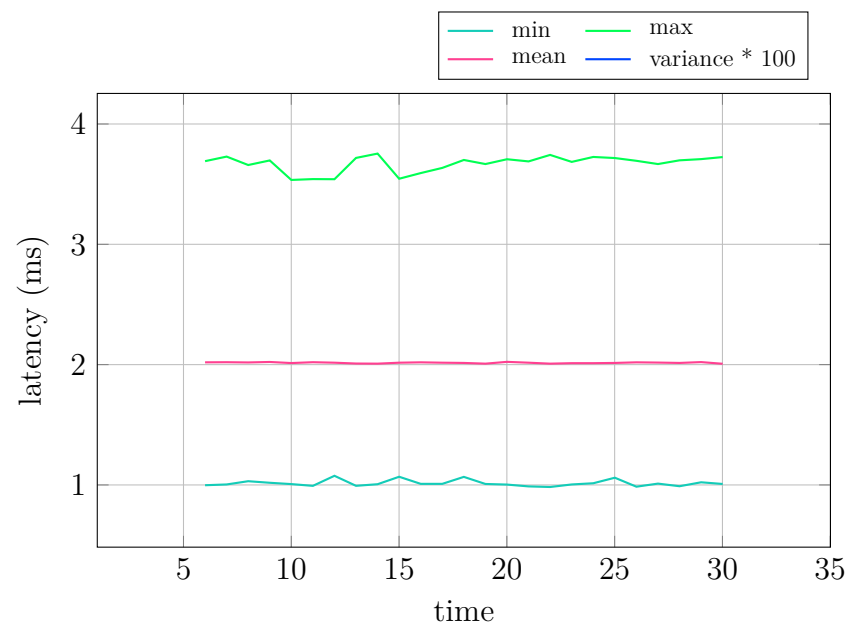
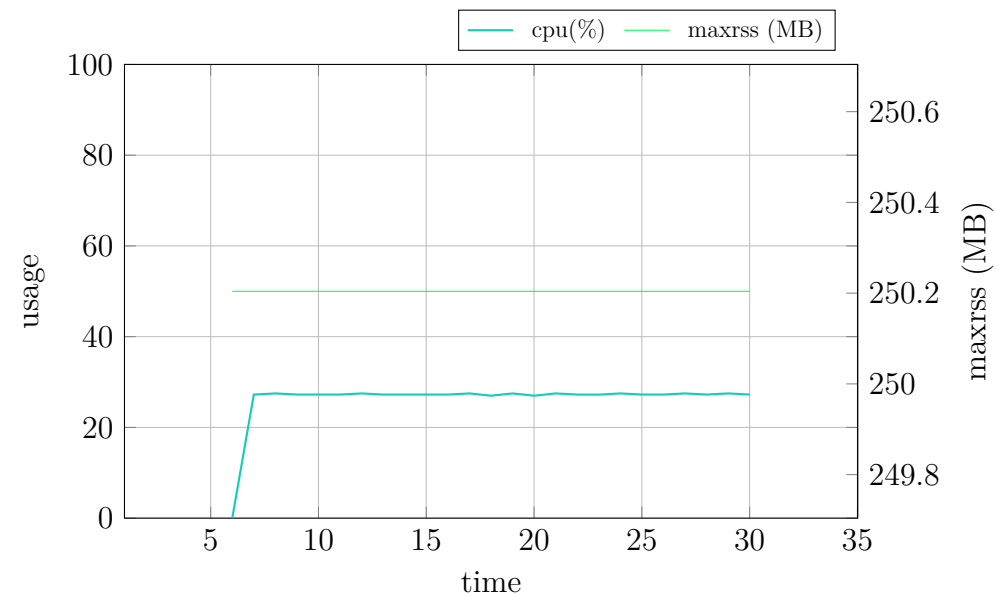


Performance cyclonedds

Logfile name	7c6dde2a-5fc3-44fd-87e9-d386272b96ea.csv
Experiment id	6abcb469-5402-4c54-bdfc-d9d4ccf5e884
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	Struct32k
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	990.4
sent	99.04
lost	0.0
relative_loss	0.0
data_received	67728384.44
latency_min (ms)	1.0141
latency_max (ms)	3.6706
latency_mean (ms)	2.0152
latency_variance (ms)	0.0006
pub_loop_res_min (ms)	9.3555
pub_loop_res_max (ms)	9.6809
pub_loop_res_mean (ms)	9.6281
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 (%)	26.2096
max_ram_usage (MB)	250.2

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0