Performance cyclonedds
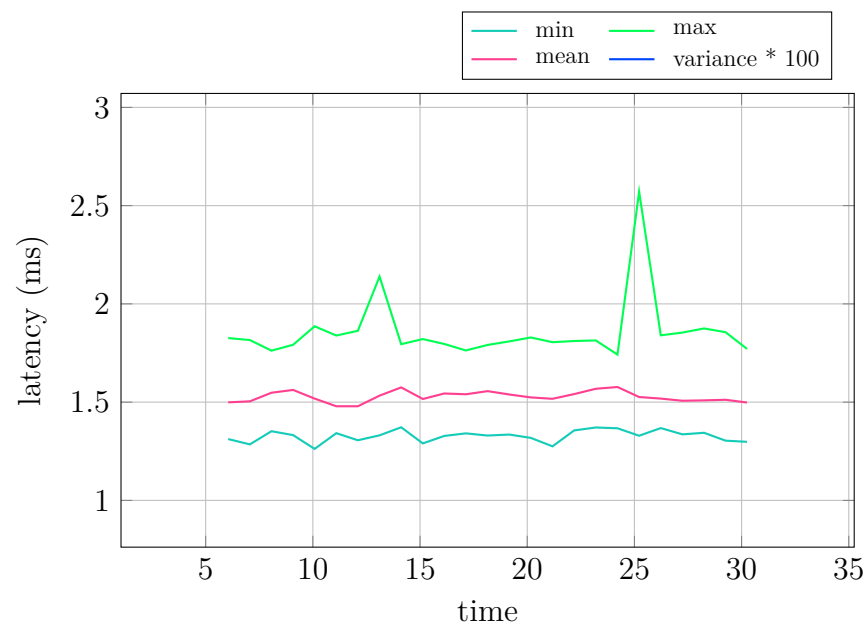
Latencies
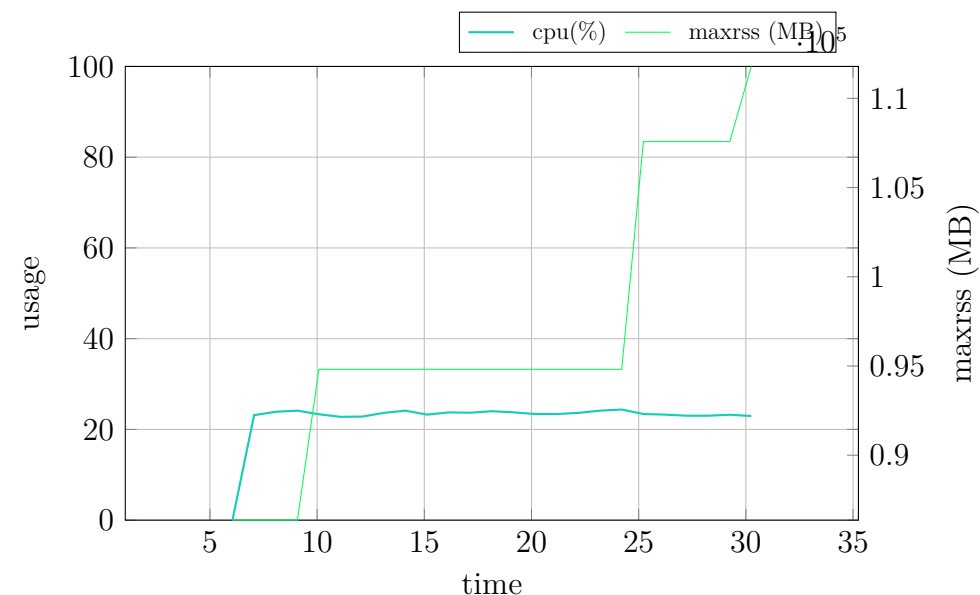
Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version	2fc8cc2-dirty	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	500	T_loop	1.0084	Memory check enabled	0
Topic name	PointCloud4m	received	1497.48	Msg name	PointCloud4m
Number of publishers	1	sent	499.16	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	6295150649.72	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	1.3274	QOS Sync. pub/sub	0
		latency_max (ms)	1.8586	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	1.5276	Roundtrip Mode	NONE
		latency_variance (ms)	0.0	With security	0
		pub_loop_res_min (ms)	0.8291	Zero copy transfer	0
		pub_loop_res_max (ms)	1.0848		
		pub_loop_res_mean (ms)	0.9711		
		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 (%)	22.5652		
		max_ram_usage (MB)	111788.03		