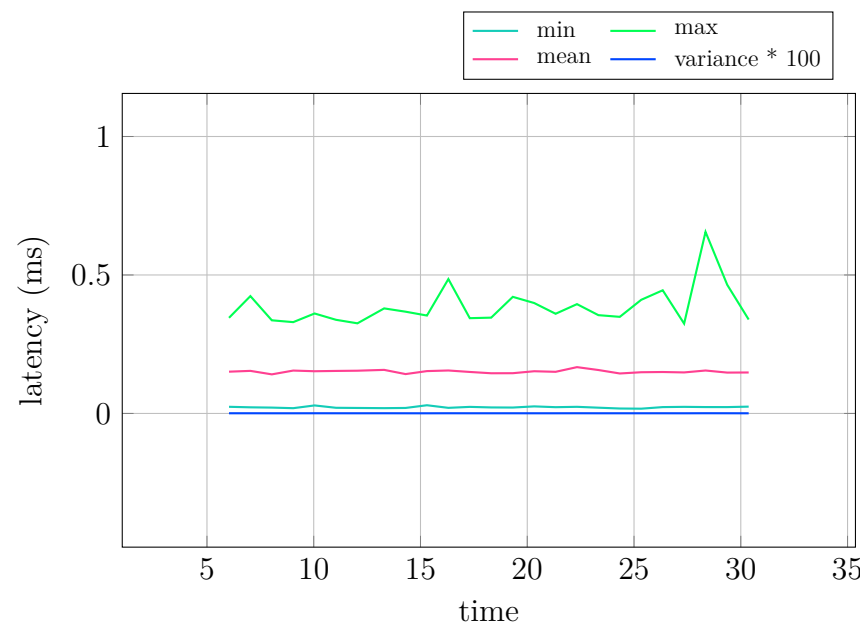
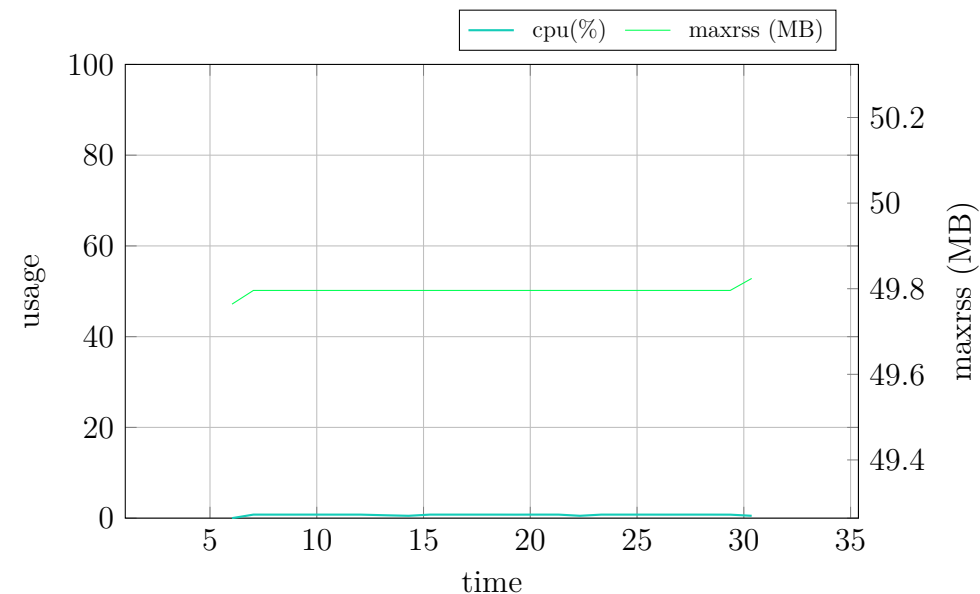


Performance fastrtps

Logfile name	0c541995-3875-4579-9ff7-170e31e92f56.csv
Experiment id	8e8022fc-dd15-40a0-8d7d-fc2a0458aa48
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	500
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	1.004
received	4992.96
sent	499.2
lost	0.0
relative_loss	0.0
data_received	81962503.04
latency_min (ms)	0.0222
latency_max (ms)	0.386
latency_mean (ms)	0.151
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-14.5676
pub_loop_res_max (ms)	1.9695
pub_loop_res_mean (ms)	-5.8306
pub_loop_res_variance (ms)	0.0205
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 (%)	0.7099
max_ram_usage (MB)	49.82

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