Performance cyclonedds
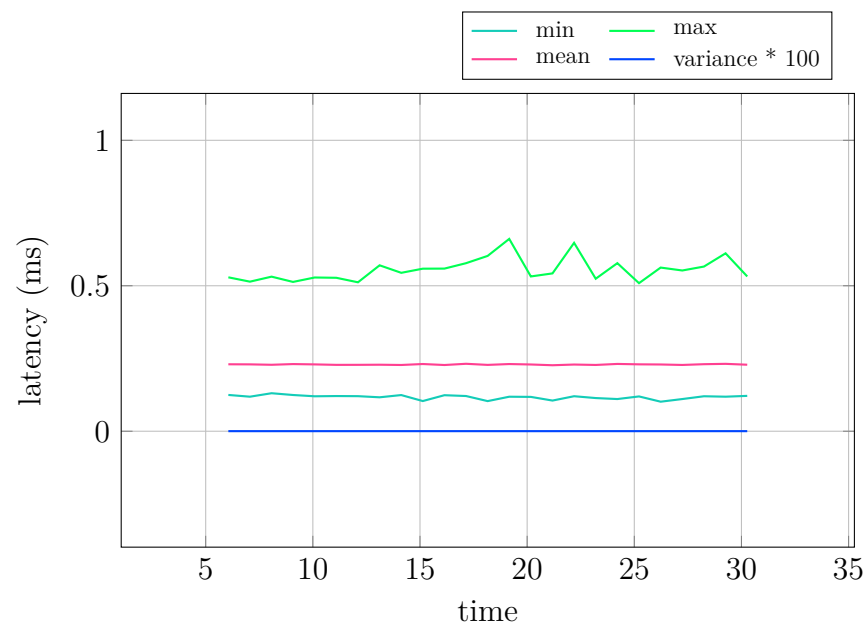
Latencies
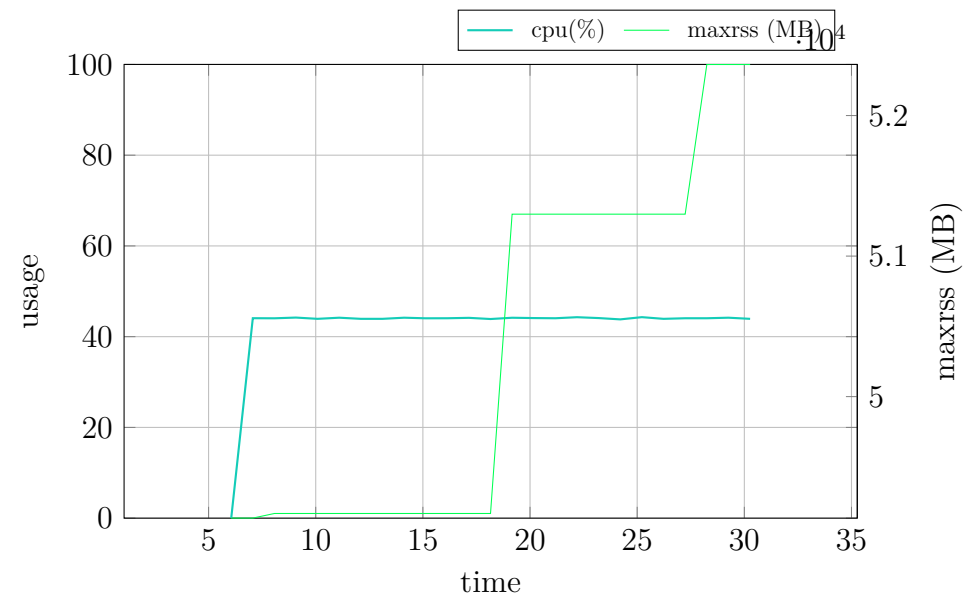
Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version	2fc8cc2-dirty	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	0	T_loop	1.0089	Memory check enabled	0
Topic name	PointCloud1m	received	27772.52	Msg name	PointCloud1m
Number of publishers	1	sent	9257.52	QOS Durability	VOLATILE
Number of subscribers	3	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	29191038980.64	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.1173	QOS Sync. pub/sub	0
		latency_max (ms)	0.5555	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	0.2293	Roundtrip Mode	NONE
		latency_variance (ms)	0.0	With security	0
		pub_loop_res_min (ms)	-18165.76	Zero copy transfer	0
		pub_loop_res_max (ms)	9223000000000.0		
		pub_loop_res_mean (ms)	4611800000000.0		
		pub_loop_res_variance (ms)	2.127e+22		
		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 (%)	42.3048		
		max_ram_usage (MB)	52363.26		