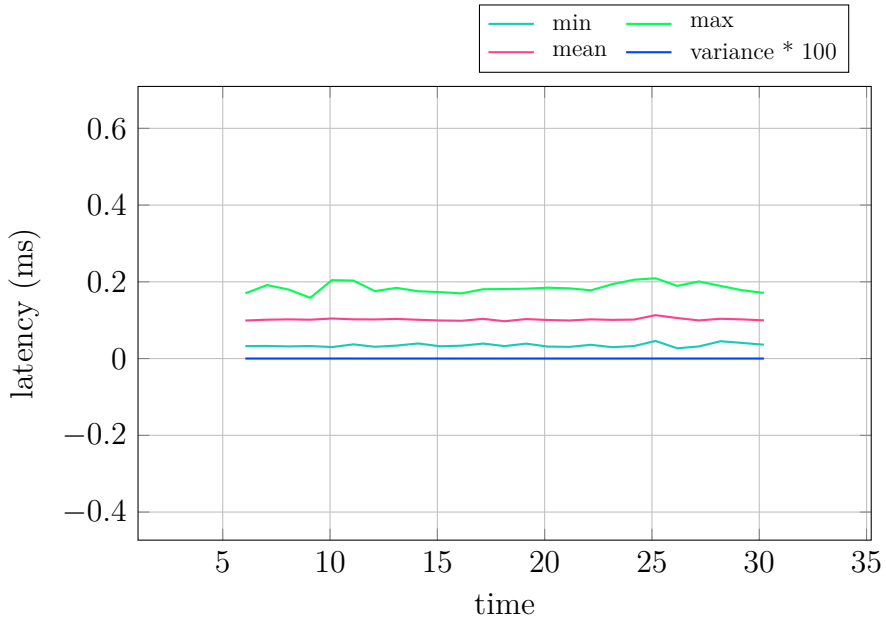
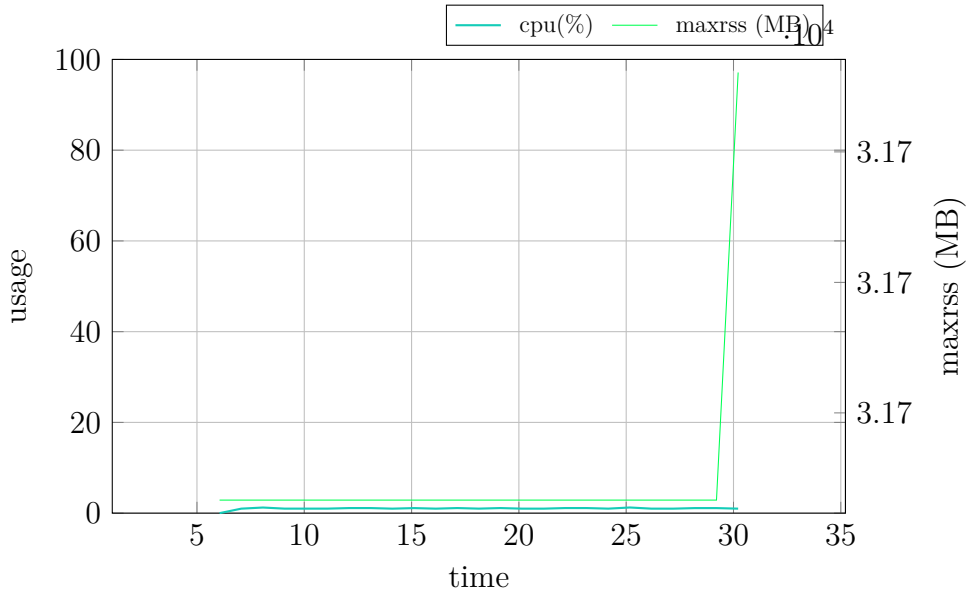
Performance fastrtps

Logfile name	dc5beeb7-178e-43d7-aee5-721c57dcb955.csv
Experiment id	7cb65812-bc81-4ba9-ac54-88e3783dfa82
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	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0067
received	298.2
sent	99.44
lost	0.0
relative_loss	0.0
data_received	4919349.76
latency_min (ms)	0.0345
latency_max (ms)	0.1845
latency_mean (ms)	0.1019
latency_variance (ms)	0.0
pub_loop_res_min (ms)	5.1975
pub_loop_res_max (ms)	9.6878
pub_loop_res_mean (ms)	6.915
pub_loop_res_variance (ms)	0.0008
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 (%)	1.0182
max_ram_usage (MB)	31703.04

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