Performance cyclonedds
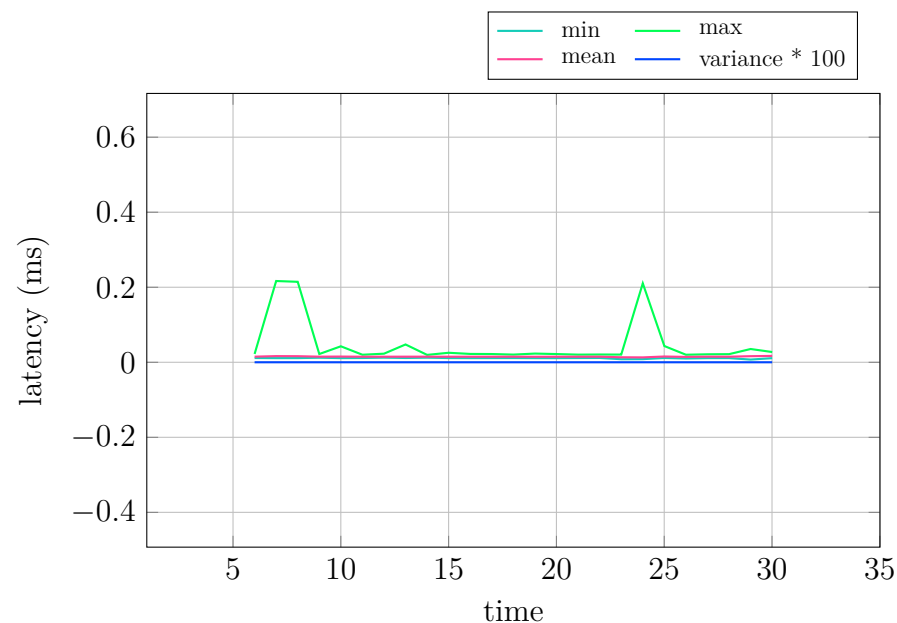
Latencies
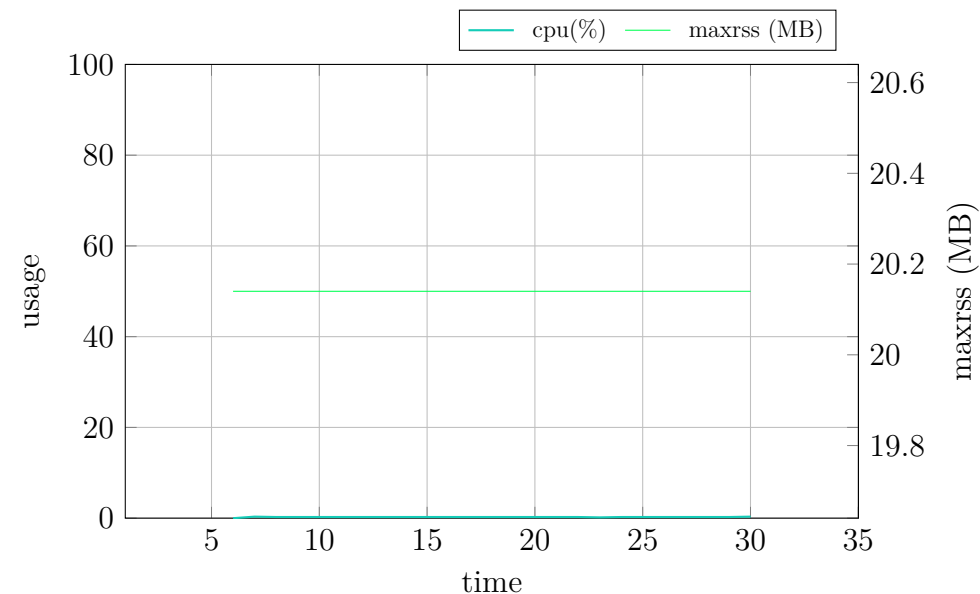
Resource usage (man getrusage)

test setup	
Performance Test Version	2113db4
Publishing rate	500
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	1.0001
received	1497.24
sent	499.08
lost	0.0
relative_loss	0.0
data_received	24600534.96
latency_min (ms)	0.0109
latency_max (ms)	0.0482
latency_mean (ms)	0.015
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.9188
pub_loop_res_max (ms)	1.9404
pub_loop_res_mean (ms)	1.9372
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 (%)	0.2428
max_ram_usage (MB)	20.14

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0