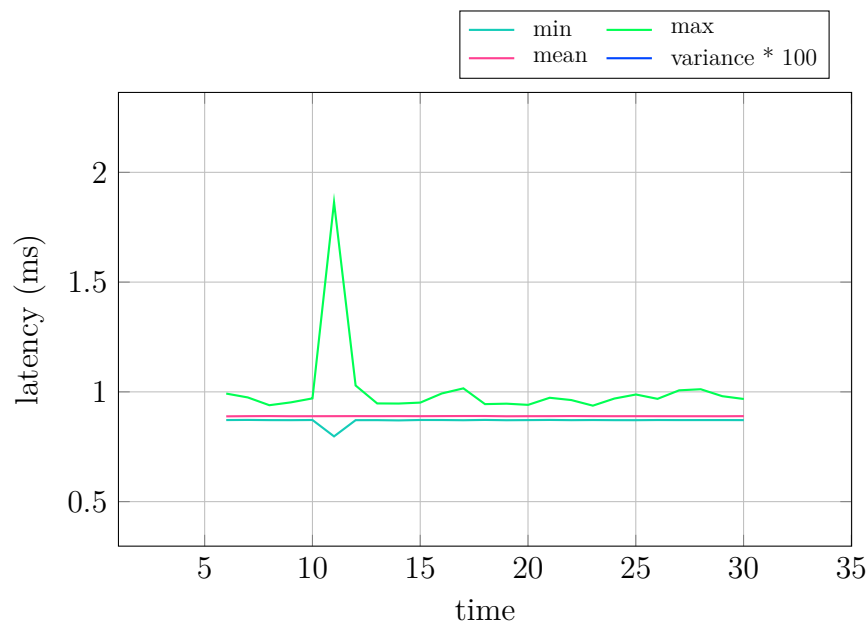
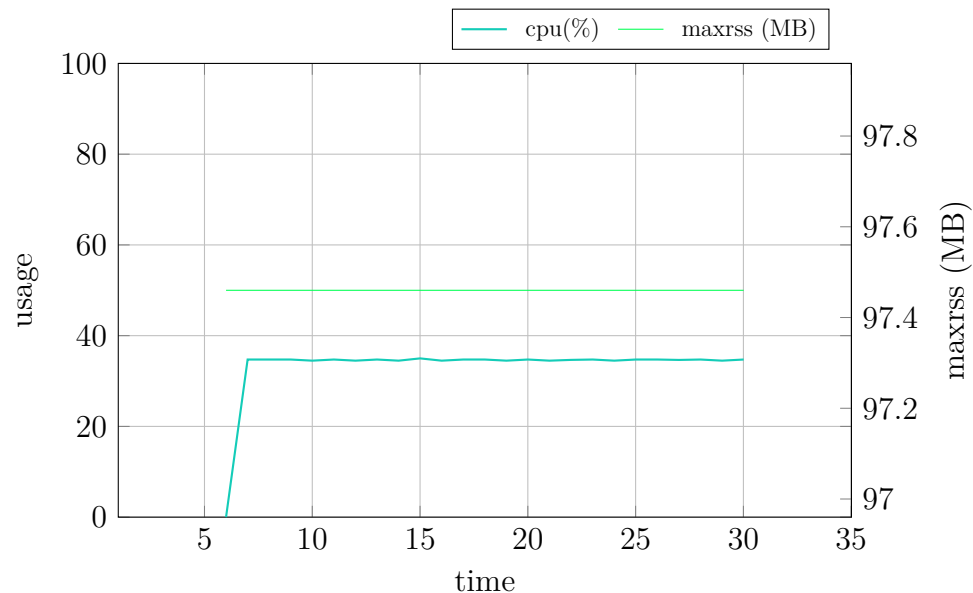


Performance cyclonedds

Logfile name	3846869d-5ddc-4bb3-be2b-cccb44dd7161.csv
Experiment id	3509db11-2284-4907-aa51-7c803296d6a4
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	Struct32k
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	1.0001
received	1497.48
sent	499.2
lost	0.0
relative_loss	0.0
data_received	101590655.84
latency_min (ms)	0.8684
latency_max (ms)	1.0069
latency_mean (ms)	0.8893
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7976
pub_loop_res_max (ms)	1.8675
pub_loop_res_mean (ms)	1.8564
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 (%)	33.2736
max_ram_usage (MB)	97.46

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