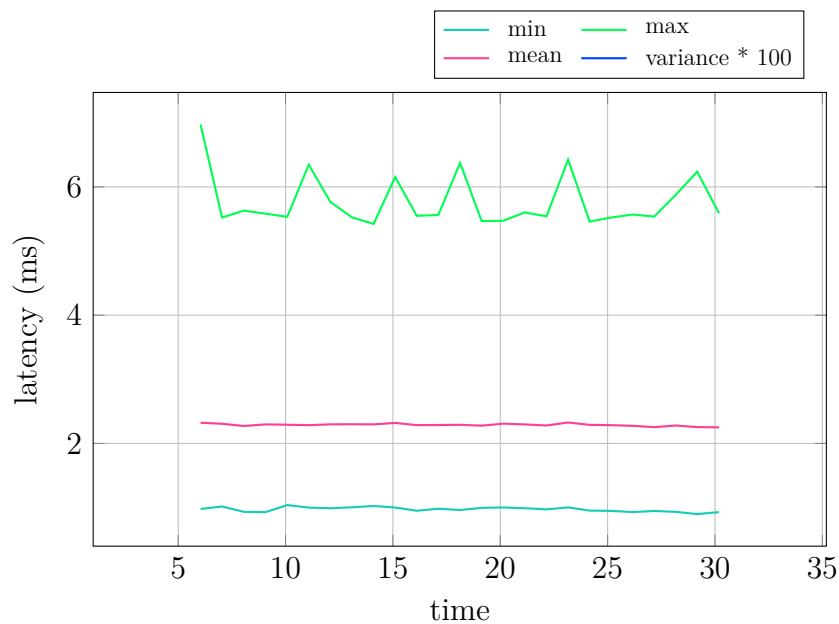
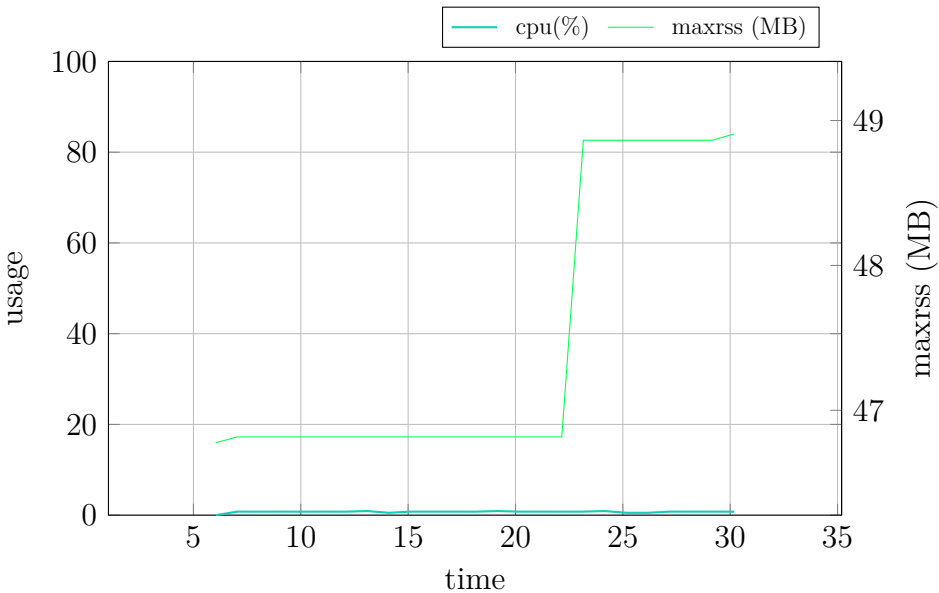


Performance fastrtps

Logfile name	0677d5b2-4a13-42d9-88df-77b8e5d8d61a.csv
Experiment id	991ffd46-8d93-4777-b402-d83e5eed4c35
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	500
Topic name	Array2m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0059
received	499.52
sent	499.52
lost	0.0
relative_loss	0.0
data_received	1048570925.08
latency_min (ms)	0.9726
latency_max (ms)	5.7693
latency_mean (ms)	2.2894
latency_variance (ms)	0.0007
pub_loop_res_min (ms)	-13.878
pub_loop_res_max (ms)	1.8905
pub_loop_res_mean (ms)	-5.5785
pub_loop_res_variance (ms)	0.0186
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 (%)	0.7298
max_ram_usage (MB)	48.91

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