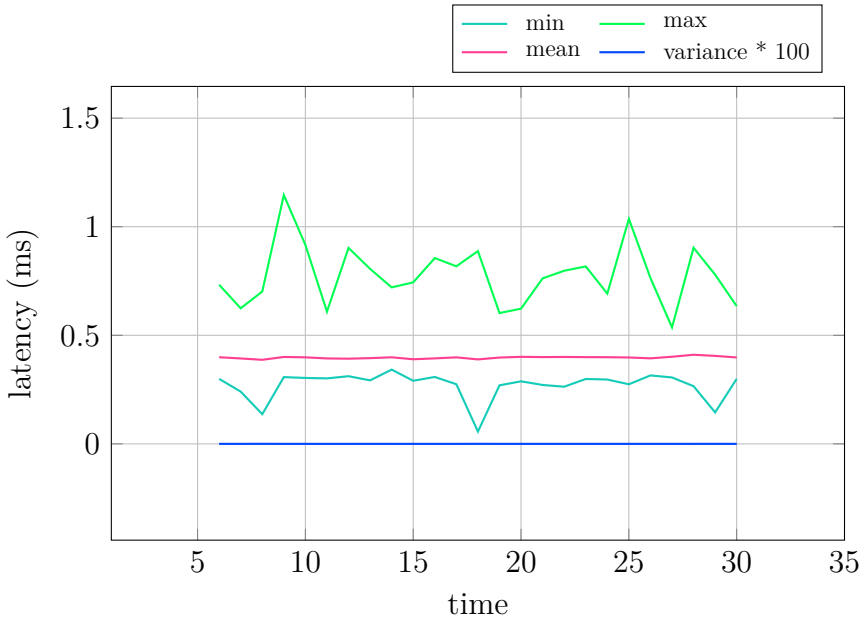
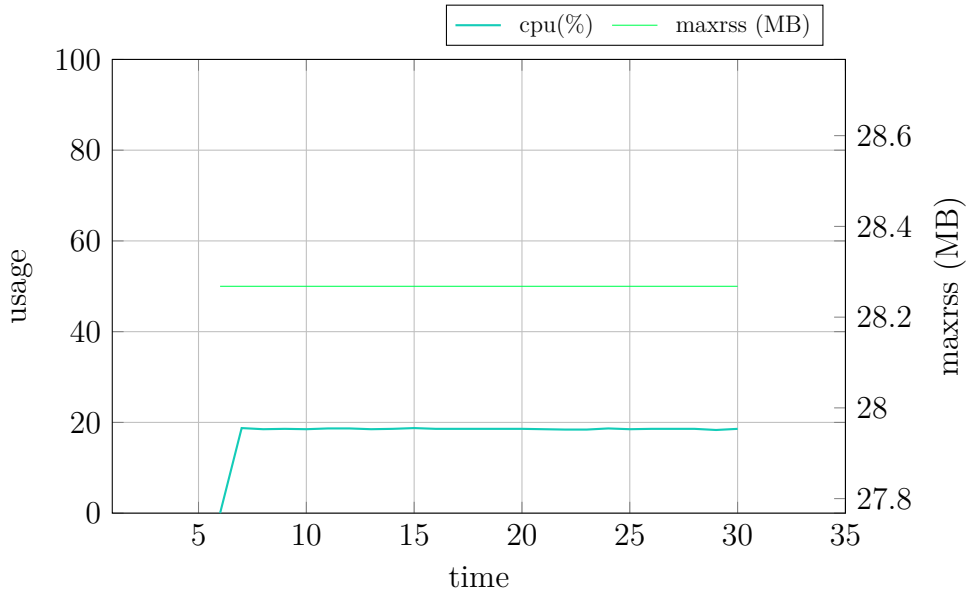
Performance fastrtps

Logfile name	6ca10867-1623-49fe-a669-43214985502a.csv
Experiment id	7c0ff8ce-750f-466c-ad19-75c5d830d035
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	217134.36
sent	256447.56
lost	39280.88
relative_loss	0.154
data_received	3561013495.6
latency_min (ms)	0.2703
latency_max (ms)	0.7764
latency_mean (ms)	0.3973
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-18009.2
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 (%)	17.8221
max_ram_usage (MB)	28.27

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