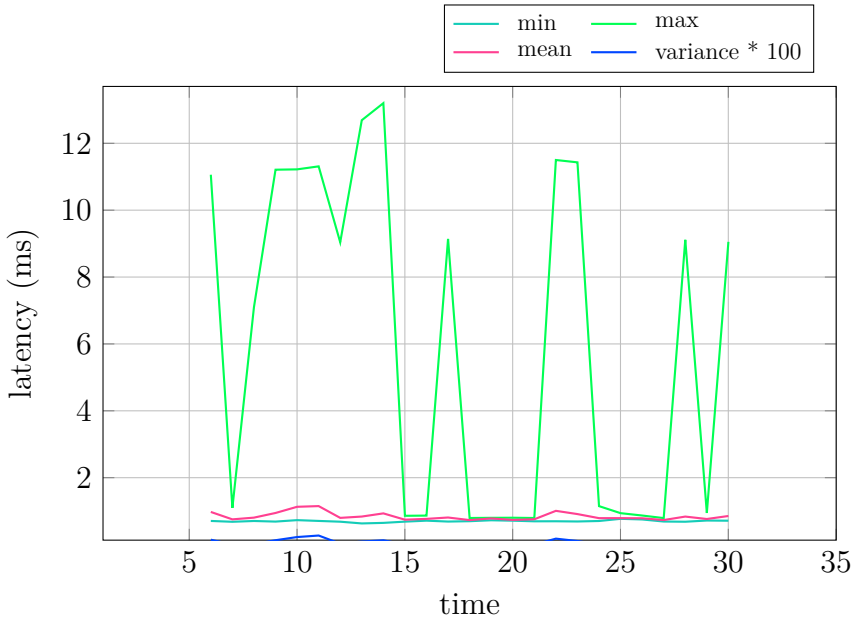
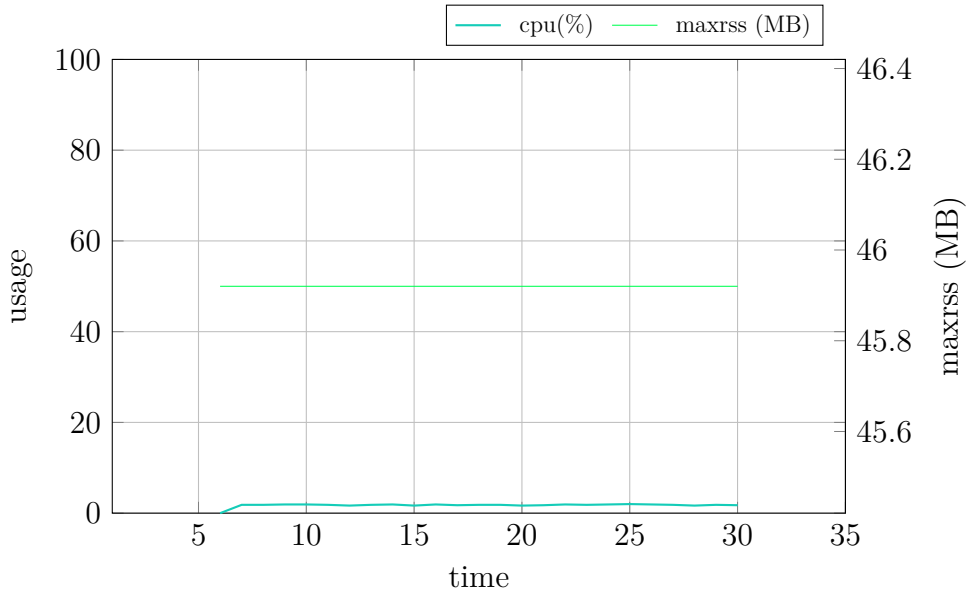
Performance fastrtps

Logfile name	3eeb2714-d00d-4cbe-84a3-4a58cf375c56.csv
Experiment id	613ae0e0-aa00-4113-a94c-a94aada60251
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	0
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	499.08
sent	0.0
lost	0.0
relative_loss	nan
data_received	1048580904.28
latency_min (ms)	0.7013
latency_max (ms)	5.9112
latency_mean (ms)	0.8457
latency_variance (ms)	0.0006
pub_loop_res_min (ms)	inf
pub_loop_res_max (ms)	-inf
pub_loop_res_mean (ms)	0.0
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 (%)	1.7526
max_ram_usage (MB)	45.92

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