Performance cyclonedds
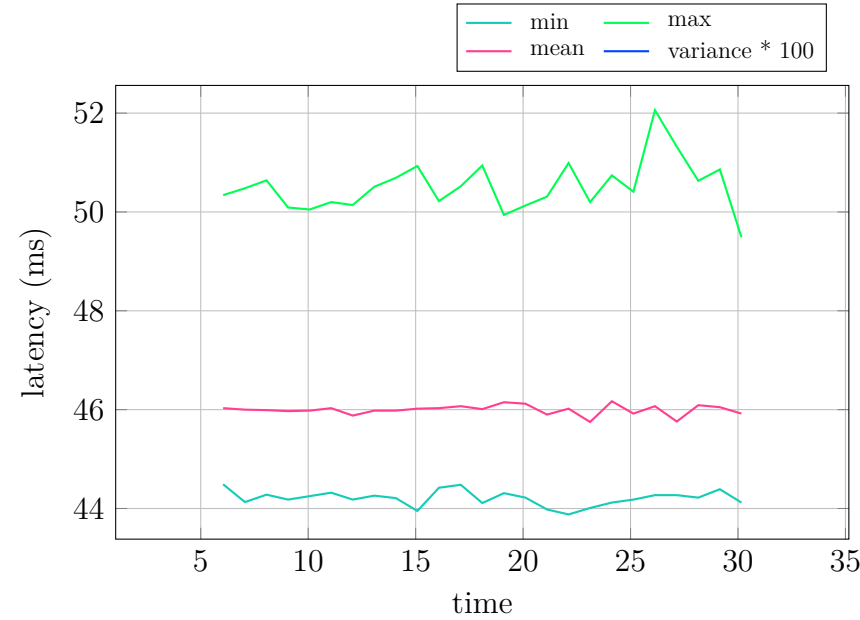
Latencies
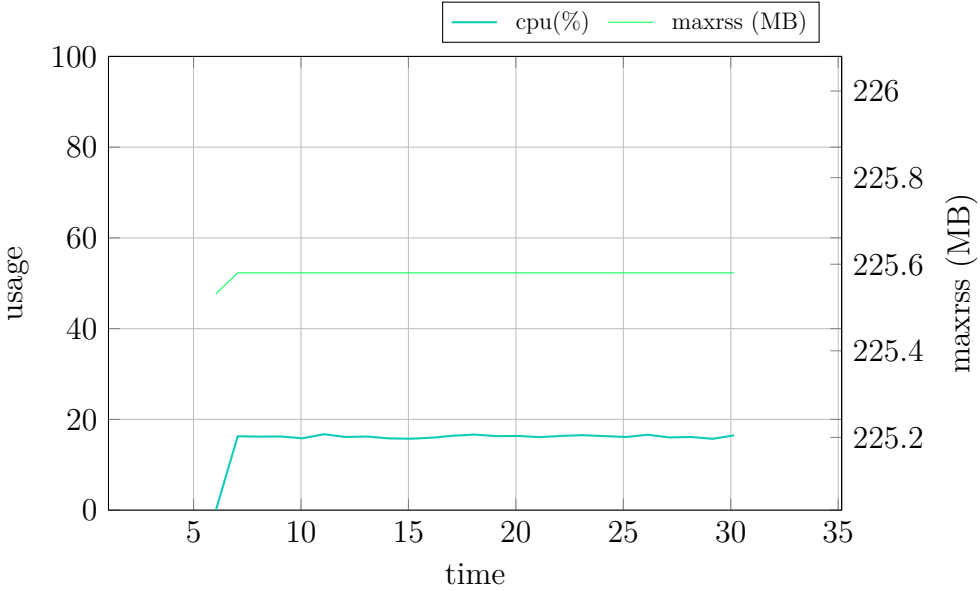
Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version		Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	0	T_loop	1.0049	Memory check enabled	0
Topic name	Array2m	received	1508.32	Msg name	Array2m
Number of publishers	1	sent	2189.76	QOS Durability	VOLATILE
Number of subscribers	1	lost	681.2	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	0.3104	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	3164148744.24	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	44.2092	QOS Sync. pub/sub	0
		latency_max (ms)	50.5132	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	45.9956	Roundtrip Mode	NONE
		latency_variance (ms)	0.0019	With security	0
		pub_loop_res_min (ms)	-18102.84	Zero copy transfer	0
		pub_loop_res_max (ms)	9223000000000.0		
		pub_loop_res_mean (ms)	4612000000000.0		
		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 (%)	15.5692		
		max_ram_usage (MB)	225.58		