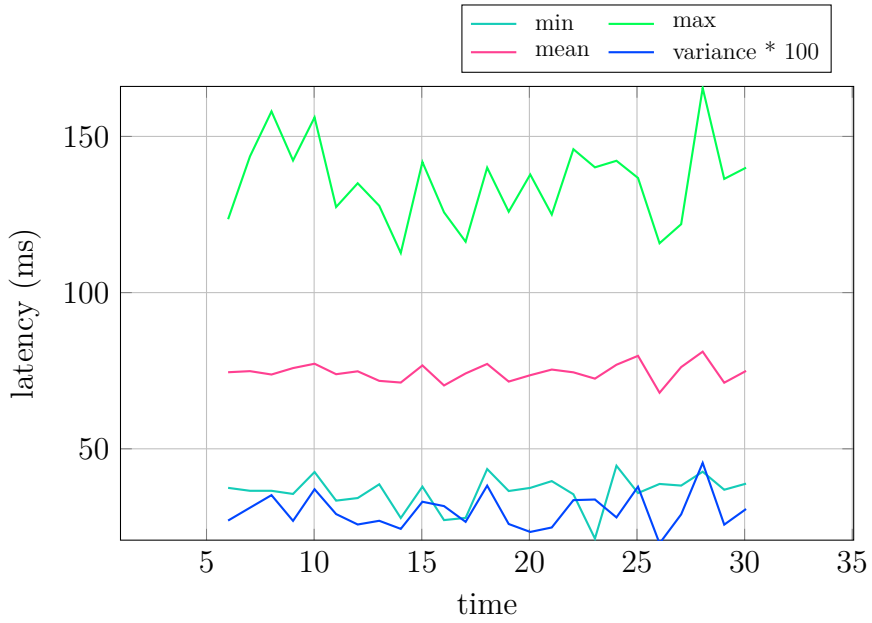
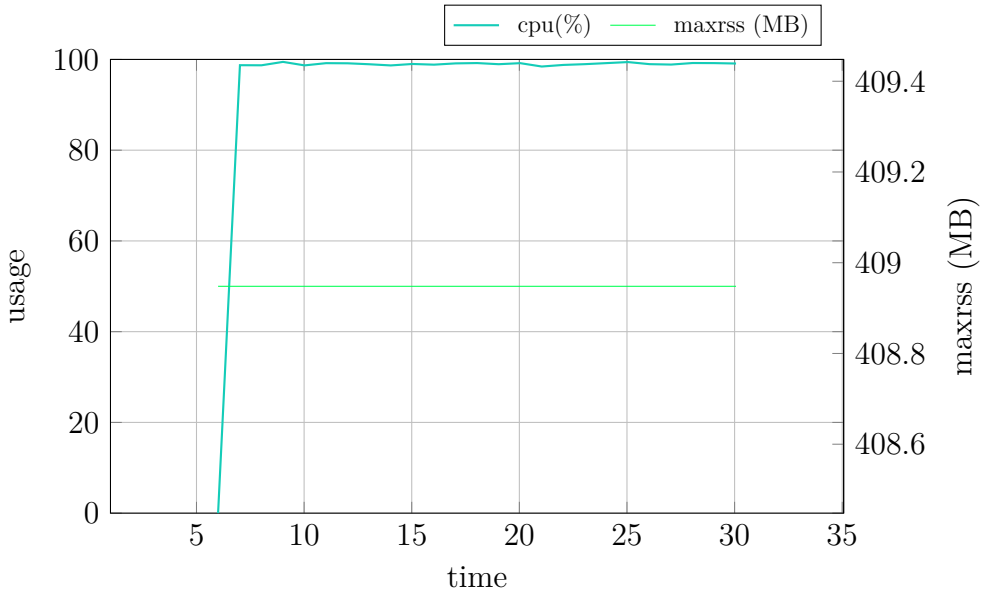
Performance fastrtps

Logfile name	2abbf52d-8645-44cb-92cb-67bd425a6dde.csv
Experiment id	183adc8b-5555-4be8-9ab8-ac87ad8c9420
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	500
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	1.0016
received	272.76
sent	27.24
lost	0.0
relative_loss	0.0
data_received	1183662369.56
latency_min (ms)	36.2204
latency_max (ms)	135.336
latency_mean (ms)	74.4604
latency_variance (ms)	0.3005
pub_loop_res_min (ms)	-19173.16
pub_loop_res_max (ms)	-18261.96
pub_loop_res_mean (ms)	-18714.84
pub_loop_res_variance (ms)	74.7656
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 (%)	95.0392
max_ram_usage (MB)	408.95

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