Performance cyclonedds
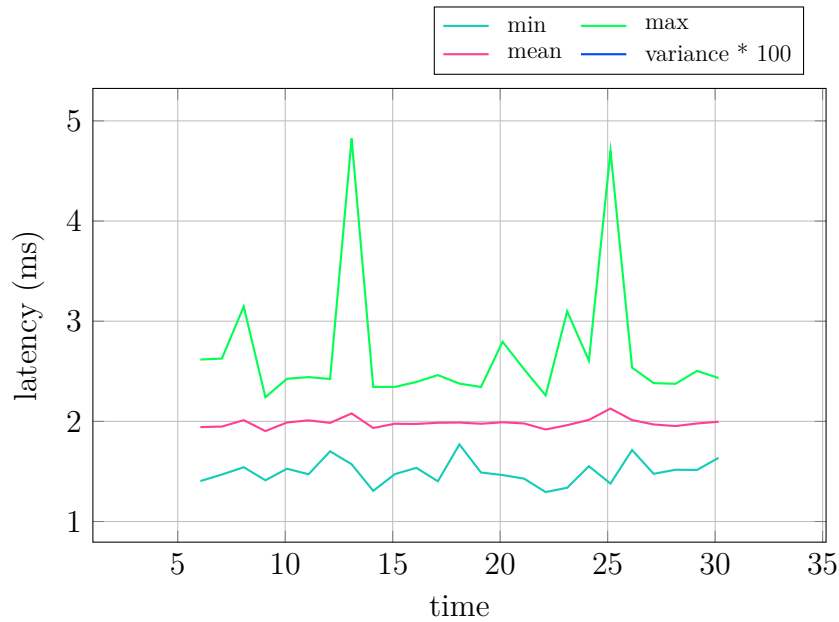
Latencies
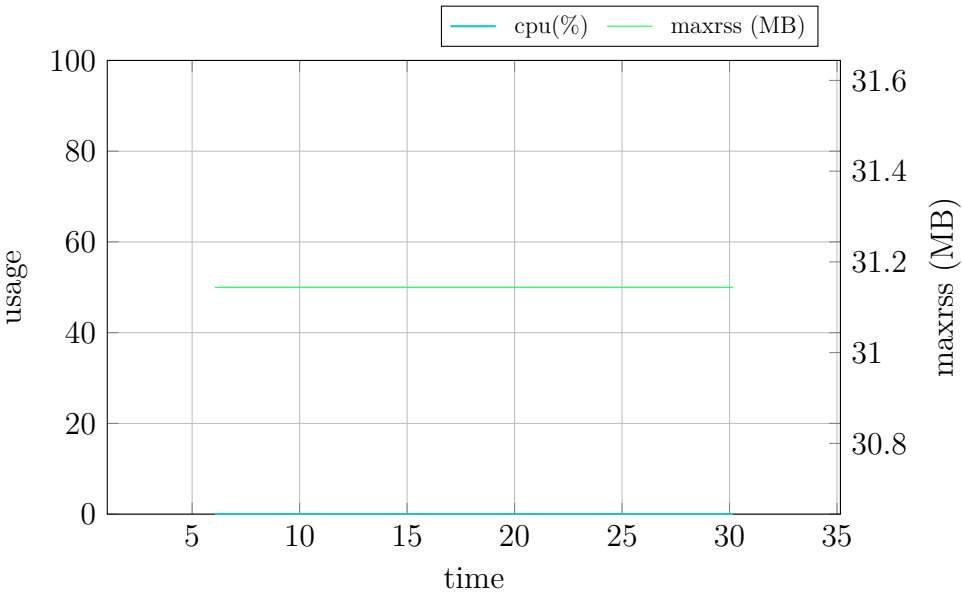
Resource usage (man getrusage)

test setup			**average results**			**environment**	
Performance Test Version			Experiment Status	success		Ignore seconds from beginning	5
Publishing rate	20		T_loop	1.0048		Memory check enabled	0
Topic name	Array2m		received	57.36		Msg name	Array2m
Number of publishers	1		sent	19.12		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	125964315.96		QOS Reliability	RELIABLE
Single participant	-		latency_min (ms)	1.4955		QOS Sync. pub/sub	0
			latency_max (ms)	2.6887		RMW Implementation	rmw_cyclonedds_cpp
			latency_mean (ms)	1.9843		Roundtrip Mode	NONE
			latency_variance (ms)	0.0001		With security	0
			pub_loop_res_min (ms)	33.7536		Zero copy transfer	0
			pub_loop_res_max (ms)	48.2676			
			pub_loop_res_mean (ms)	41.1252			
			pub_loop_res_variance (ms)	0.0205			
			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 (%)	0.0			
			max_ram_usage (MB)	31.14			