Performance cyclonedds
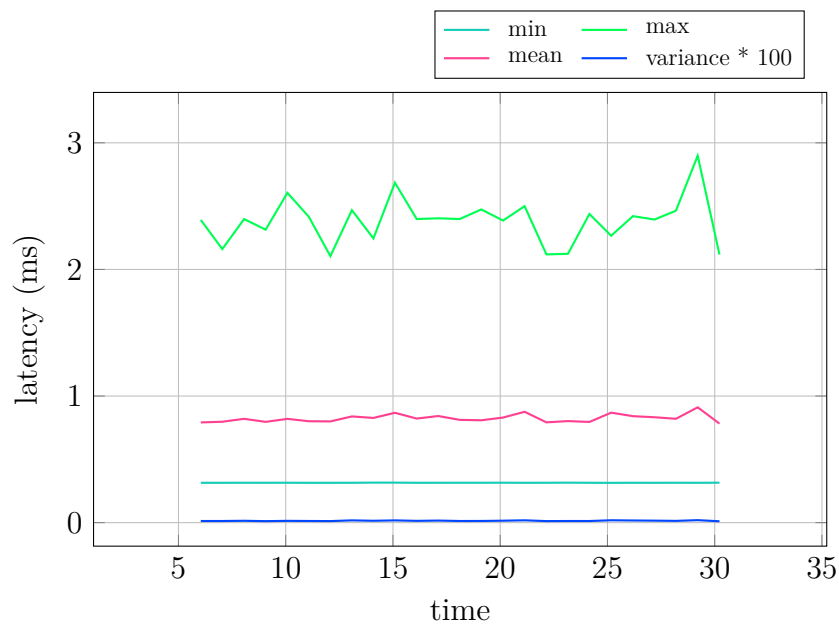
Latencies
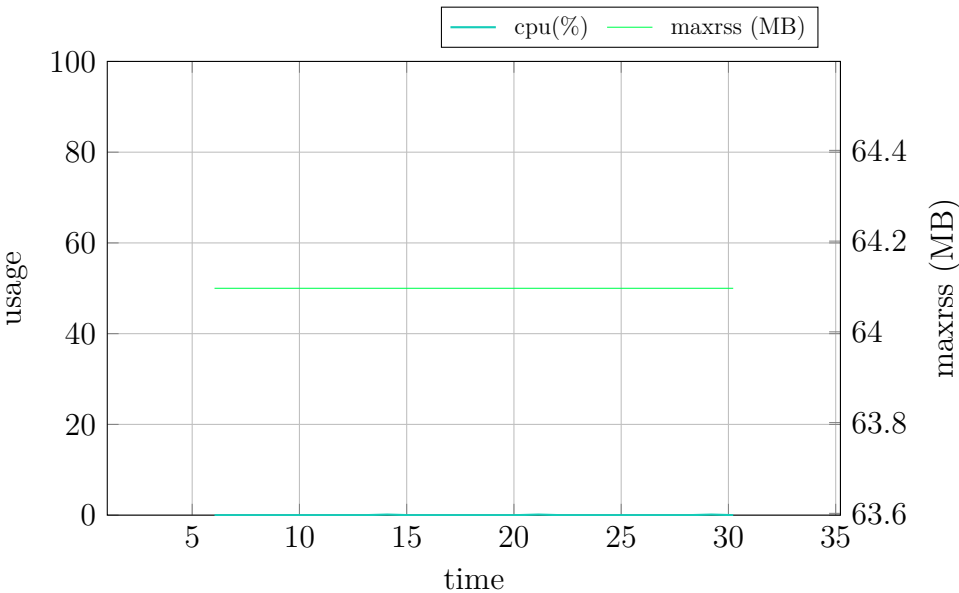
Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version		Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	500	T_loop	1.0073	Memory check enabled	0
Topic name	Struct32k	received	499.56	Msg name	Struct32k
Number of publishers	1	sent	499.64	QOS Durability	VOLATILE
Number of subscribers	1	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	33866008.04	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.3151	QOS Sync. pub/sub	0
		latency_max (ms)	2.3835	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	0.8238	Roundtrip Mode	NONE
		latency_variance (ms)	0.0001	With security	0
		pub_loop_res_min (ms)	-14.172	Zero copy transfer	0
		pub_loop_res_max (ms)	1.81		
		pub_loop_res_mean (ms)	-5.0002		
		pub_loop_res_variance (ms)	0.0155		
		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 (%)	0.0155		
		max_ram_usage (MB)	64.1		