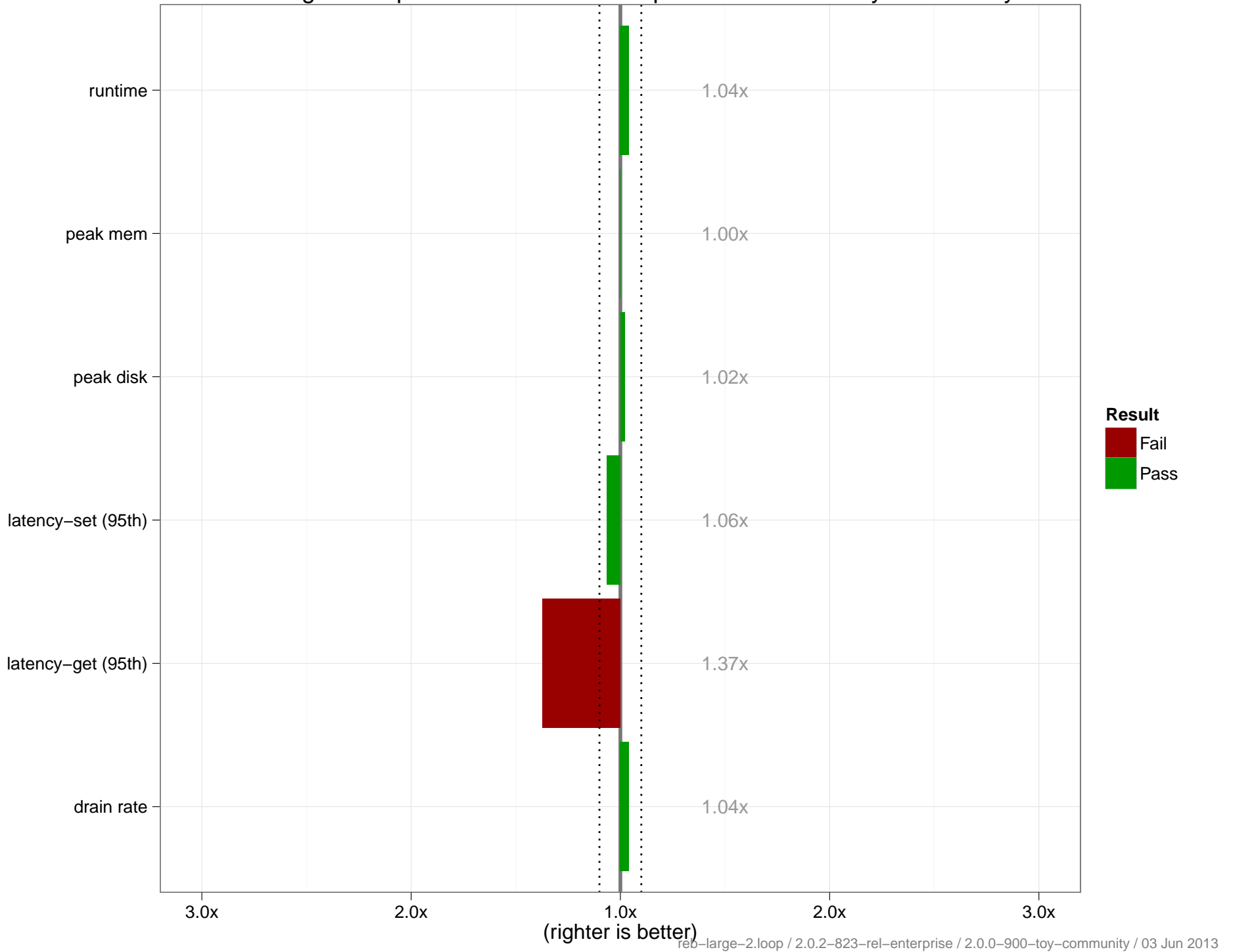
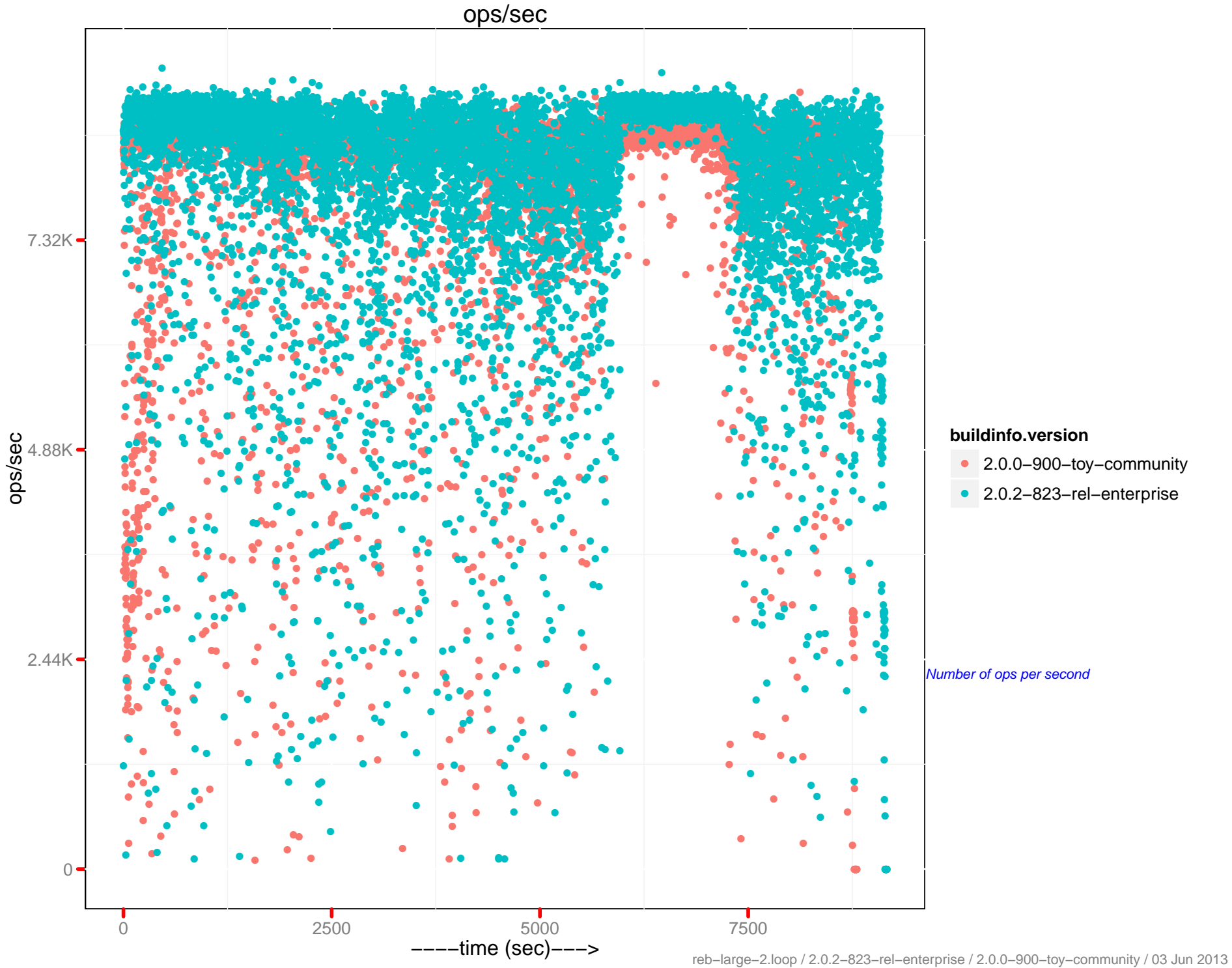


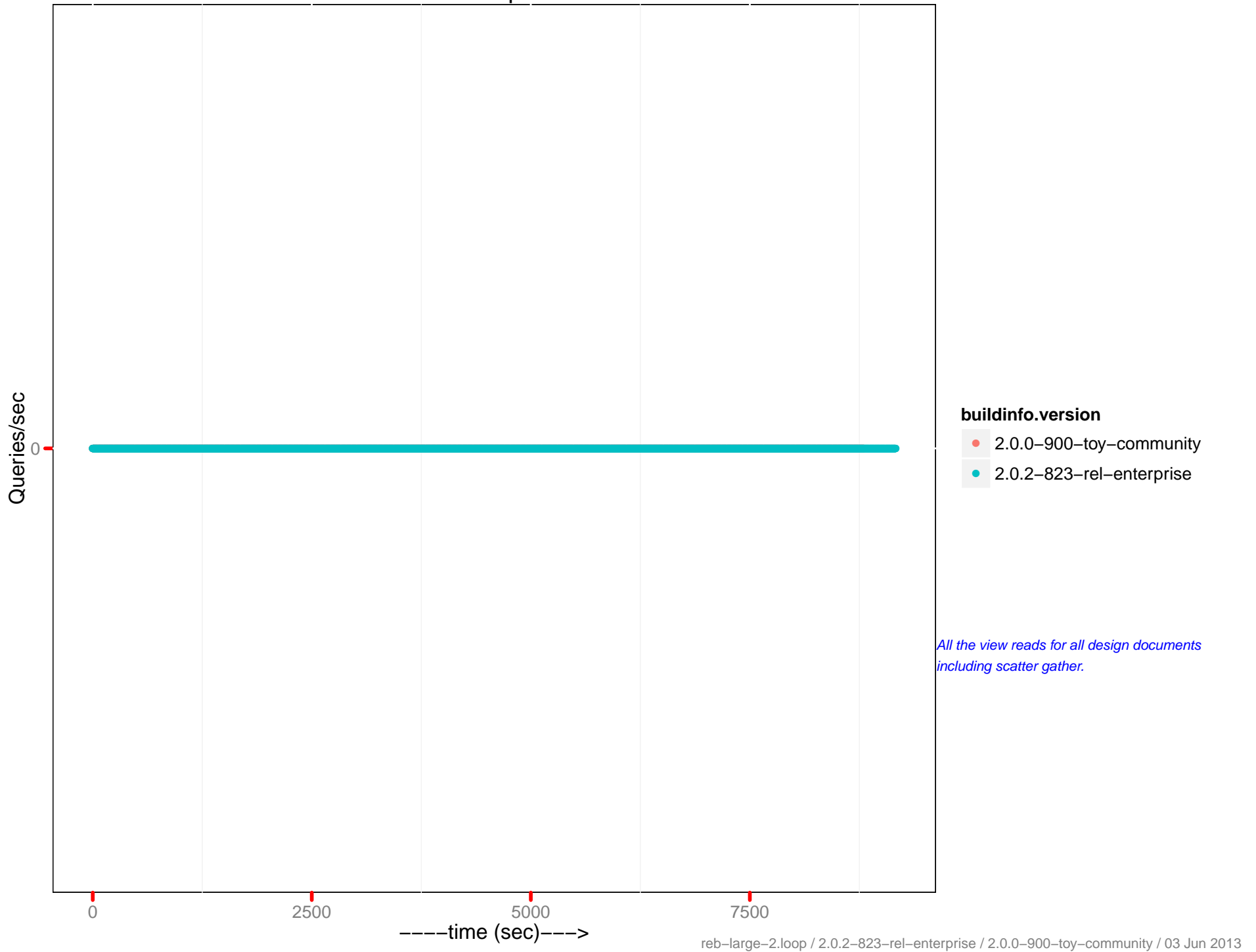
reb-large-2.loop : 2.0.2-823-rel-enterprise : 2.0.0-900-toy-community



