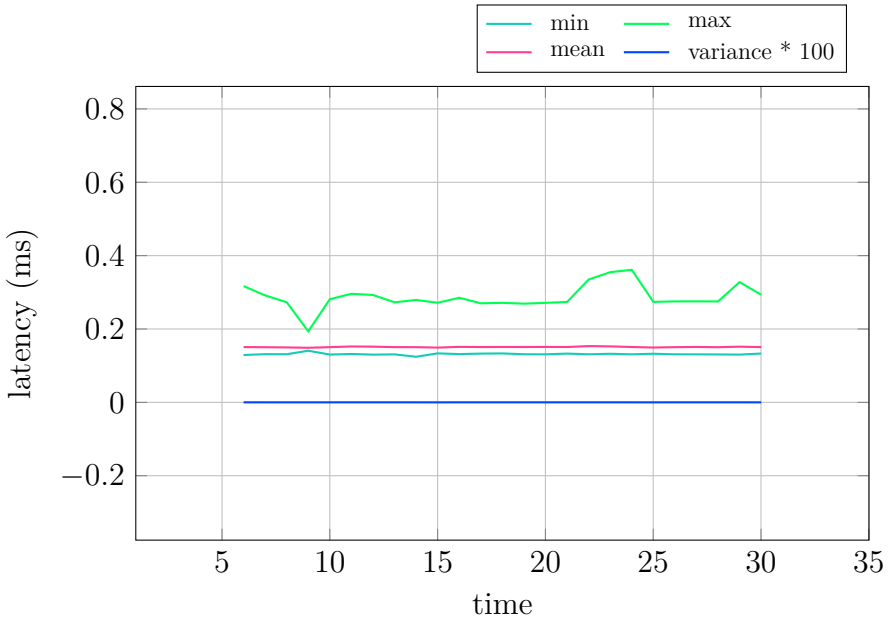
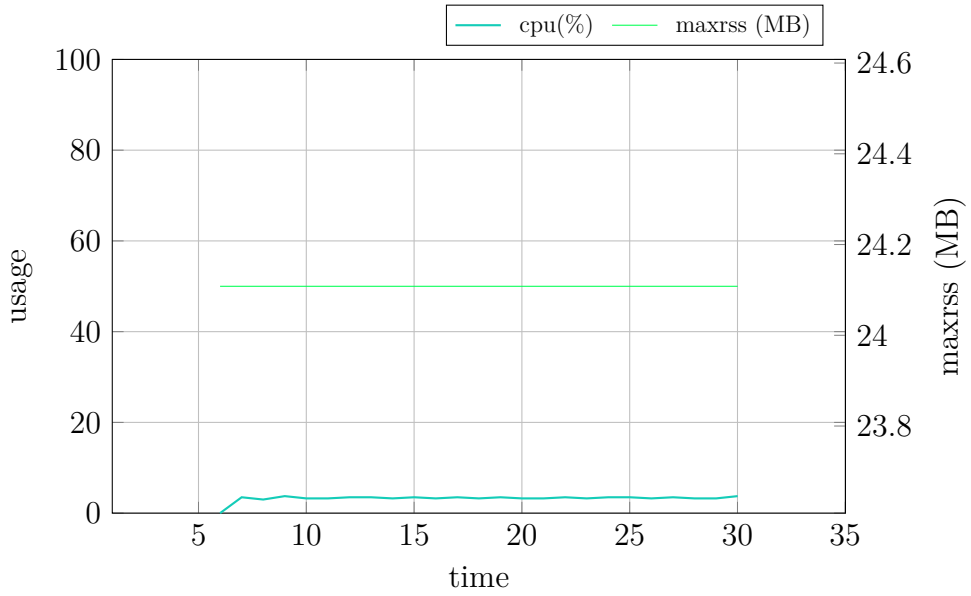
Performance fastrtps

Logfile name	edebb818-1e4c-4dbf-8119-0b9550bb53ee.csv
Experiment id	d1052e5f-6369-4d0e-aee1-146b8bba185d
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	500
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	499.16
sent	499.16
lost	0.0
relative_loss	0.0
data_received	8200104.28
latency_min (ms)	0.1316
latency_max (ms)	0.2872
latency_mean (ms)	0.1509
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7525
pub_loop_res_max (ms)	1.8886
pub_loop_res_mean (ms)	1.8713
pub_loop_res_variance (ms)	0.0
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 (%)	3.249
max_ram_usage (MB)	24.11

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