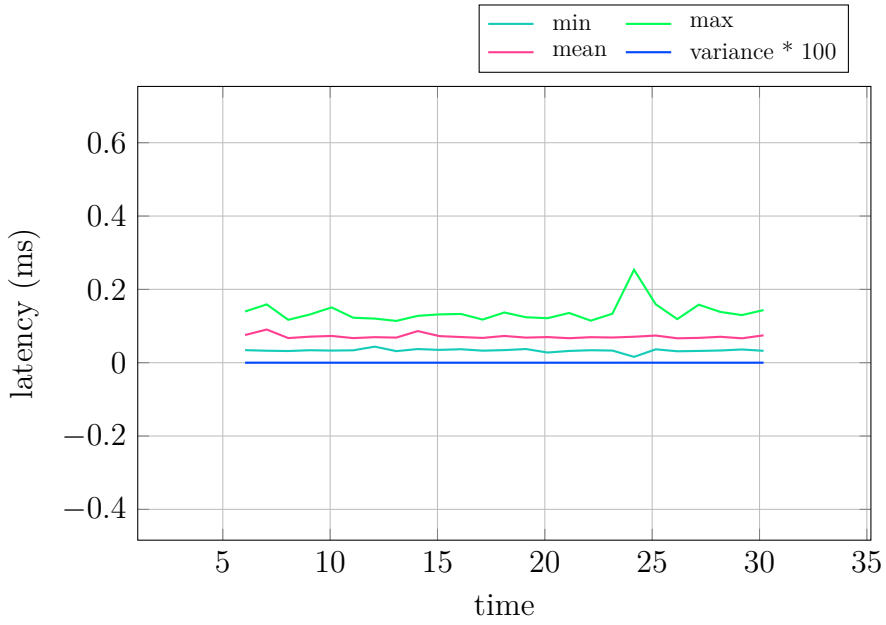
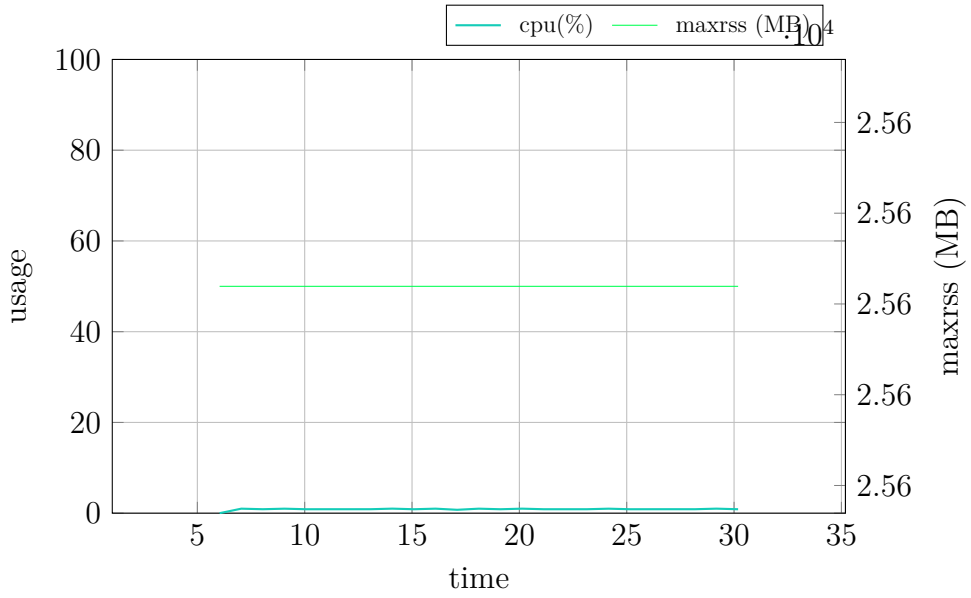
Performance fastrtps

Logfile name	788e50d2-e266-4452-b6e4-ae8846197730.csv
Experiment id	7fbc6c87-9806-429a-a487-88096dbaf53f
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
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	1.0061
received	99.4
sent	99.36
lost	0.0
relative_loss	0.0
data_received	1640078.56
latency_min (ms)	0.0333
latency_max (ms)	0.1373
latency_mean (ms)	0.0715
latency_variance (ms)	0.0
pub_loop_res_min (ms)	5.1914
pub_loop_res_max (ms)	9.6608
pub_loop_res_mean (ms)	6.8891
pub_loop_res_variance (ms)	0.0007
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 (%)	0.8695
max_ram_usage (MB)	25575.42

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