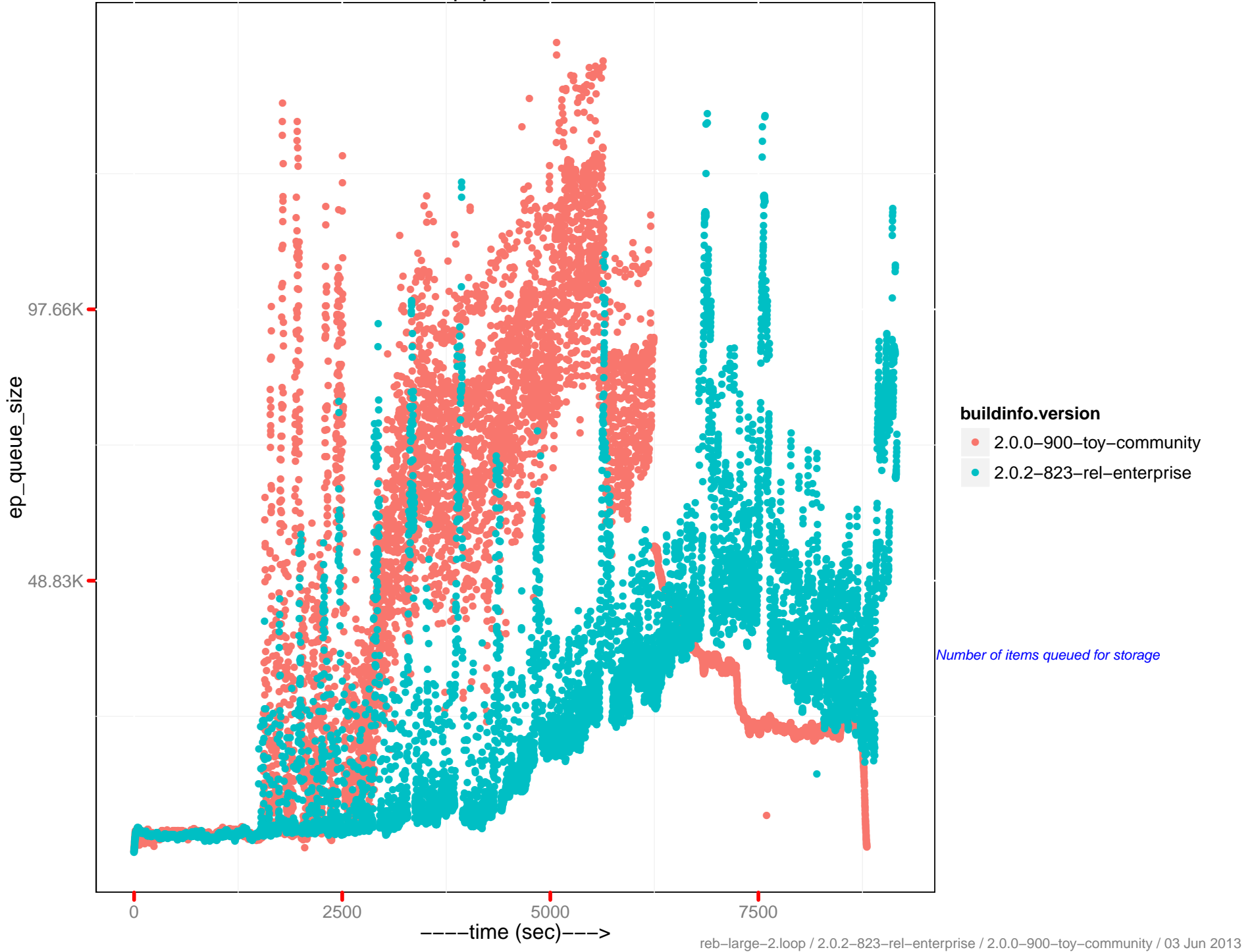
	<b>2.0.2 – 823</b>	<b>2.0.0 – 900</b>
<i>Runtime (in hr)</i>	2.56	2.46
<i>Avg. Drain Rate</i>	6.80K	7.08K
<i>Peak Disk (GB)</i>	250.02	244.81
<i>Peak Memory (GB)</i>	101297.56	101414.78
<i>Avg. OPS</i>	8.01K	8.07K
<i>Avg. mem memcached (GB)</i>	100038.31	100152.83
<i>Avg. mem beam.smp (MB)</i>	1282532.01	1284332.55
<i>Avg. CPU rate (%)</i>	7.33	8.1
<i>Latency-get (90th) (ms)</i>	1.5	1.53
<i>Latency-get (95th) (ms)</i>	1.79	2.46
<i>Latency-get (99th) (ms)</i>	4.78	25.44
<i>Latency-set (90th) (ms)</i>	1.6	1.62
<i>Latency-set (95th) (ms)</i>	1.88	2
<i>Latency-set (99th) (ms)</i>	3.04	6.69
<i>Latency-query (80th) (ms)</i>	NA	NA
<i>Latency-query (90th) (ms)</i>	NA	NA
<i>Latency-query (95th) (ms)</i>	NA	NA
<i>Latency-query (99th) (ms)</i>	NA	NA
<i>Latency-query (99.9th) (ms)</i>	NA	NA
<i>Avg. QPS</i>	0	0
<i>Avg. XDC ops/sec</i>	NaN	NaN
<i>Avg. XDC docs to replicate</i>	NaN	NaN
<i>Rebalance Time (sec)</i>	0	4721.13
<i>Testrunner Version</i>	57c315b	0053196



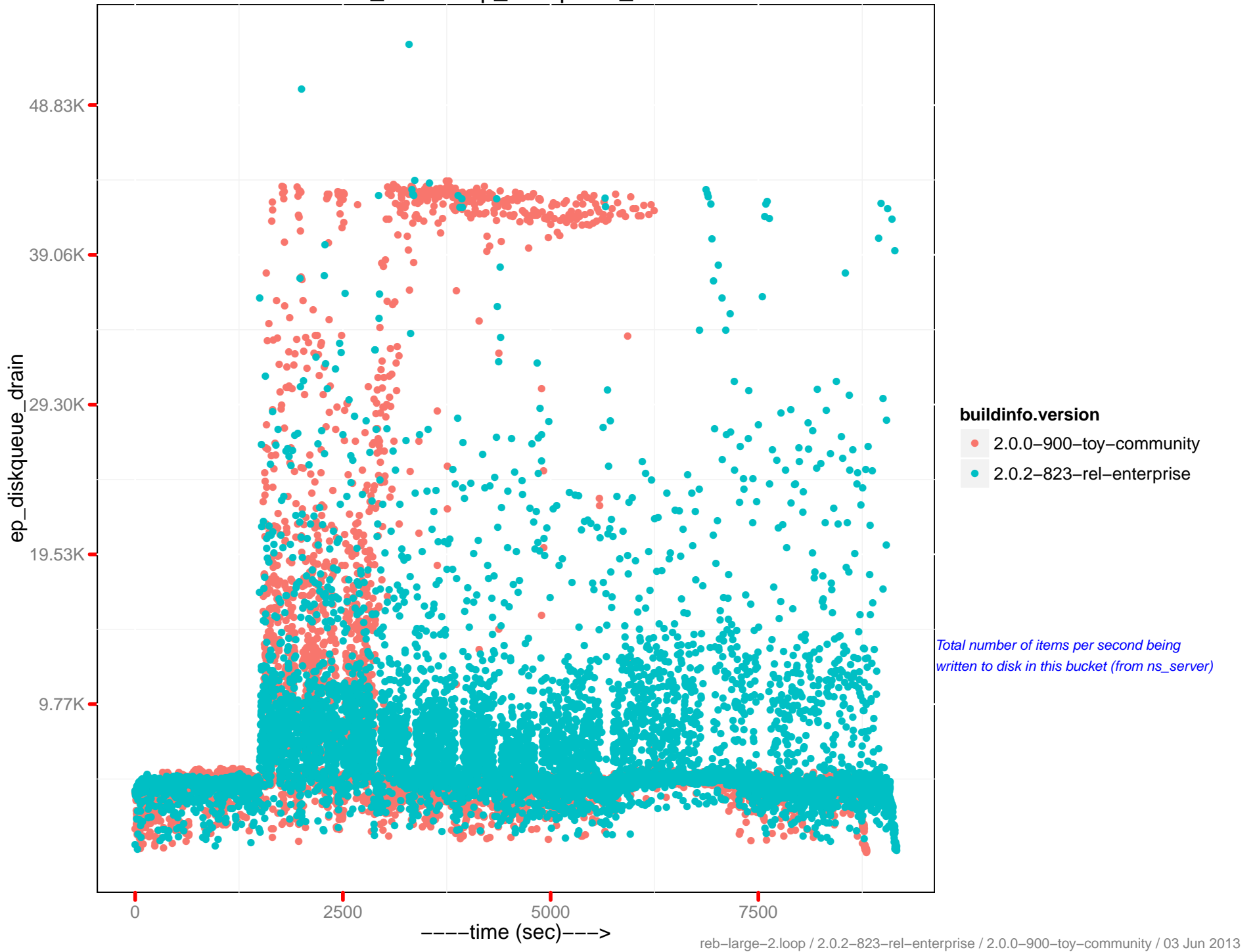
# View read per sec.



