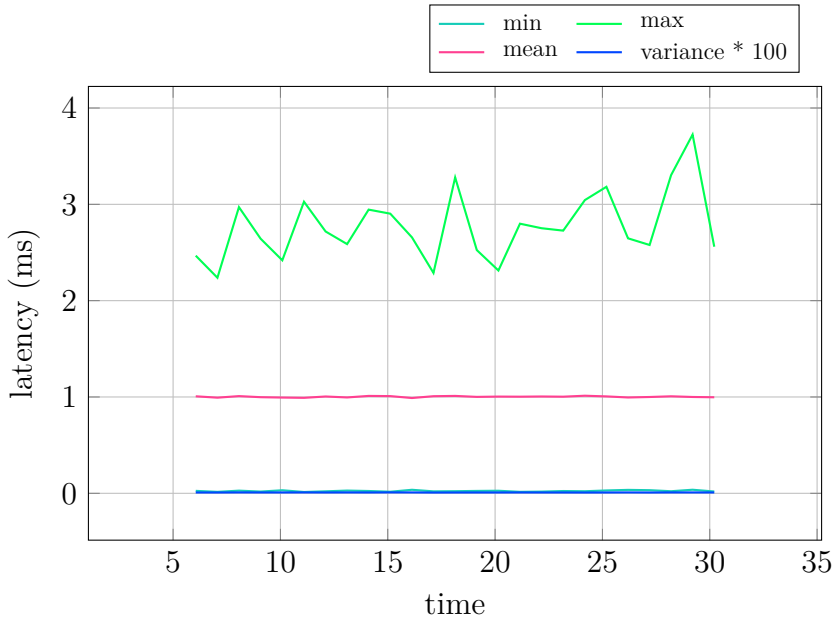
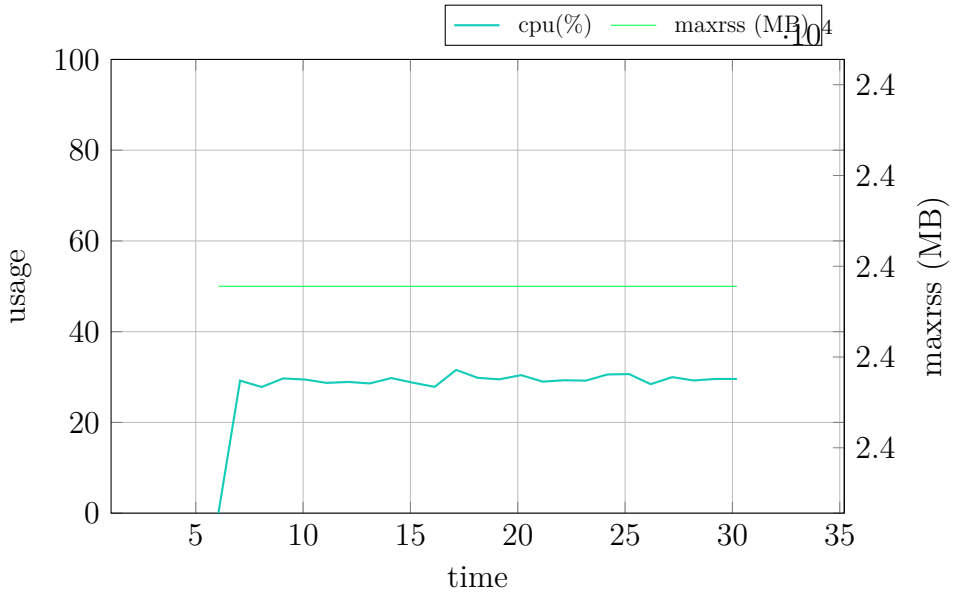
Performance fastrtps

Logfile name	7f8b65ec-af05-48d9-8f1f-5af8aa8dd432.csv
Experiment id	8ee5a083-bd5b-4acc-92d5-ce8bbbcf6f87
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	0
Topic name	Struct16
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0066
received	127998.84
sent	234384.48
lost	575443.2
relative_loss	2.4536
data_received	4096012.12
latency_min (ms)	0.0241
latency_max (ms)	2.7718
latency_mean (ms)	1.0022
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-18158.72
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612000000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	28.2236
max_ram_usage (MB)	24018.94

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct16
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