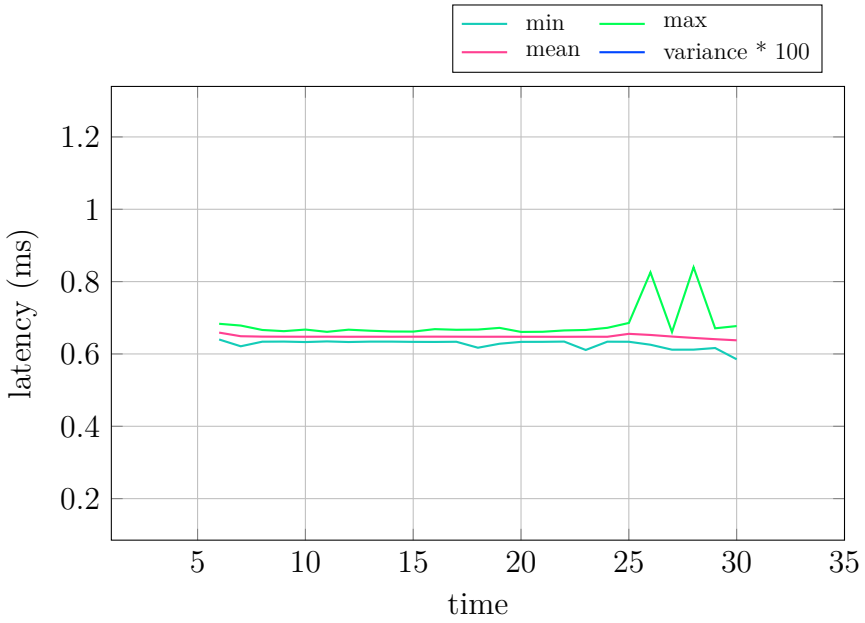
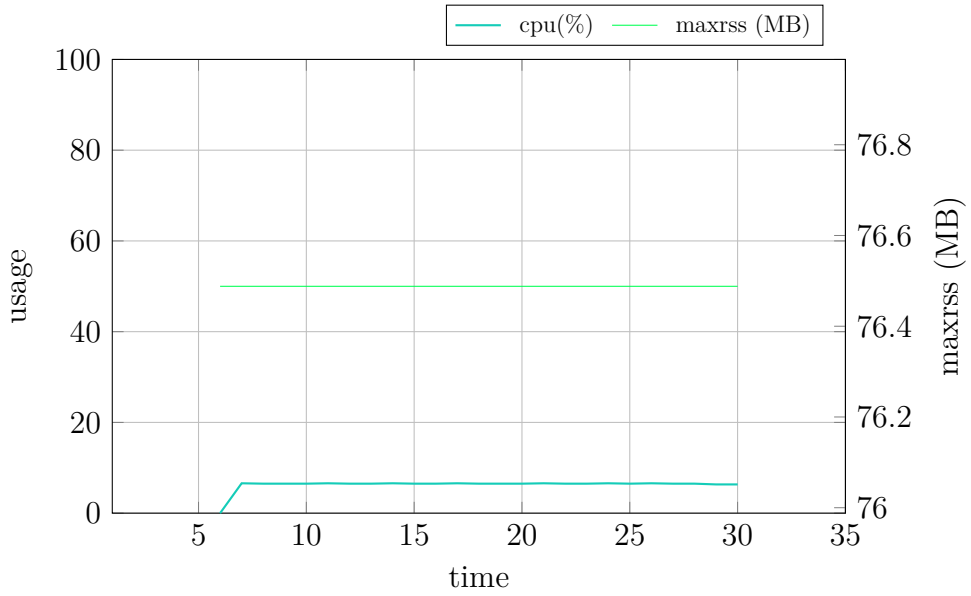
Performance fastrtps

Logfile name	034ad739-50ec-472e-a24e-4d5f6caf9131.csv
Experiment id	471f1561-f89a-426f-89c3-58a837237548
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	Array2m
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	1.0001
received	1497.12
sent	499.04
lost	0.0
relative_loss	0.0
data_received	3145717816.0
latency_min (ms)	0.627
latency_max (ms)	0.6814
latency_mean (ms)	0.6479
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7372
pub_loop_res_max (ms)	1.758
pub_loop_res_mean (ms)	1.7529
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 (%)	6.2489
max_ram_usage (MB)	76.49

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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