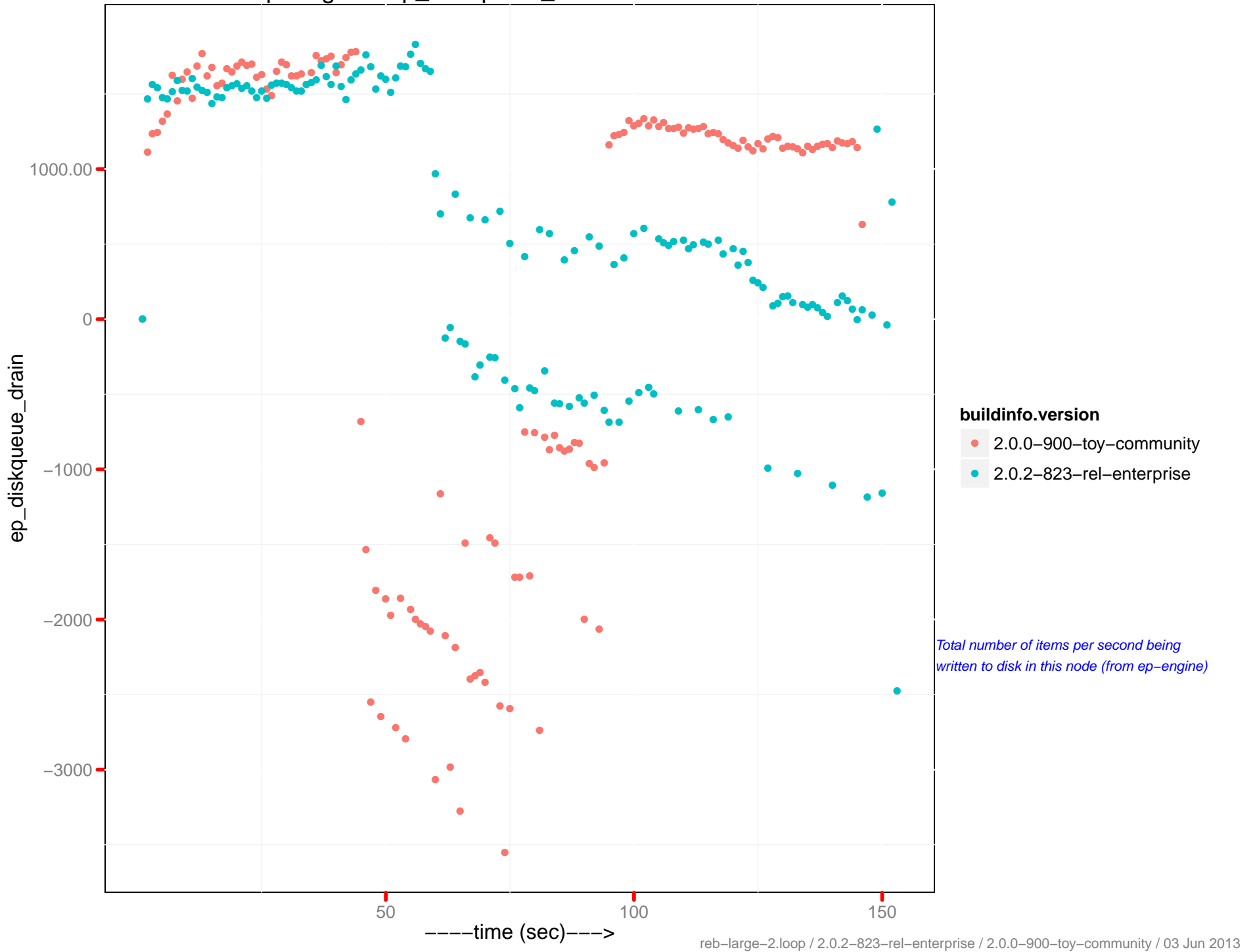
# ep queue size



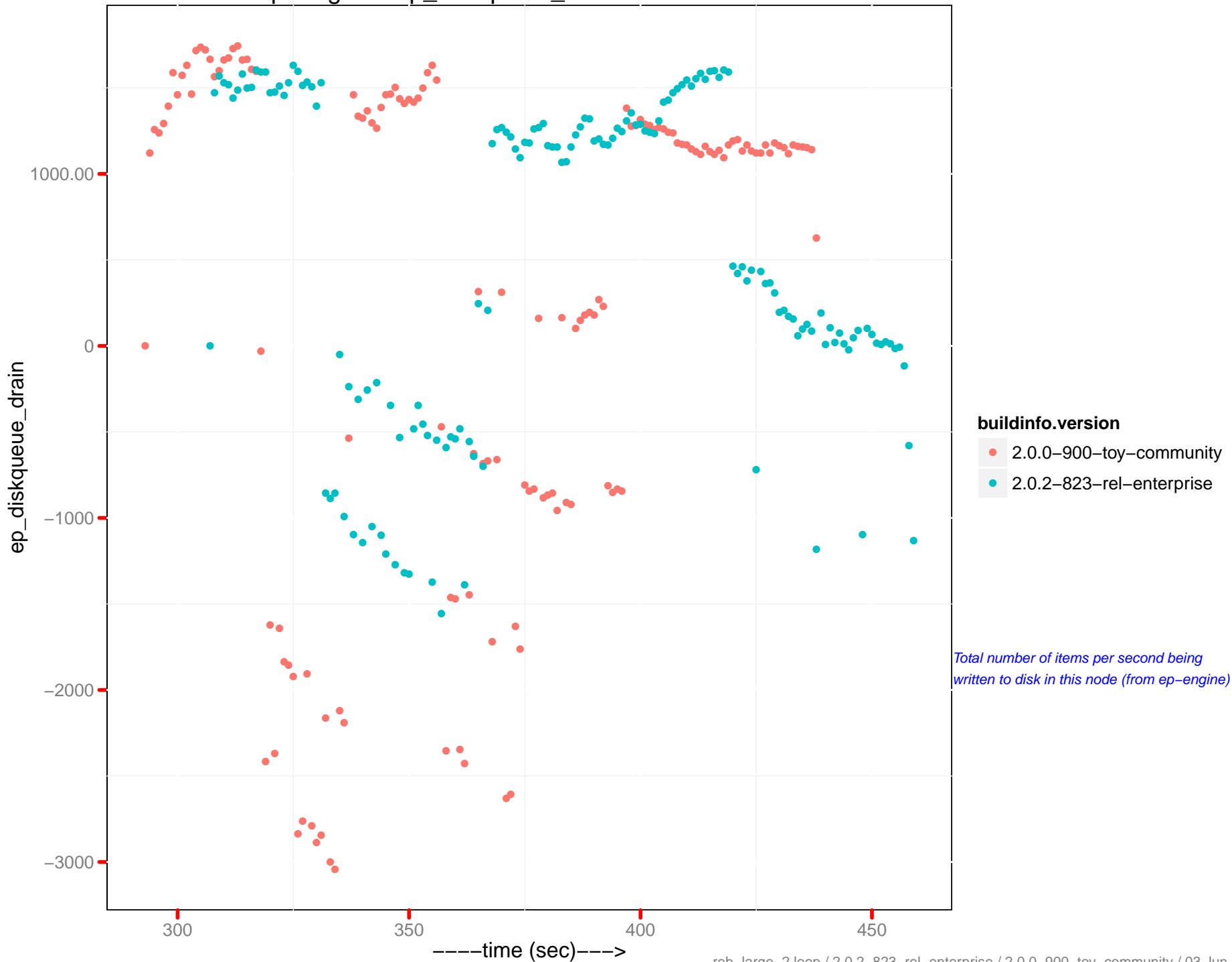
# ns\_server: ep\_diskqueue\_drain



ep-engine : ep\_diskqueue\_drain - 172.23.96.11



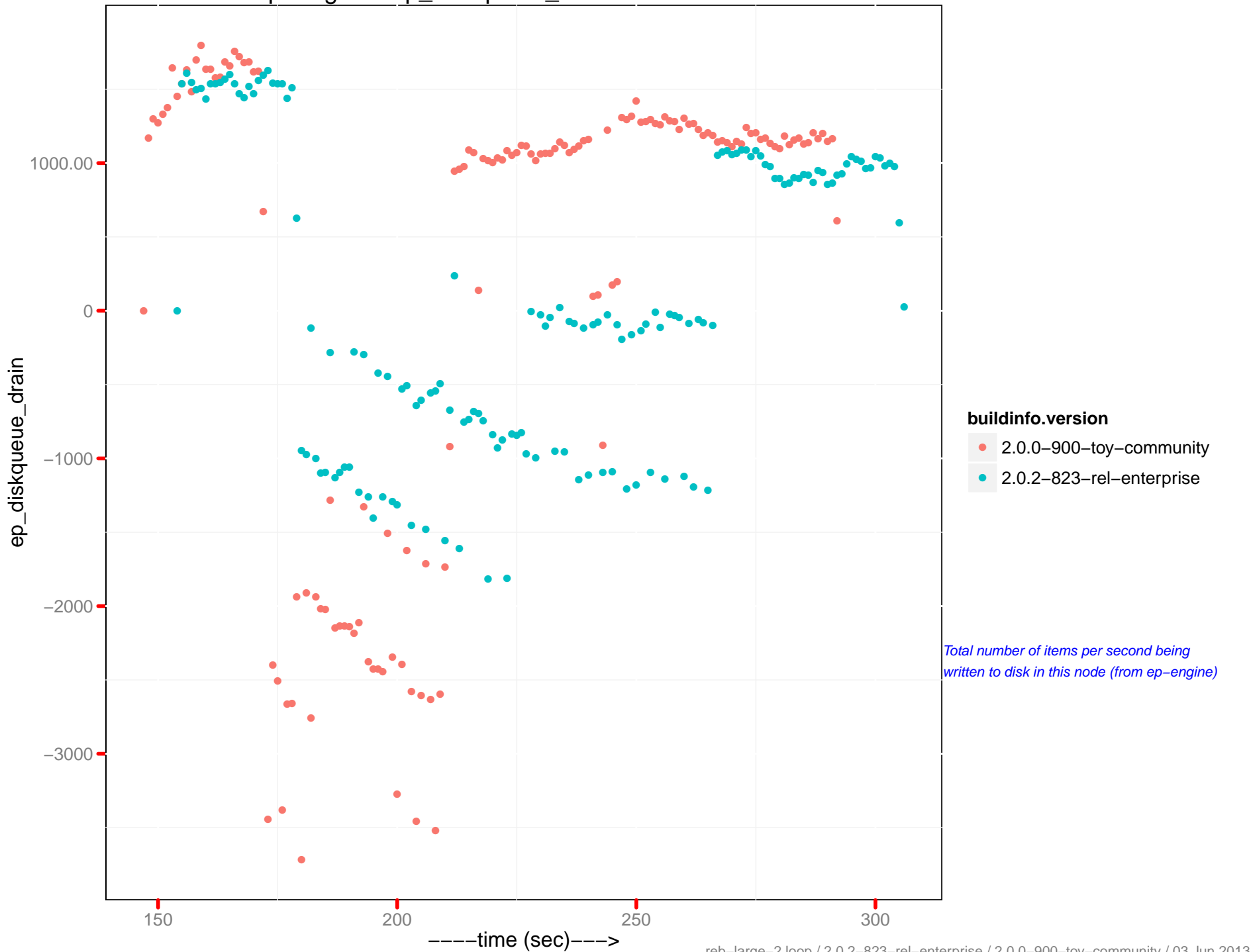
# ep-engine : ep\_diskqueue\_drain - 172.23.96.12



