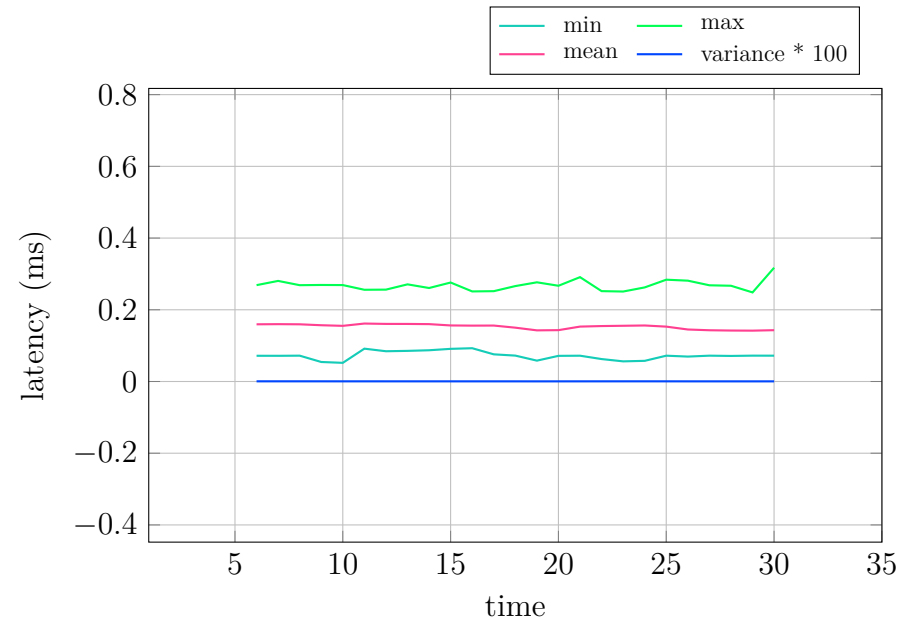
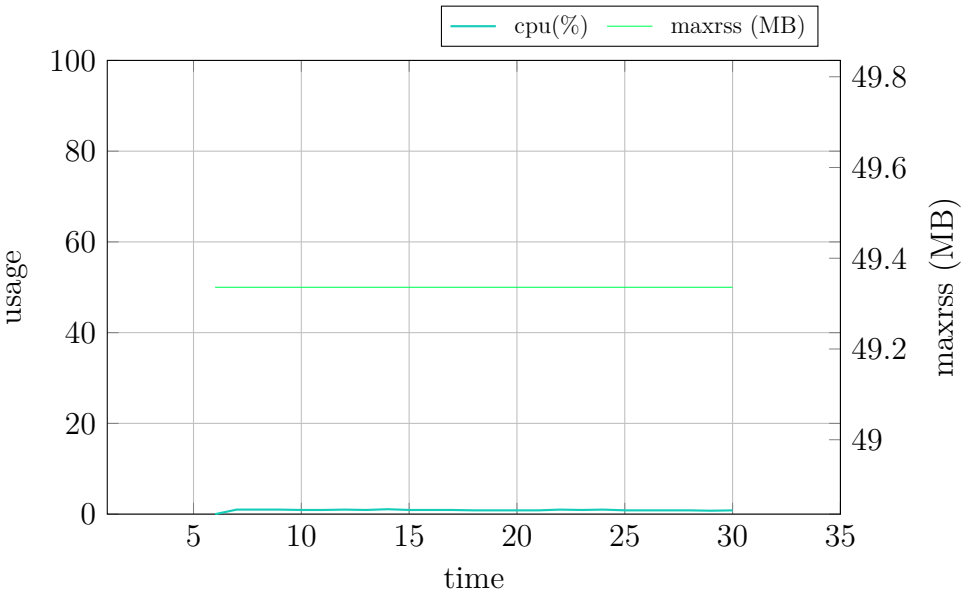


Performance fastrtps

Logfile name	8b244850-6632-4004-aaf6-3e597e9d8fb2.csv
Experiment id	c9b4dbe4-4bba-4621-b0e6-be454b8878d2
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	100
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	1.0001
received	990.0
sent	99.0
lost	0.0
relative_loss	0.0
data_received	16398056.16
latency_min (ms)	0.0724
latency_max (ms)	0.2684
latency_mean (ms)	0.153
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.897
pub_loop_res_max (ms)	9.9175
pub_loop_res_mean (ms)	9.9015
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 (%)	0.8696
max_ram_usage (MB)	49.34

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