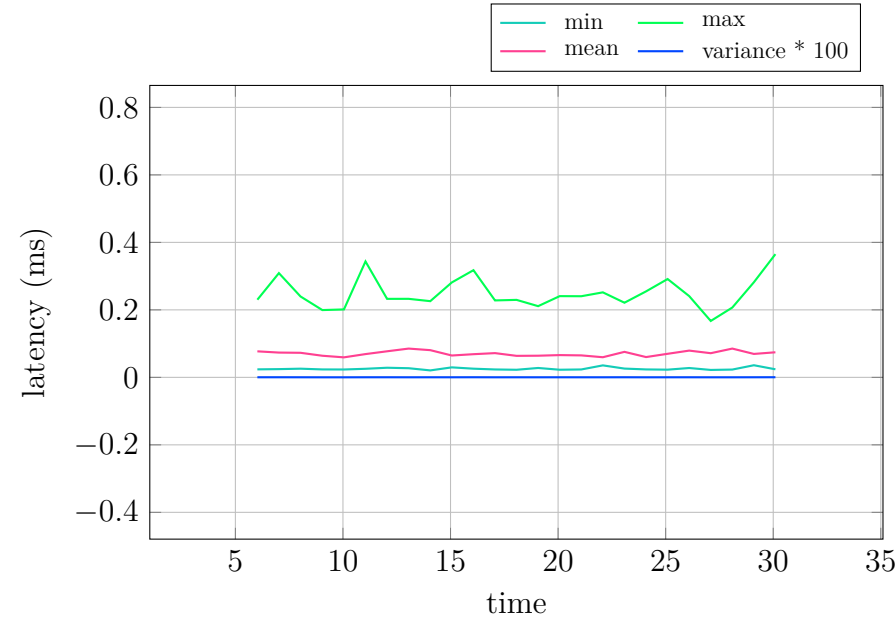
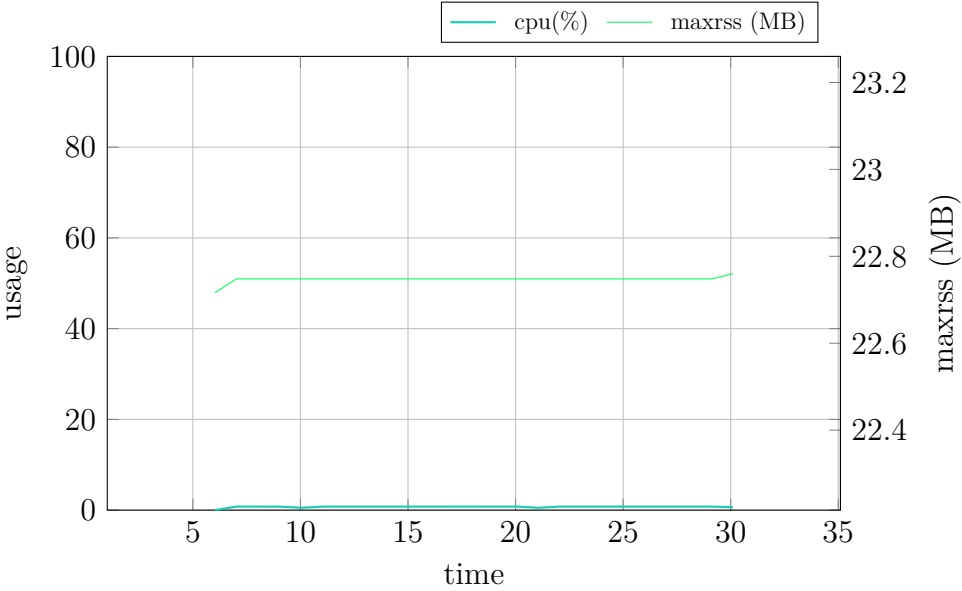


Performance fastrtps

Logfile name	54e755a6-fac1-4a31-8785-3ac86d3d3b2e.csv
Experiment id	c21465c8-7e4f-4716-bb3c-c53bda0fe594
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getusage](#))

test setup

Performance Test Version	
Publishing rate	100
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	1.0033
received	99.32
sent	99.28
lost	0.0
relative_loss	0.0
data_received	1640349.32
latency_min (ms)	0.0255
latency_max (ms)	0.2497
latency_mean (ms)	0.0707
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-5.692
pub_loop_res_max (ms)	9.7852
pub_loop_res_mean (ms)	2.1791
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 (%)	0.7216
max_ram_usage (MB)	22.76

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