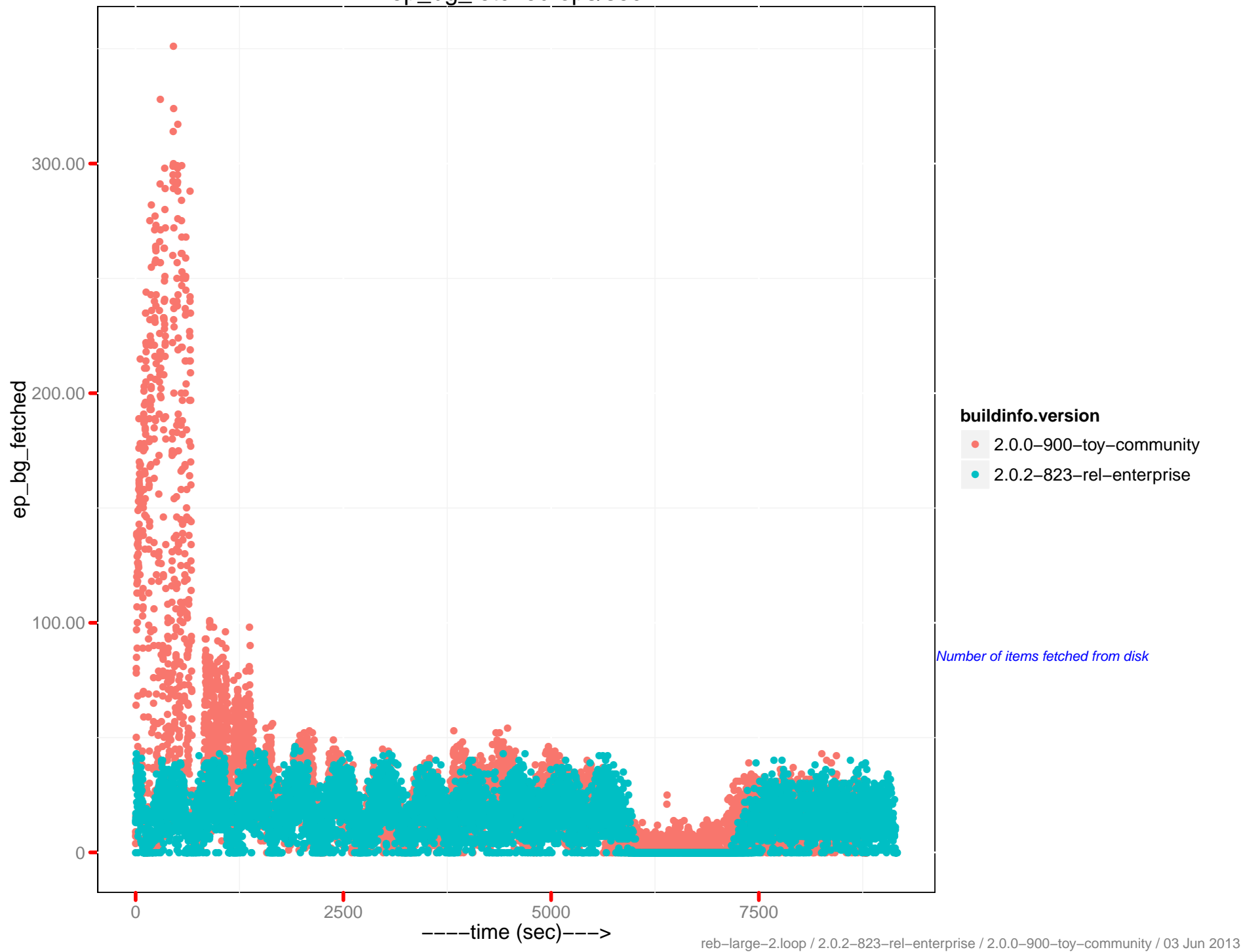
Total number of items per second being written to disk in this node (from ep-engine)



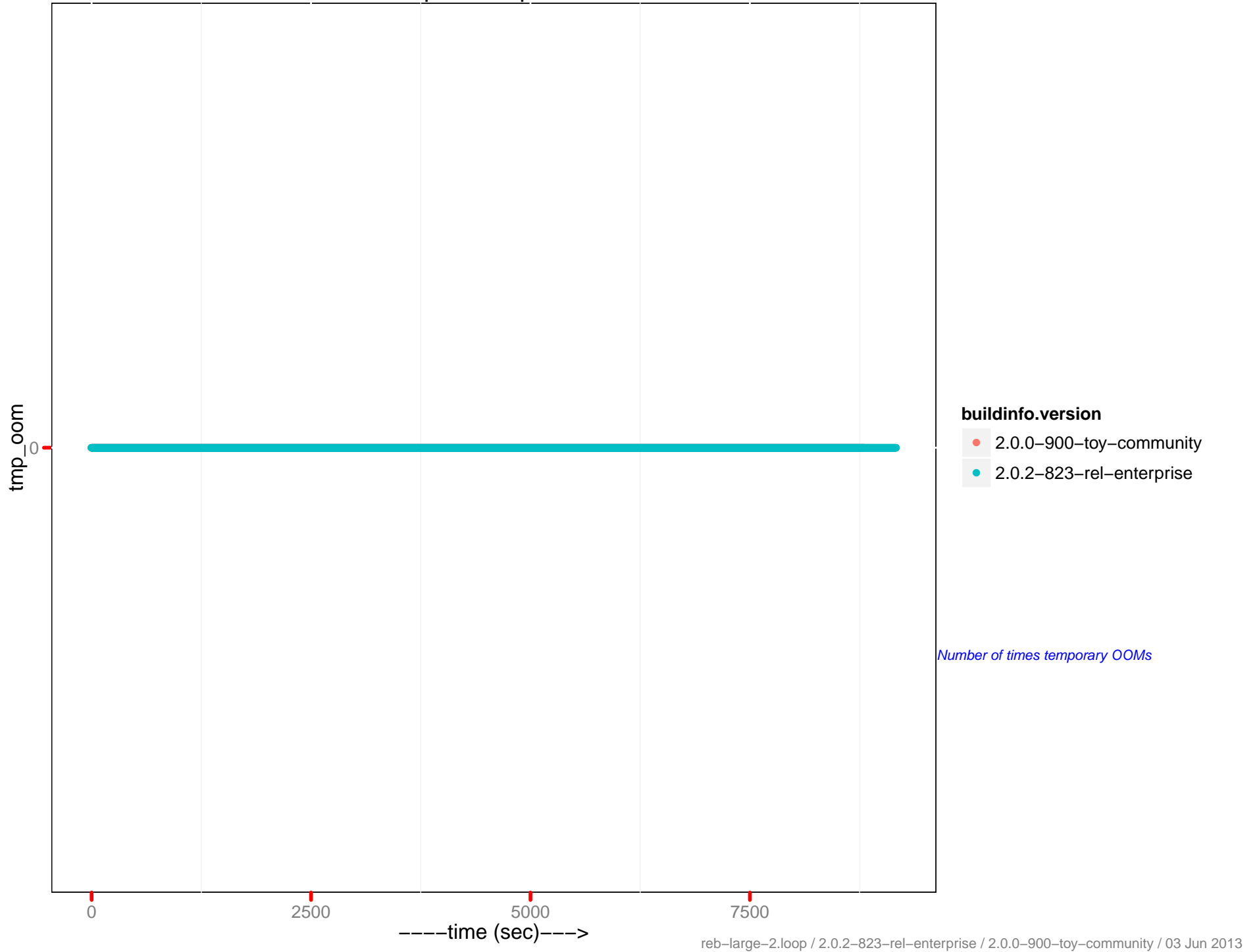
# ep-engine : ep\_diskqueue\_drain - 172.23.96.13



