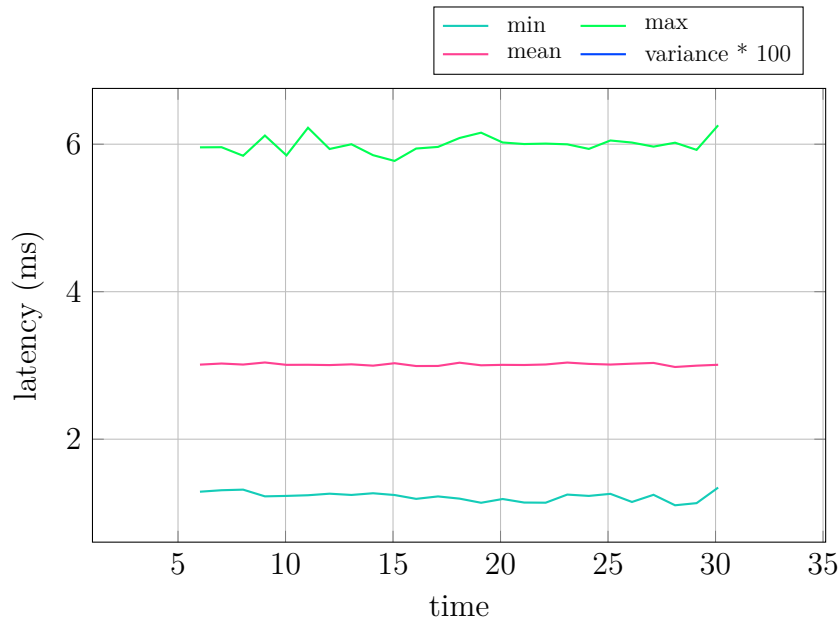
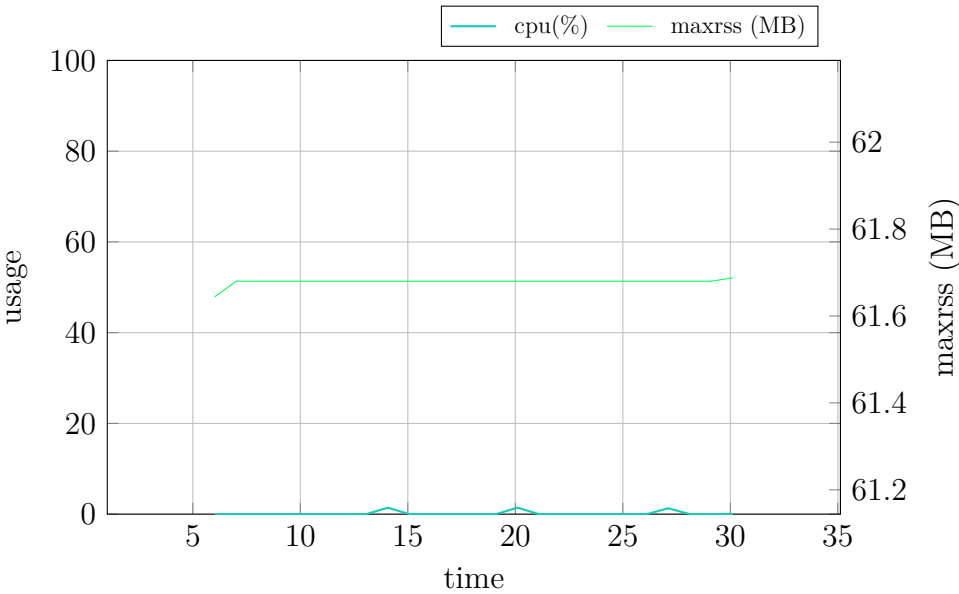


Performance cyclonedds

Logfile name	a532542d-0770-4641-b147-7bfdd55689df.csv
Experiment id	fb8dc78a-3f9a-4aab-8319-21765751e6fe
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	100
Publishing rate	Array2m
Topic name	1
Number of publishers	10
Number of subscribers	30
Maximum runtime (sec)	0
DDS domain id	-
Single participant	

average results

Experiment Status	success
T_loop	1.0041
received	992.8
sent	99.24
lost	0.0
relative_loss	0.0
data_received	2096831648.88
latency_min (ms)	1.2222
latency_max (ms)	5.9942
latency_mean (ms)	3.0128
latency_variance (ms)	0.0015
pub_loop_res_min (ms)	-5.8868
pub_loop_res_max (ms)	7.5886
pub_loop_res_mean (ms)	1.1524
pub_loop_res_variance (ms)	0.0125
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 (%)	0.1661
max_ram_usage (MB)	61.69

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0