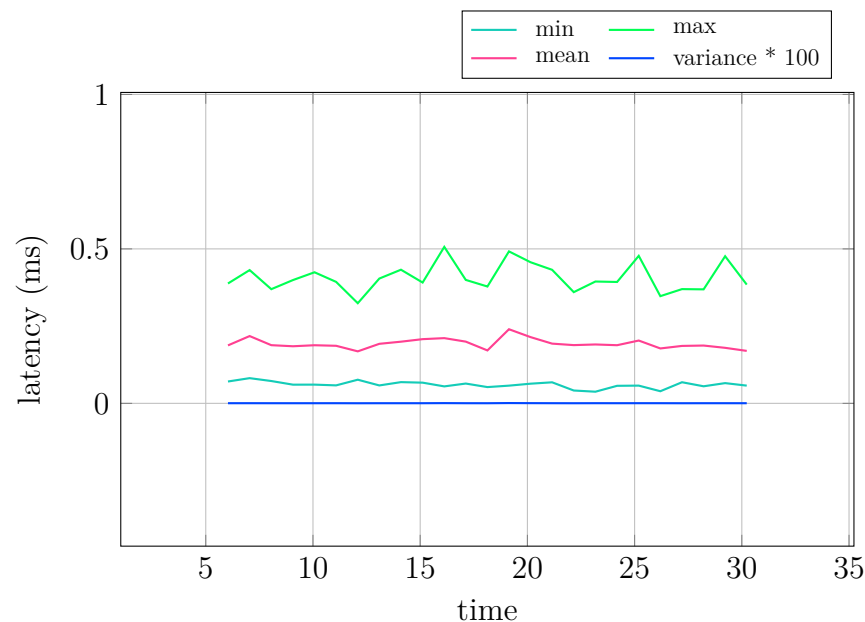
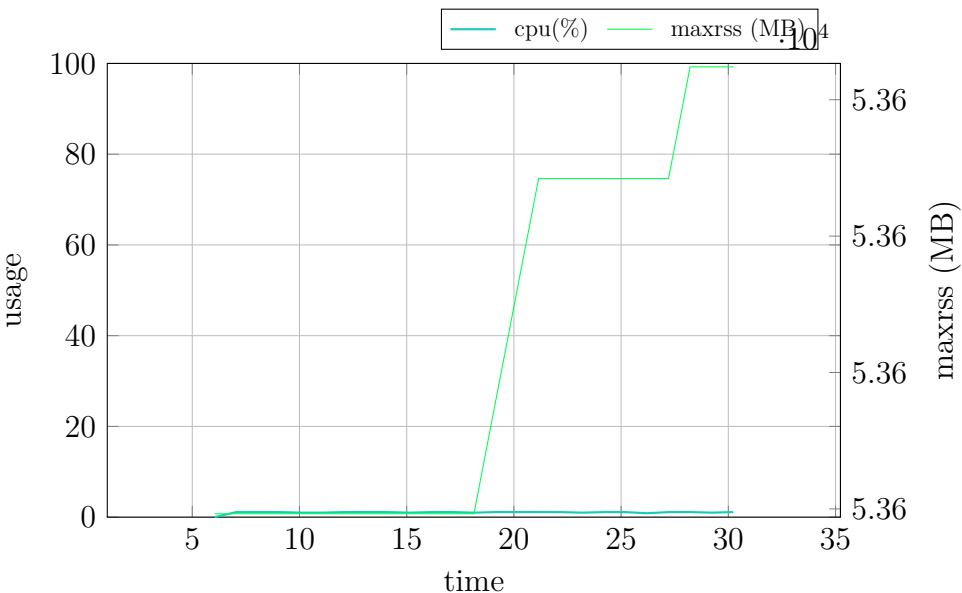


Performance fastrtps

Logfile name	887b5d36-6504-4fc4-8b93-f909aec09c62.csv
Experiment id	4c091bd7-31aa-405c-bfb9-683f8f7d4477
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
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	1.0077
received	191.6
sent	19.16
lost	0.0
relative_loss	0.0
data_received	3280085.68
latency_min (ms)	0.0605
latency_max (ms)	0.4078
latency_mean (ms)	0.1929
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.8248
pub_loop_res_max (ms)	49.028
pub_loop_res_mean (ms)	42.6112
pub_loop_res_variance (ms)	0.0107
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 (%)	1.0317
max_ram_usage (MB)	53624.83

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