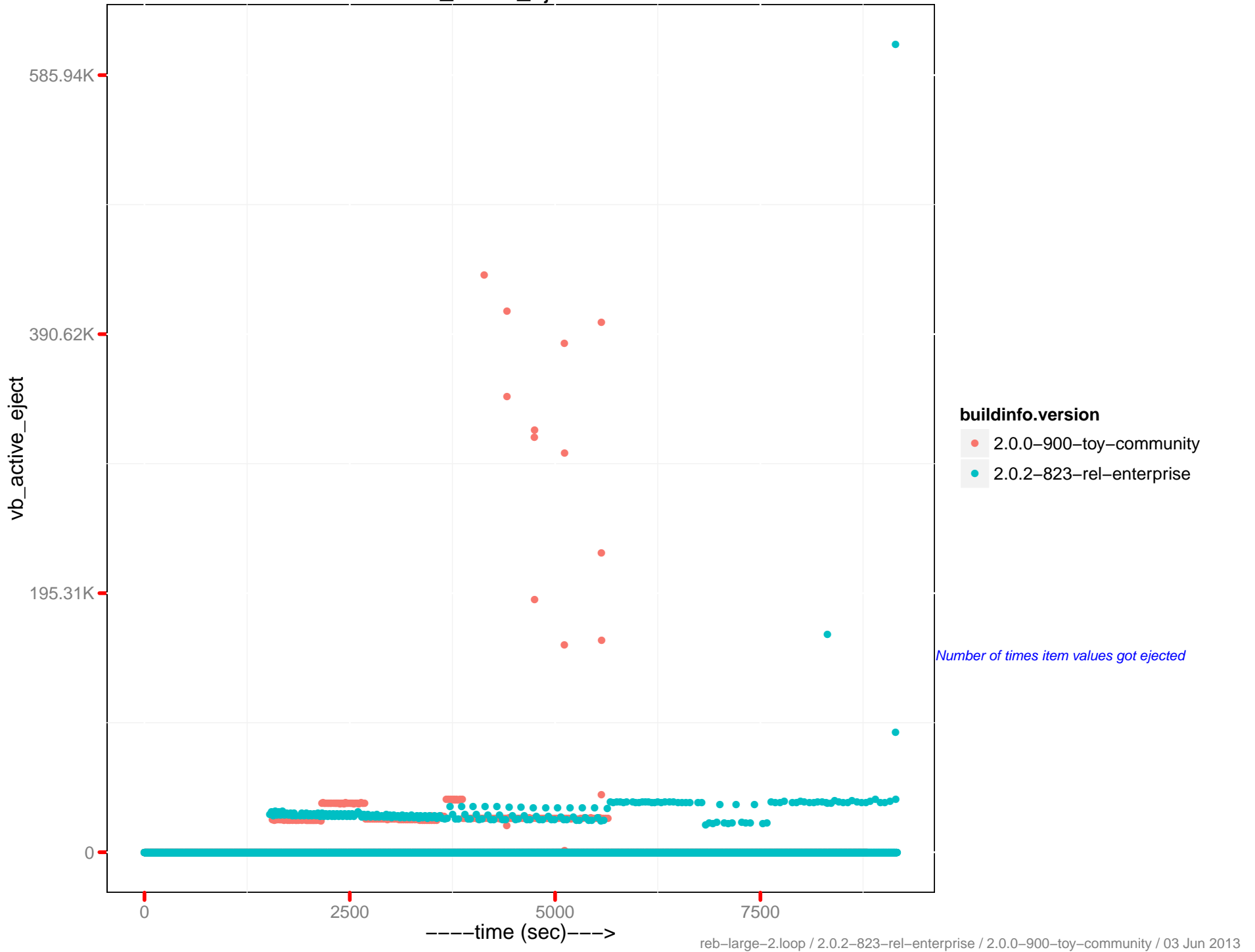
# ep\_bg\_fetched ops/sec



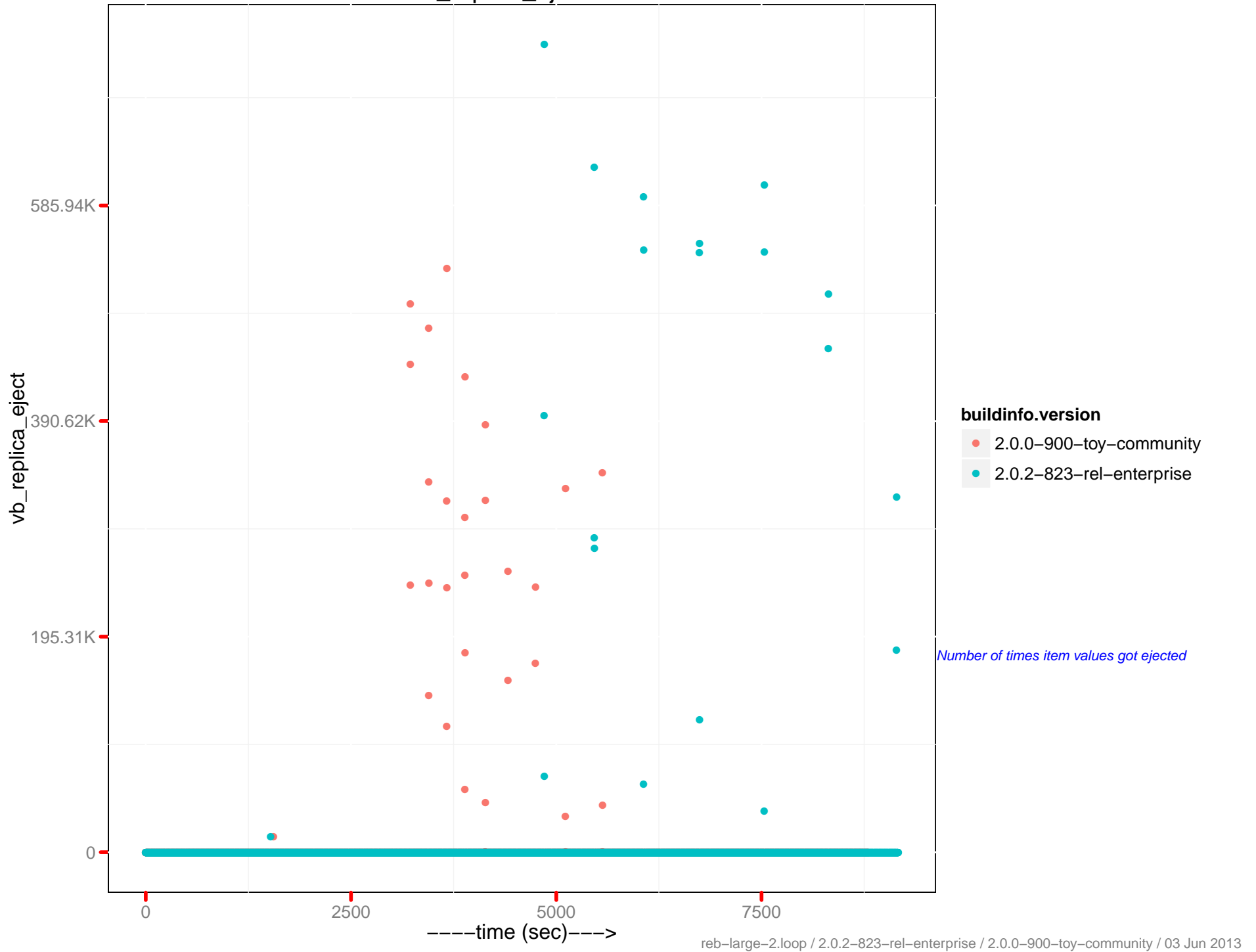
# tmp\_oom ops/sec



# vb\_active\_eject/sec



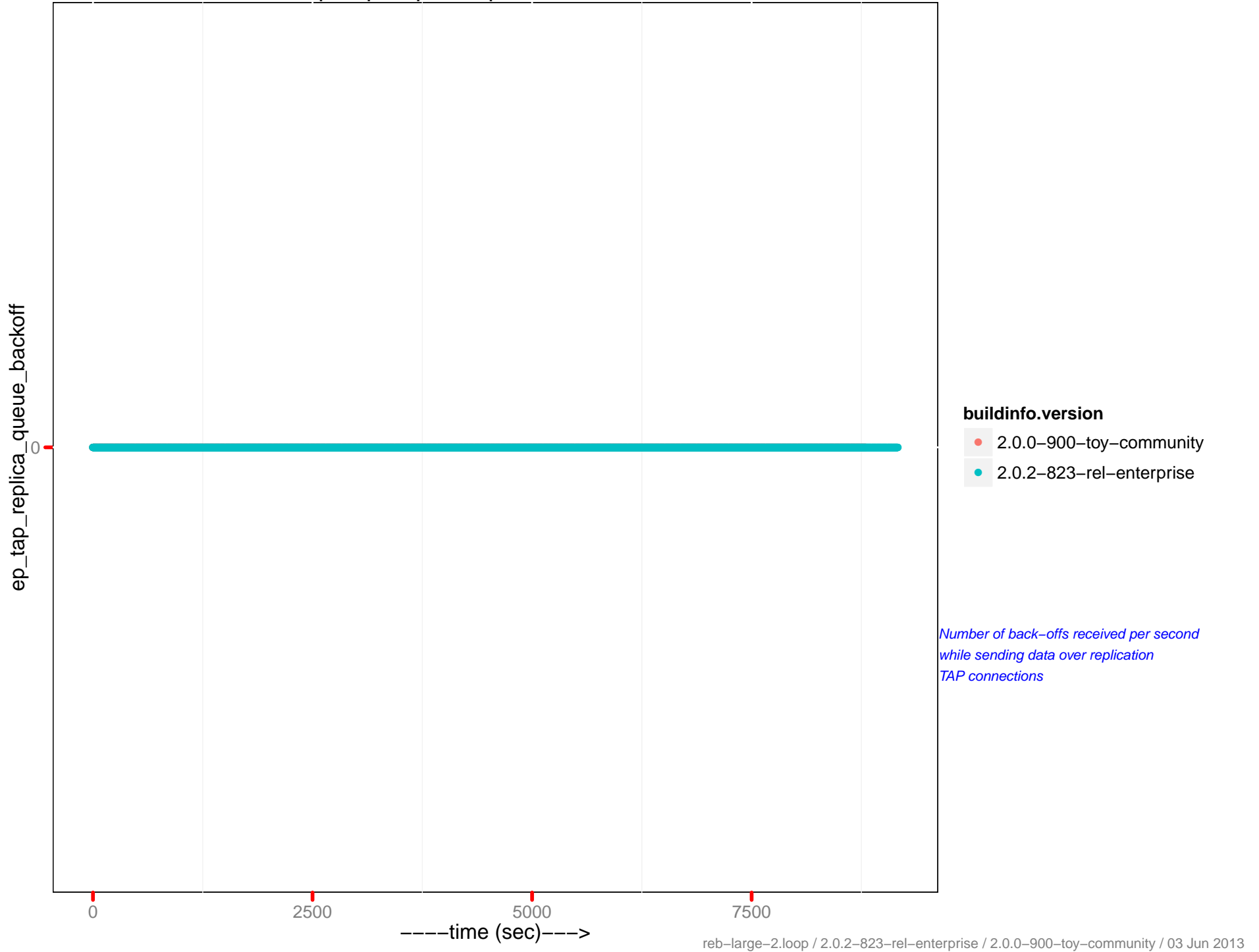
# vb\_replica\_eject/sec



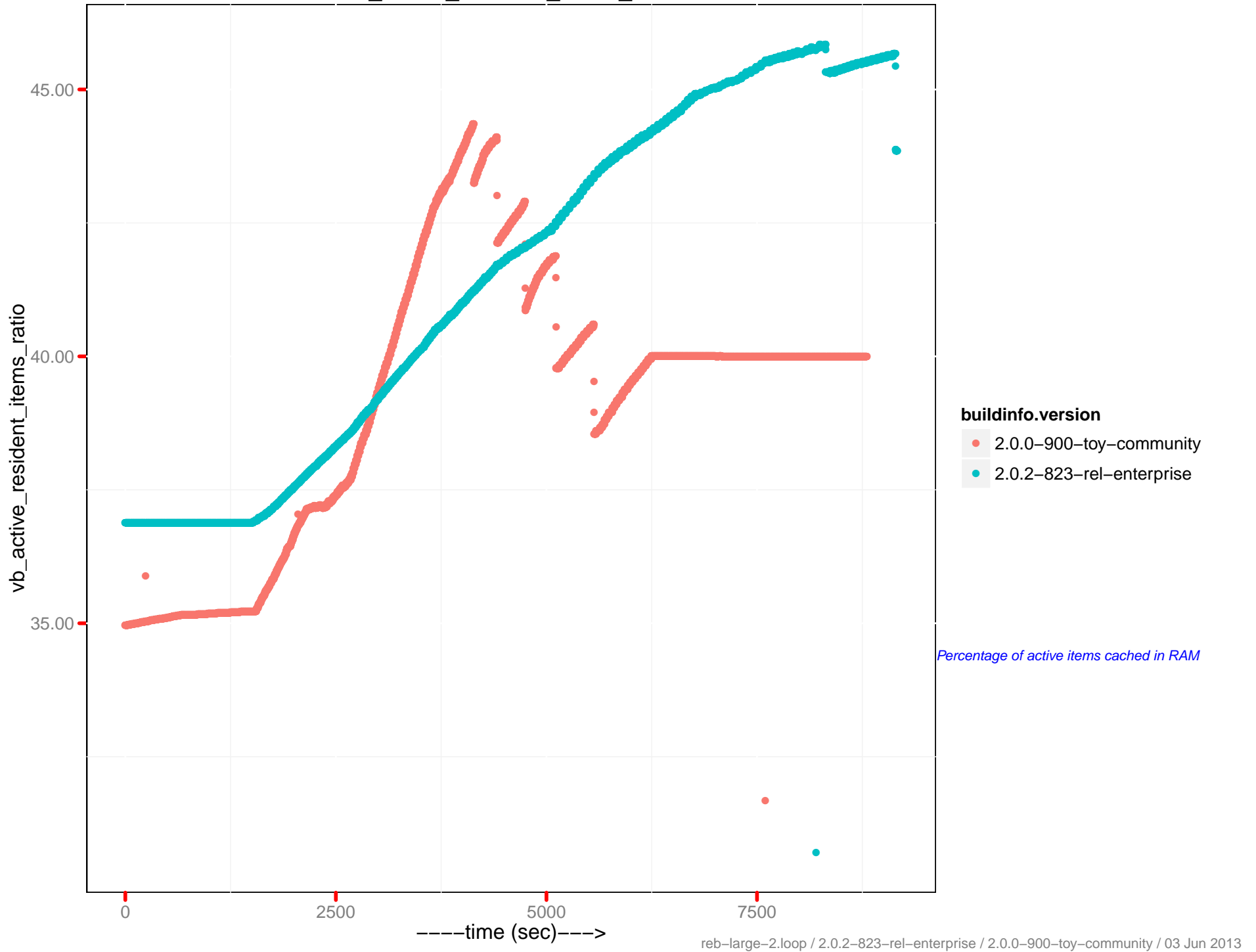
