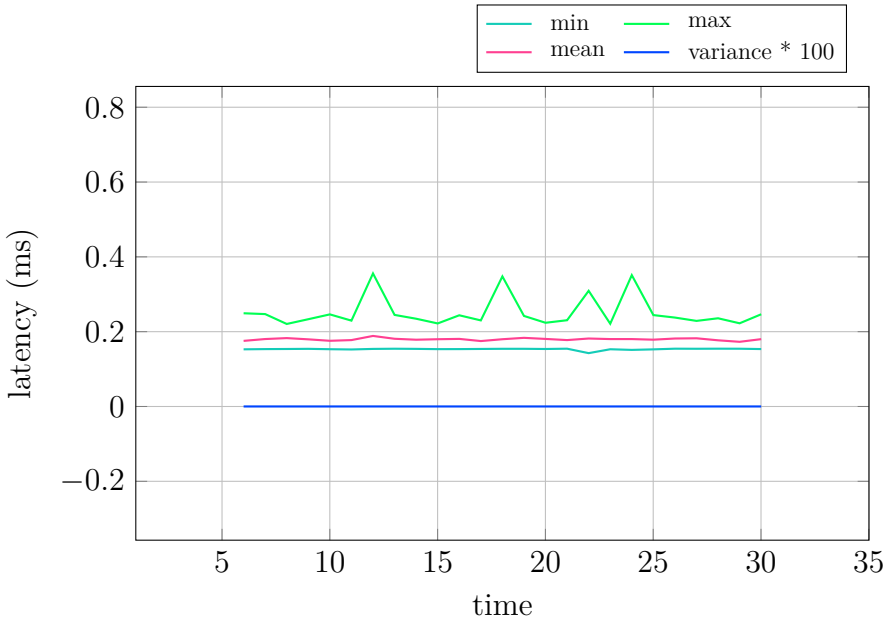
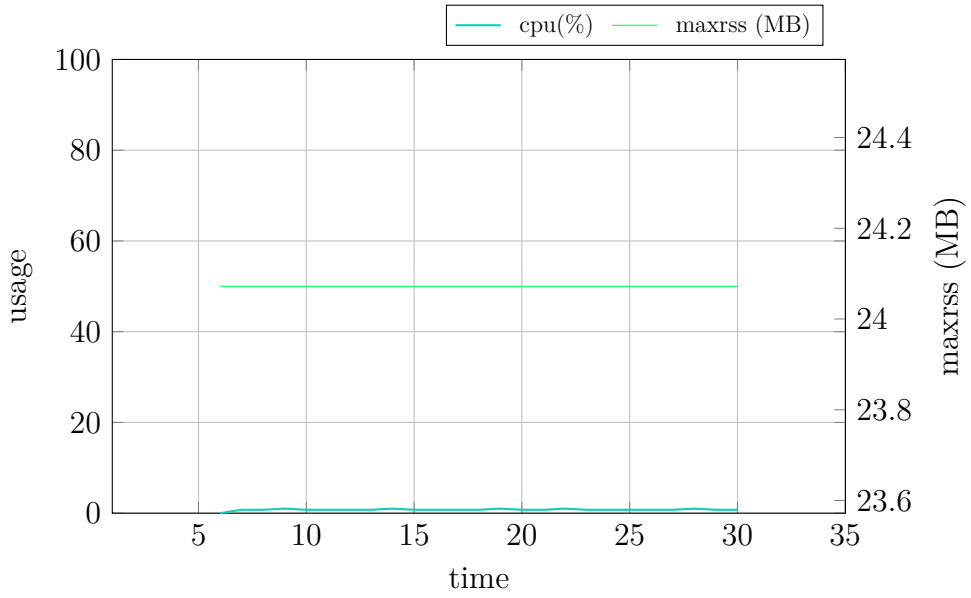
Performance fastrtps

Logfile name	741a4f24-15af-40bd-a4e4-4b3e32432b9a.csv
Experiment id	448f6cec-26c5-424b-9ac1-1069f3a33299
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	Array16k
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	1.0001
received	99.0
sent	99.0
lost	0.0
relative_loss	0.0
data_received	1639453.48
latency_min (ms)	0.1532
latency_max (ms)	0.2519
latency_mean (ms)	0.1796
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.8011
pub_loop_res_max (ms)	9.876
pub_loop_res_mean (ms)	9.8516
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 (%)	0.7697
max_ram_usage (MB)	24.07

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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