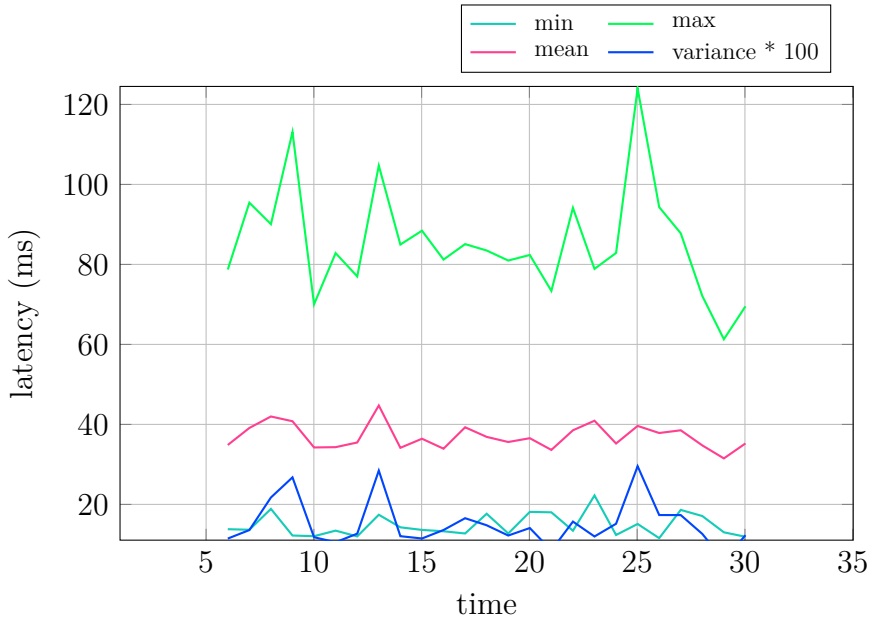
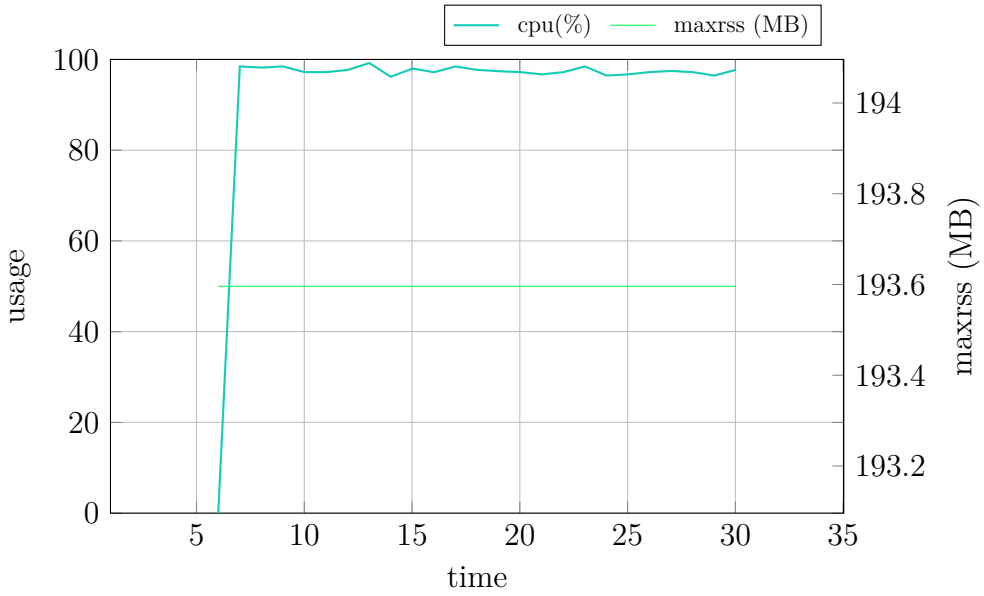
Performance fastrtps

Logfile name	54b146db-c22e-4fca-93ee-62ed4e930a44.csv
Experiment id	c5351fb2-f0b0-4ff2-9176-12893f40e72a
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	Array2m
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	1.0005
received	556.2
sent	55.68
lost	0.0
relative_loss	0.0
data_received	1186321800.4
latency_min (ms)	14.7688
latency_max (ms)	85.468
latency_mean (ms)	36.964
latency_variance (ms)	0.1513
pub_loop_res_min (ms)	-8073.72
pub_loop_res_max (ms)	-7649.36
pub_loop_res_mean (ms)	-7861.24
pub_loop_res_variance (ms)	15.748
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 (%)	93.6052
max_ram_usage (MB)	193.6

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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