# ep\_tap\_replica\_queue\_drain/sec



# ep\_tap\_replica\_queue\_backoff/sec

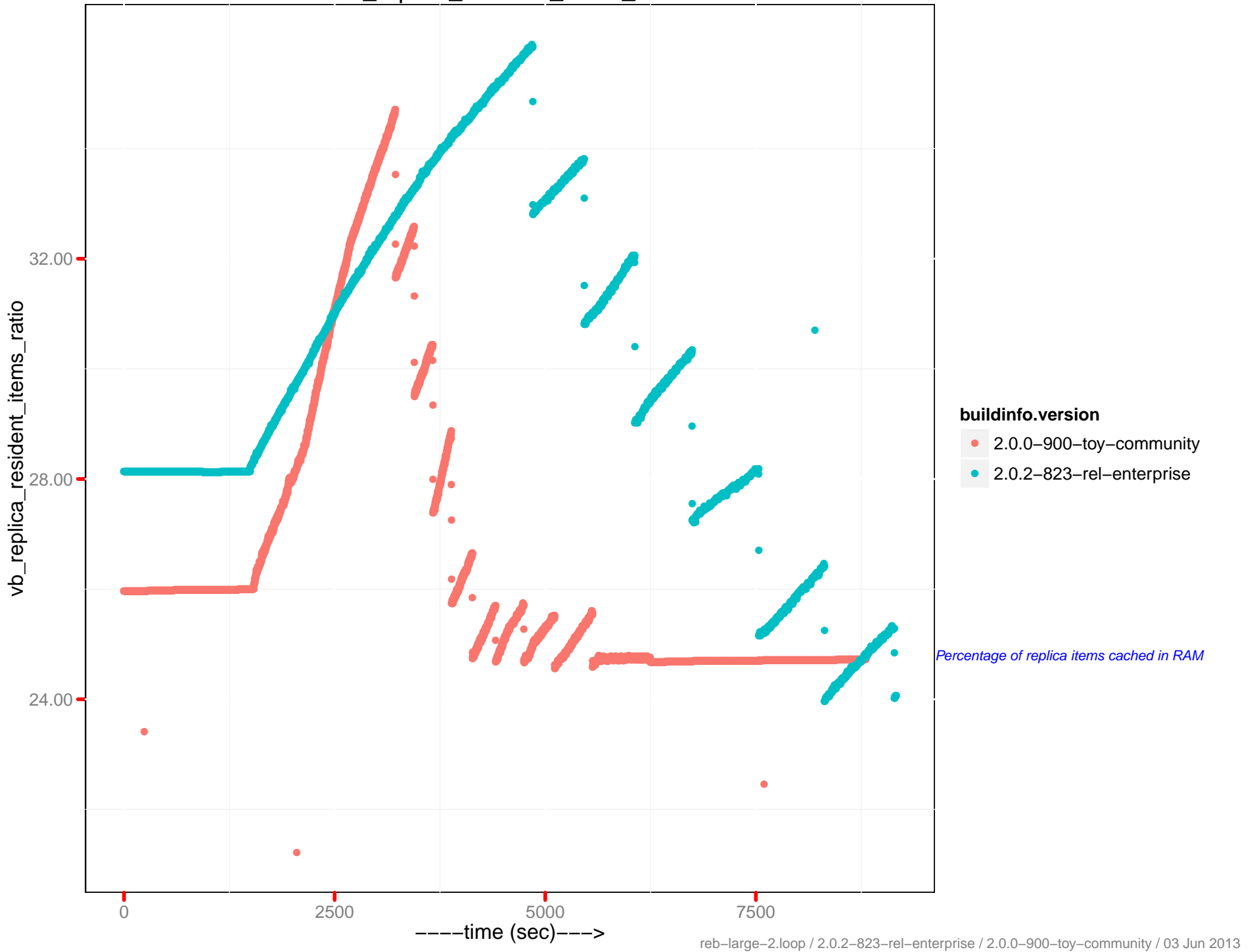


# vb\_active\_resident\_items\_ratio

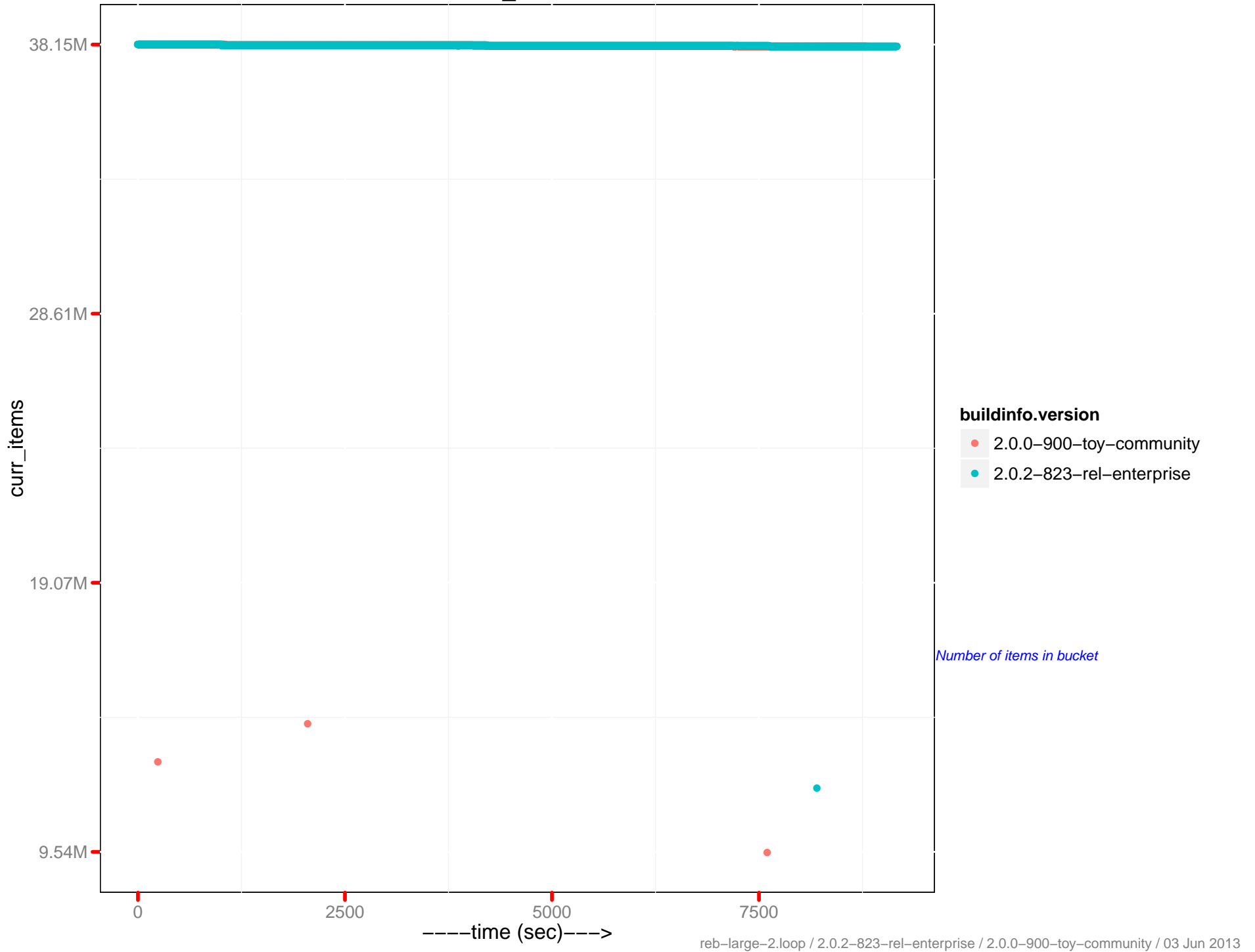




