18314.12
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 (%)	16.7285
max_ram_usage (MB)	52.27

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