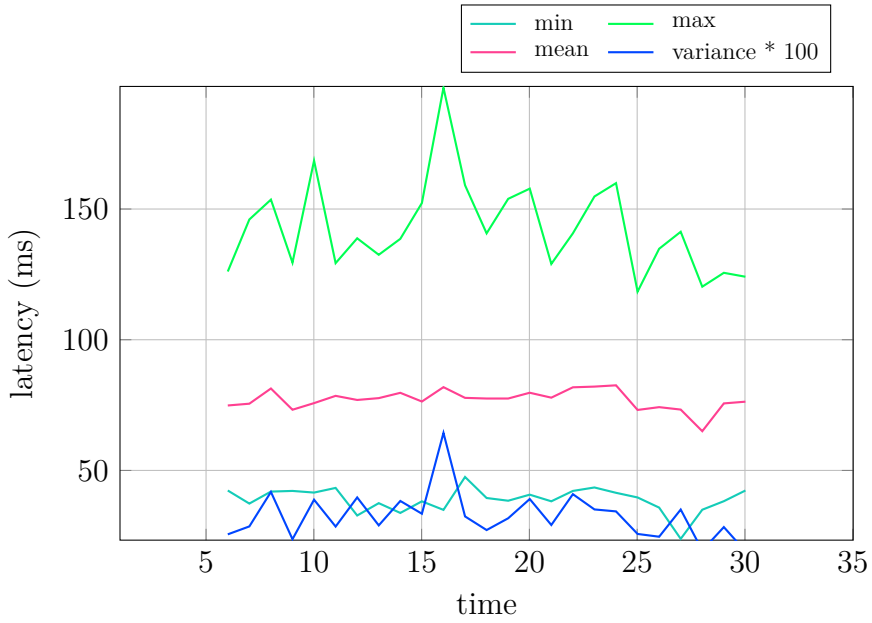
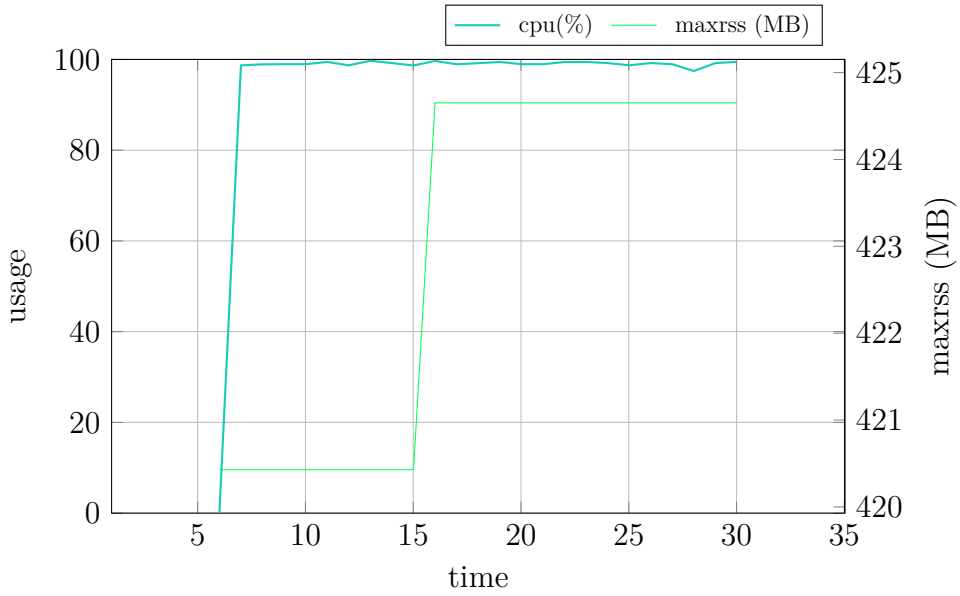
Performance fastrtps

Logfile name	55b34618-abdd-4407-a2e5-9f86136af422.csv
Experiment id	c97ee94a-1a6c-42c8-ad29-47af7870619b
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	PointCloud4m
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	1.0002
received	270.52
sent	27.08
lost	0.0
relative_loss	0.0
data_received	1176630453.68
latency_min (ms)	38.8708
latency_max (ms)	142.88
latency_mean (ms)	77.044
latency_variance (ms)	0.3255
pub_loop_res_min (ms)	-14447.72
pub_loop_res_max (ms)	-13757.0
pub_loop_res_mean (ms)	-14105.4
pub_loop_res_variance (ms)	42.9364
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 (%)	95.096
max_ram_usage (MB)	424.65

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud4m
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