Performance cyclonedds
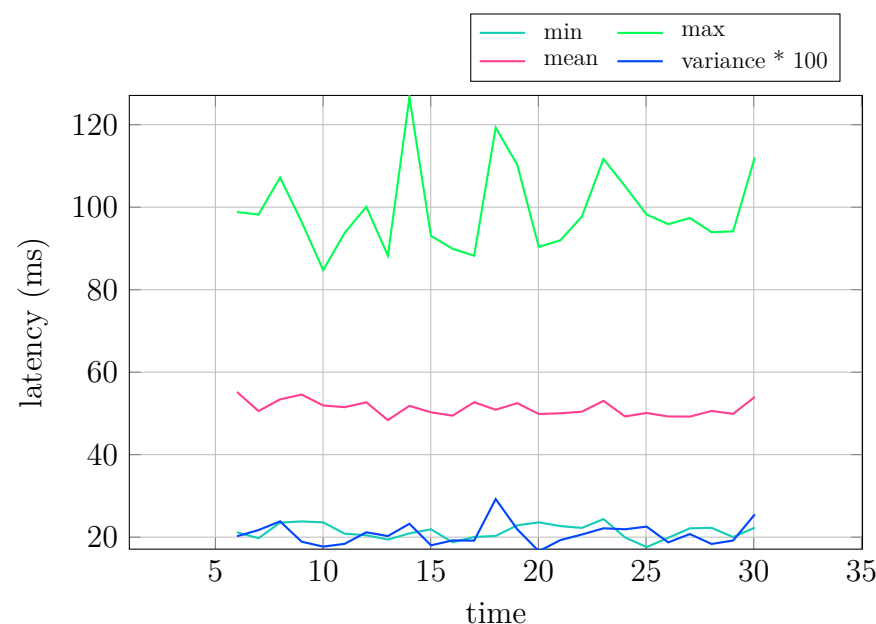
Latencies

Resource usage (man getrusage)
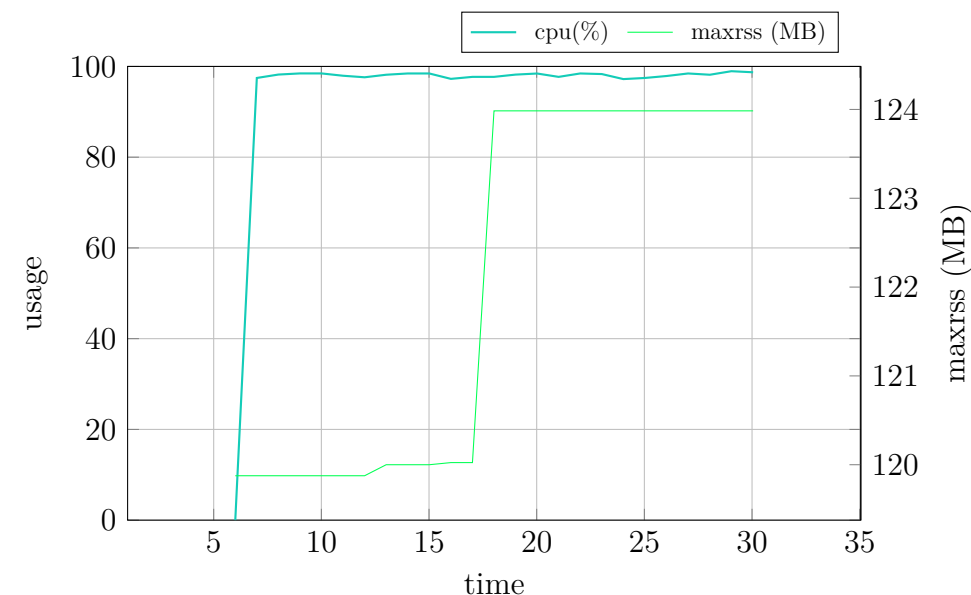
test setup		average results		environment	
Performance Test Version	2113db4	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	100	T_loop	1.0011	Memory check enabled	0
Topic name	PointCloud4m	received	271.6	Msg name	PointCloud4m
Number of publishers	1	sent	27.12	QOS Durability	VOLATILE
Number of subscribers	10	lost	0.0	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	0.0	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	1179456337.0	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	21.3732	QOS Sync. pub/sub	0
		latency_max (ms)	99.3416	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	51.2664	Roundtrip Mode	NONE
		latency_variance (ms)	0.2074	With security	0
		pub_loop_res_min (ms)	-13125.08	Zero copy transfer	0
		pub_loop_res_max (ms)	-12434.44		
		pub_loop_res_mean (ms)	-12779.24		
		pub_loop_res_variance (ms)	43.0648		
		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 (%)	94.1532		
		max_ram_usage (MB)	123.98		