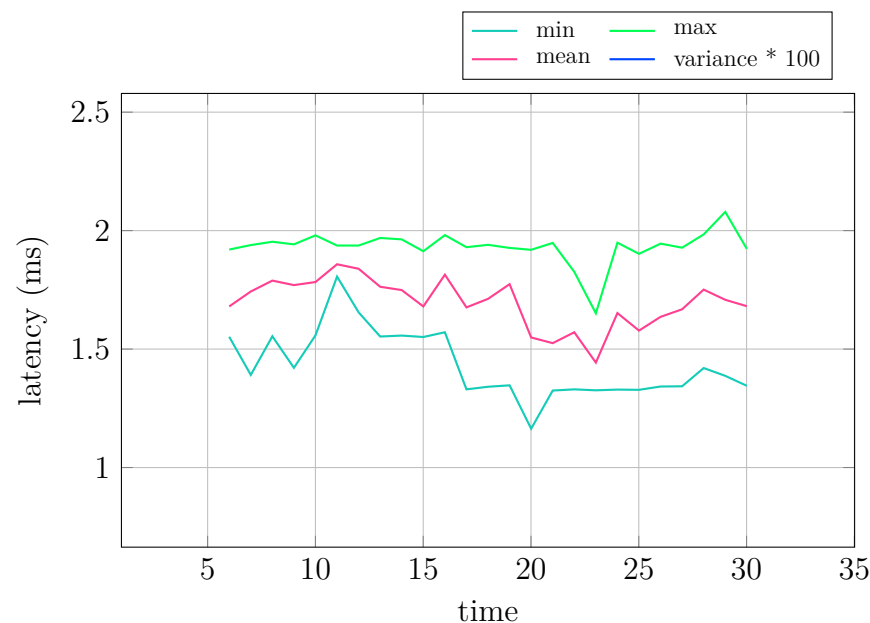
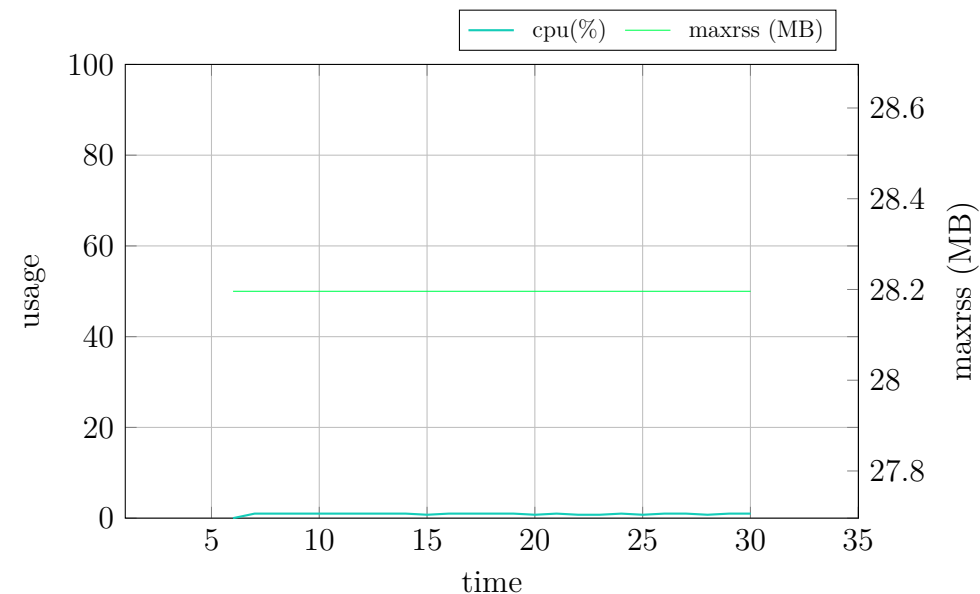


Performance fastrtps

Logfile name	38010ded-8a95-44eb-b3a1-6ba19fe24856.csv
Experiment id	8d070b79-b2b1-45e2-ab7f-3a9d1428a66a
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	Struct32k
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	1.0002
received	19.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	1353993.36
latency_min (ms)	1.433
latency_max (ms)	1.9314
latency_mean (ms)	1.6957
latency_variance (ms)	0.0
pub_loop_res_min (ms)	48.7968
pub_loop_res_max (ms)	49.1244
pub_loop_res_mean (ms)	48.9392
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 (%)	0.8996
max_ram_usage (MB)	28.2

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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