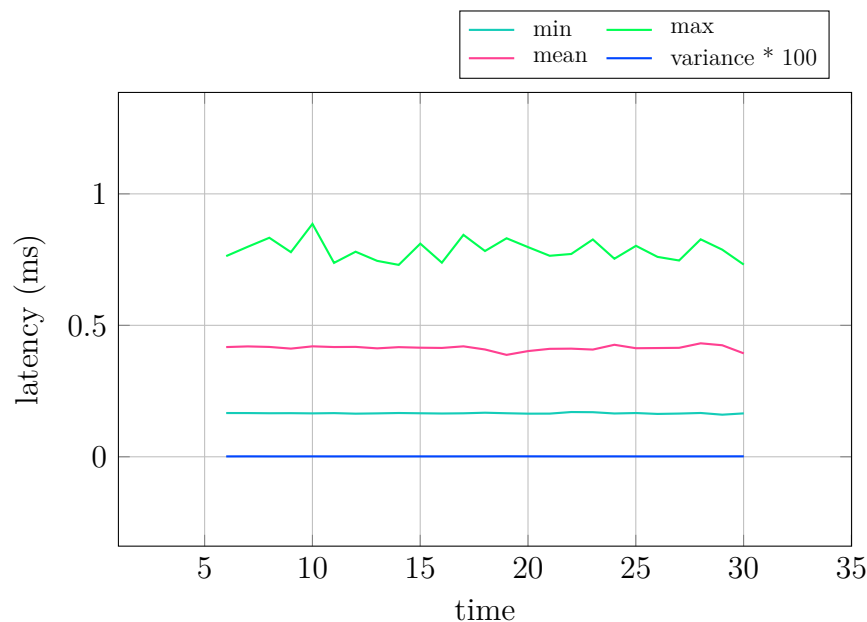
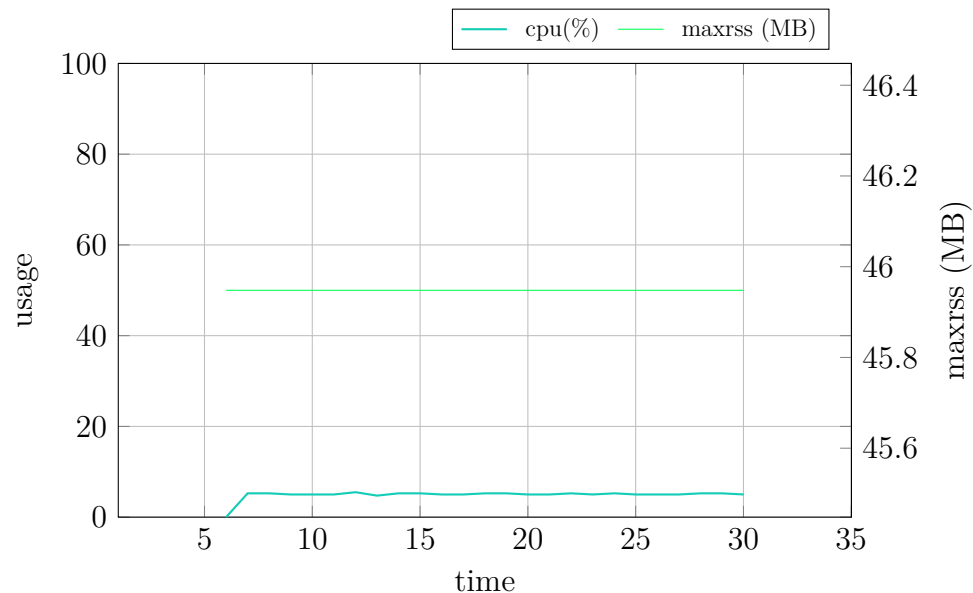


Performance fastrtps

Logfile name	7f4706f8-d509-474d-a663-2c1005d14c09.csv
Experiment id	b1553bb7-8665-42e5-9900-c3db83a2e53c
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	16394058.8
latency_min (ms)	0.1655
latency_max (ms)	0.7851
latency_mean (ms)	0.4137
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.7066
pub_loop_res_max (ms)	9.8641
pub_loop_res_mean (ms)	9.8316
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 (%)	4.9081
max_ram_usage (MB)	45.95

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