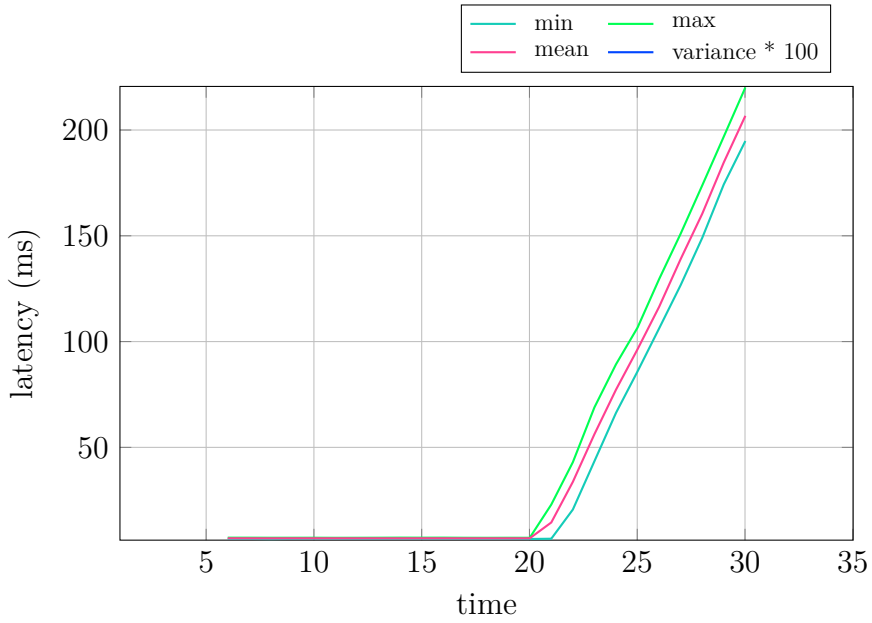
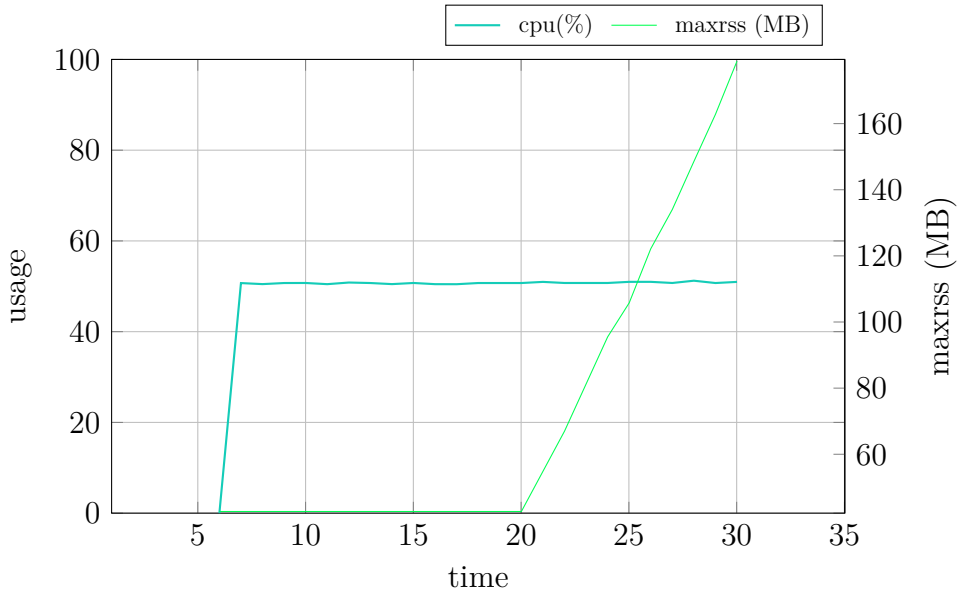
Performance fastrtps

Logfile name	d795d033-046d-46a4-b487-840bc44e6cf4.csv
Experiment id	6ab269db-9fce-48b1-963a-f695f7f734ff
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	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	295.04
sent	297.72
lost	0.0
relative_loss	0.0
data_received	620466648.72
latency_min (ms)	43.0107
latency_max (ms)	52.45
latency_mean (ms)	47.6188
latency_variance (ms)	0.0158
pub_loop_res_min (ms)	-7636.4
pub_loop_res_max (ms)	-7234.64
pub_loop_res_mean (ms)	-7435.56
pub_loop_res_variance (ms)	13.6244
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 (%)	48.7092
max_ram_usage (MB)	178.91

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