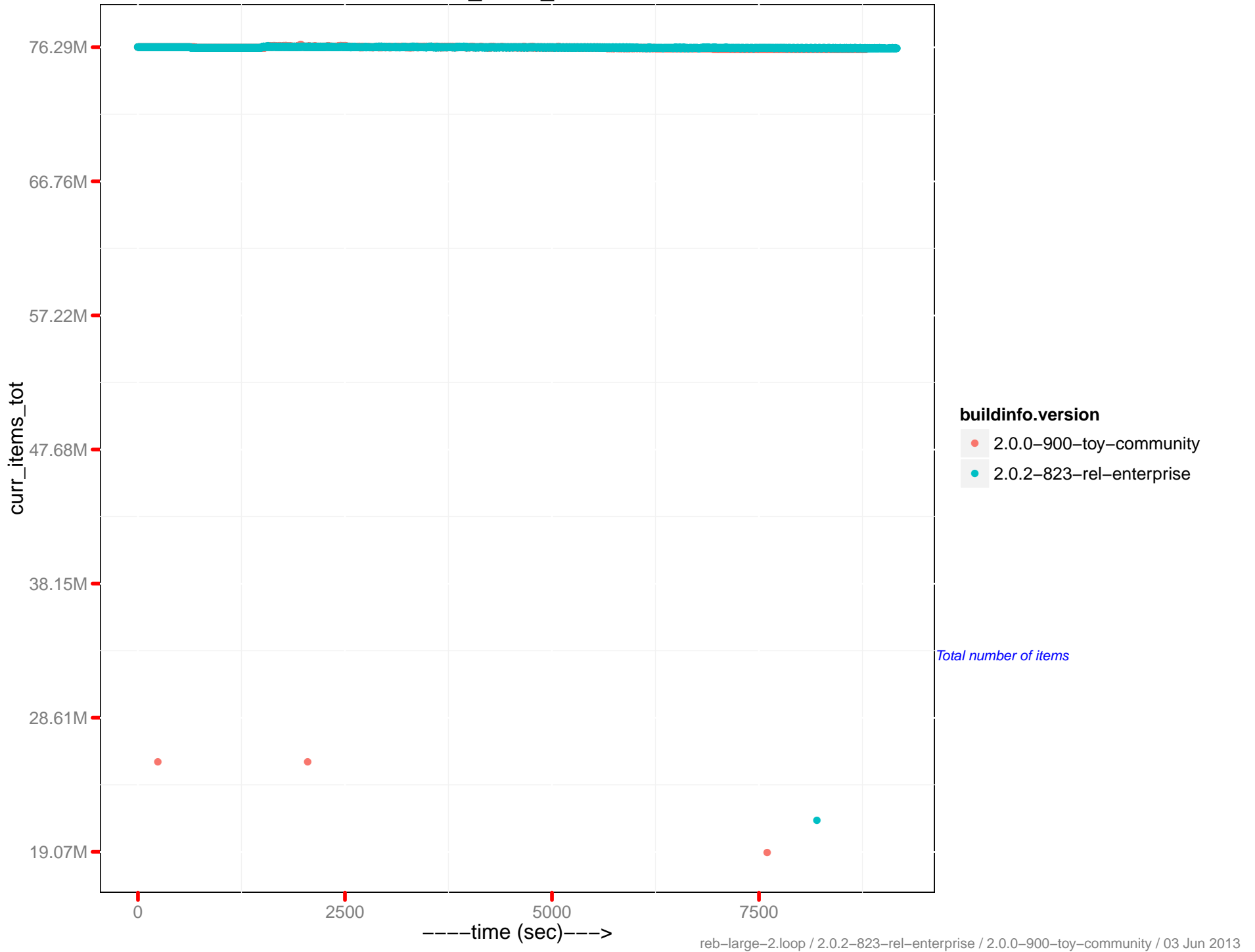
# vb\_replica\_resident\_items\_ratio



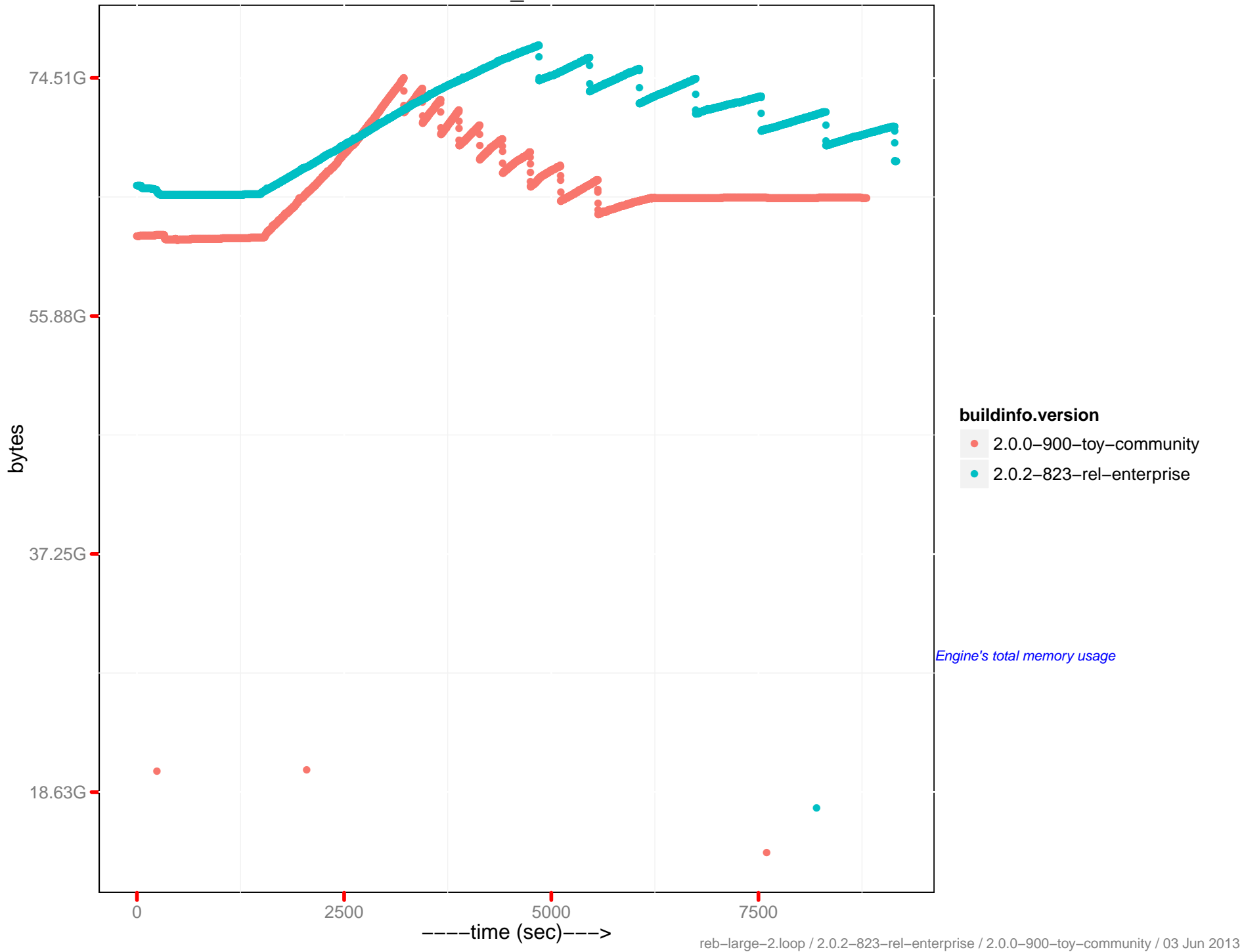
# curr\_items



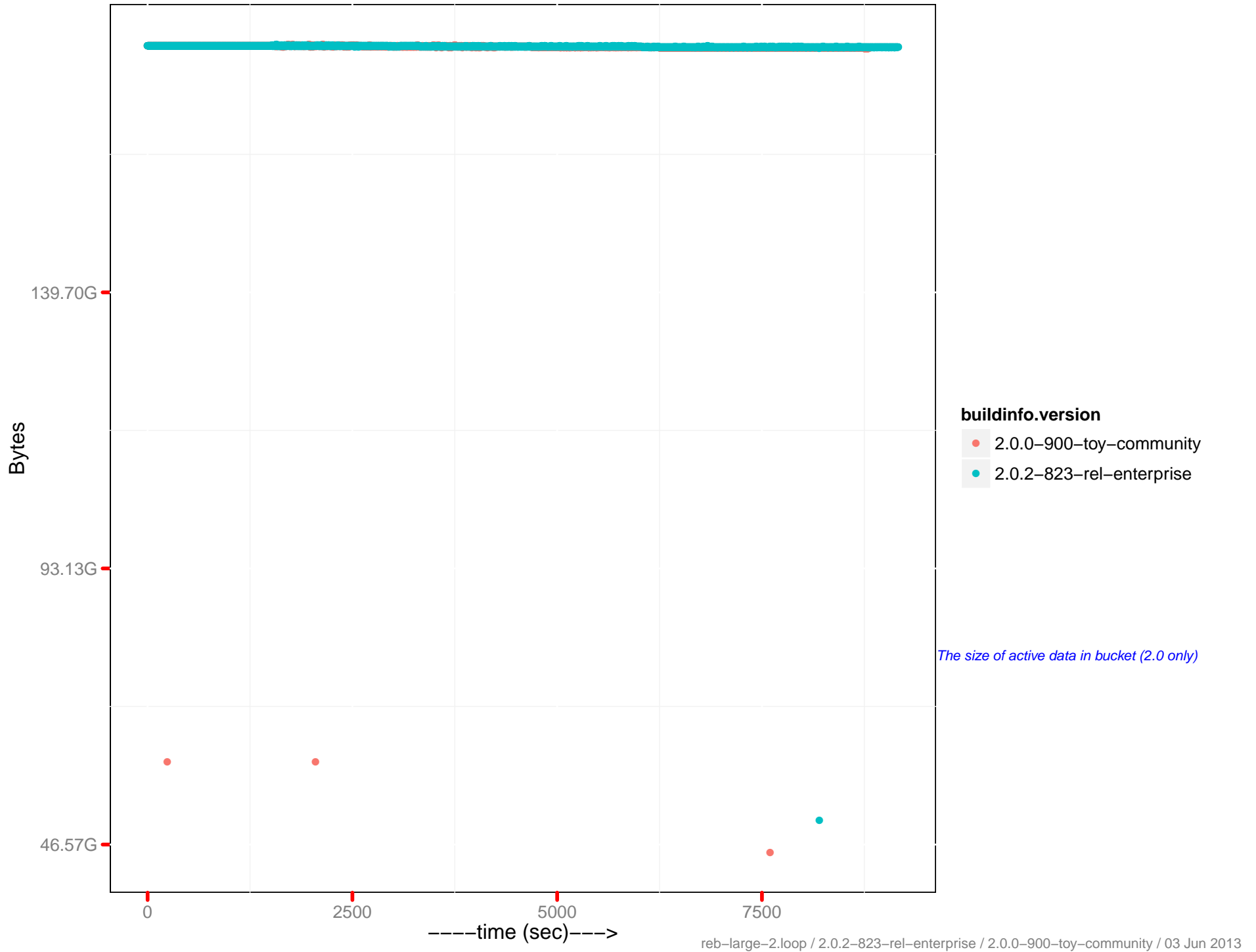
# cur\_items\_total



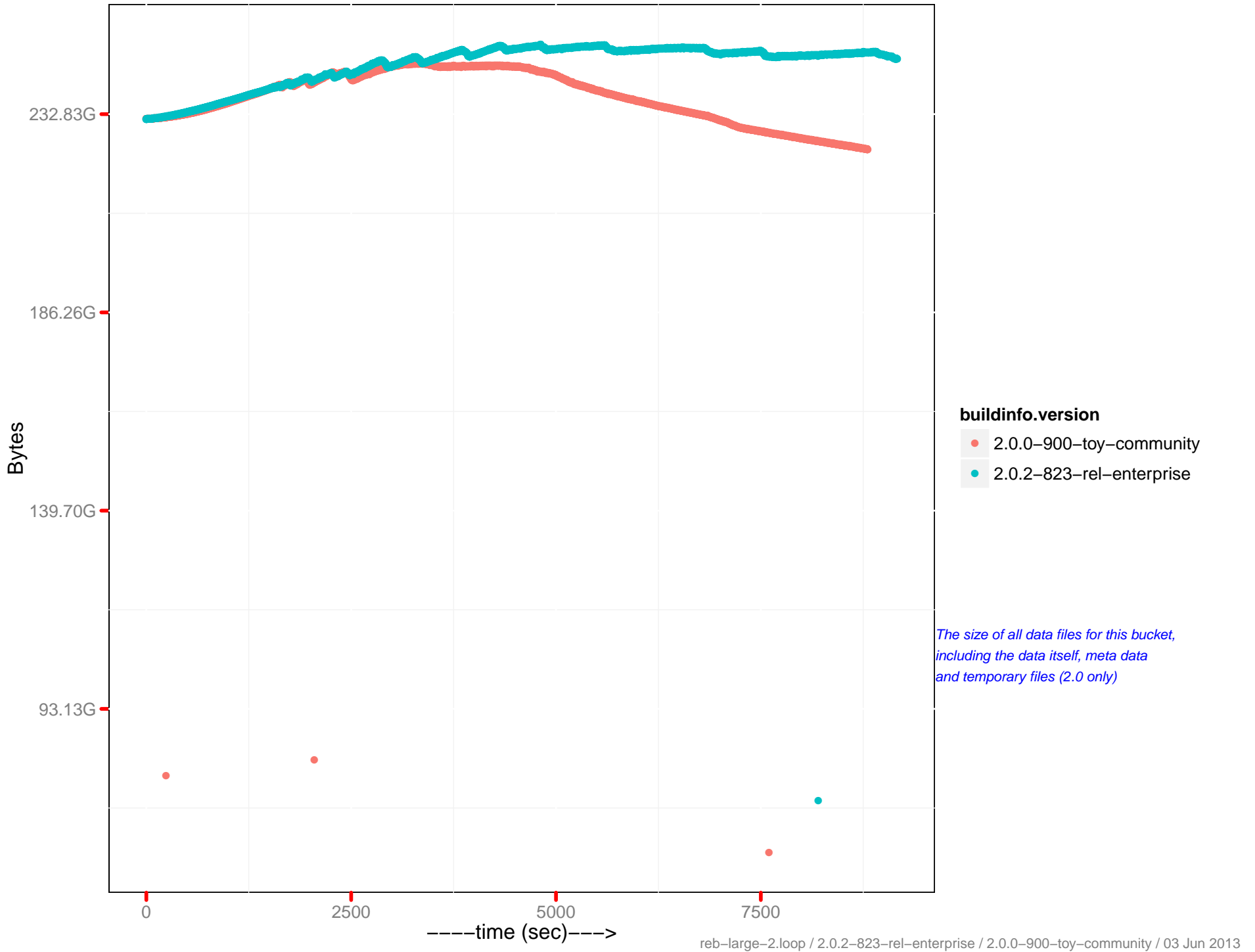
mem\_used



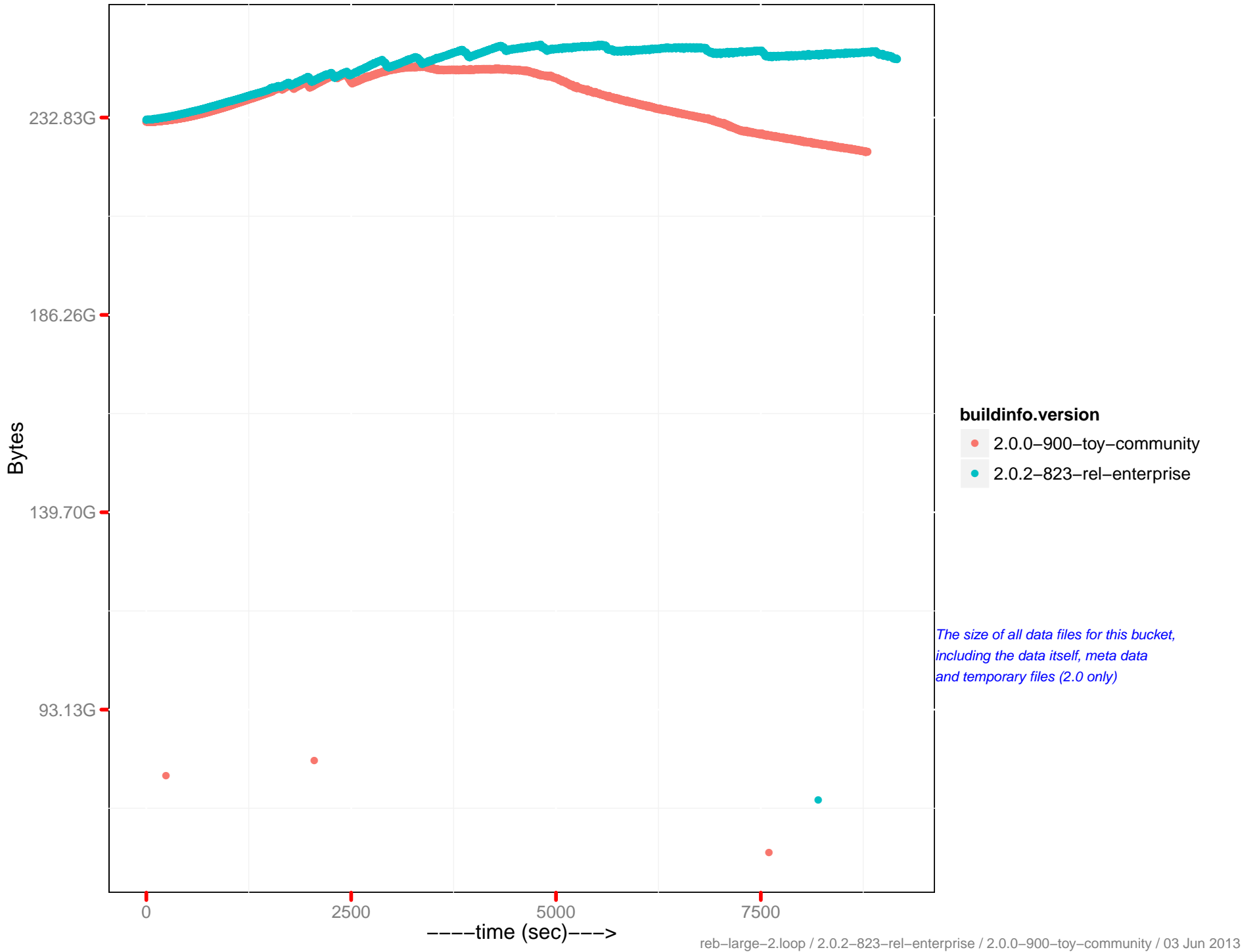
# Docs data size



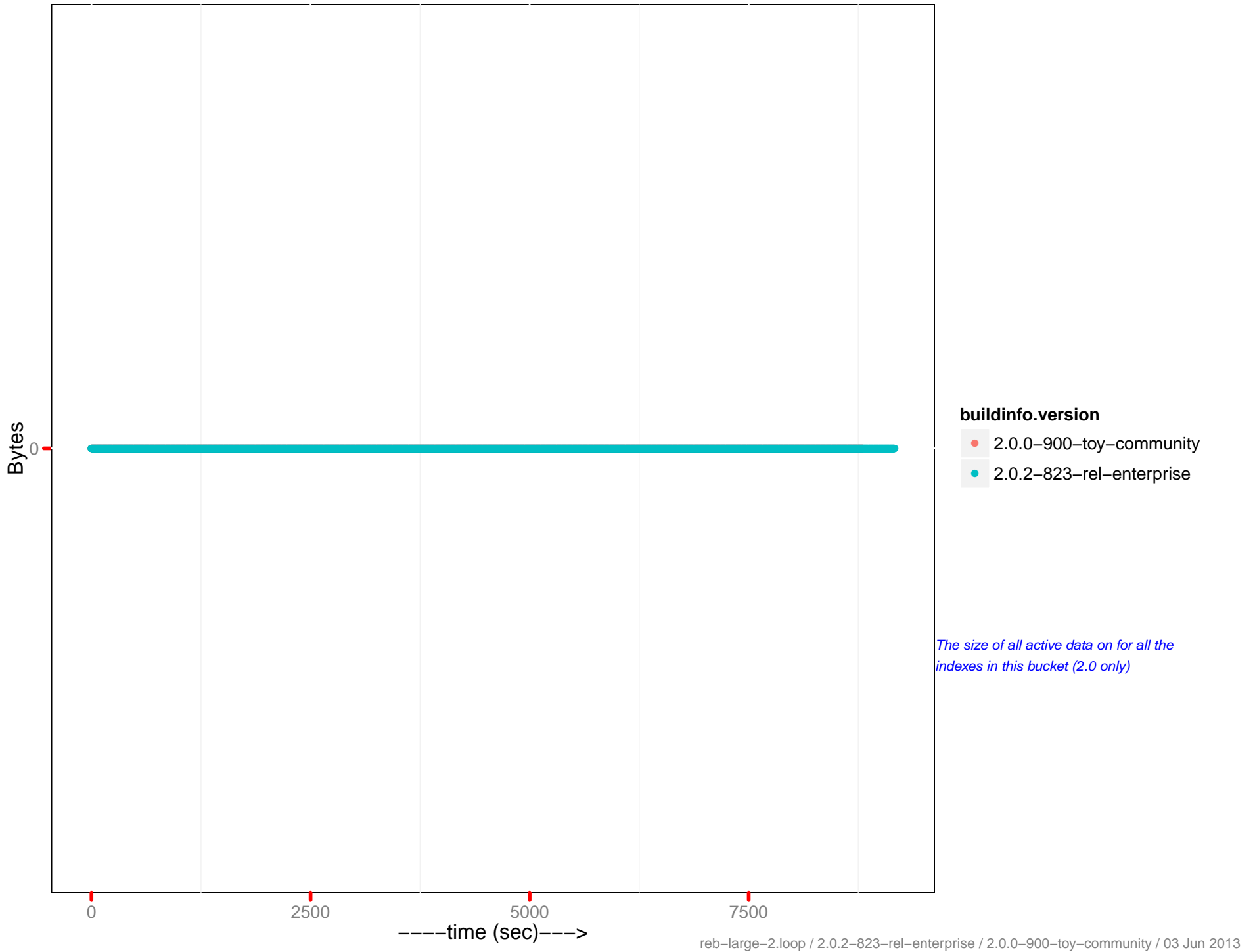
# Docs disk size



# Docs actual disk size

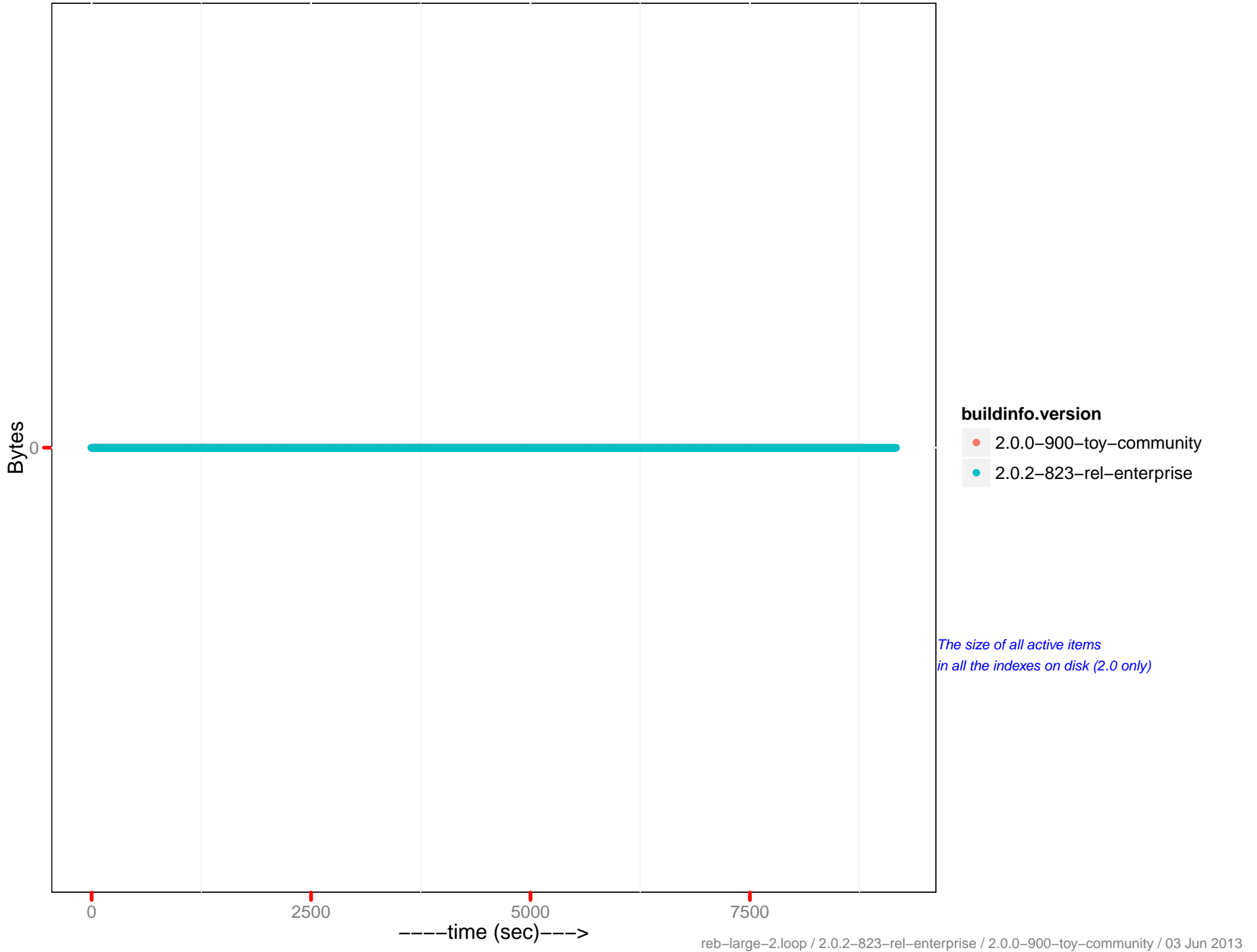


# Views data size

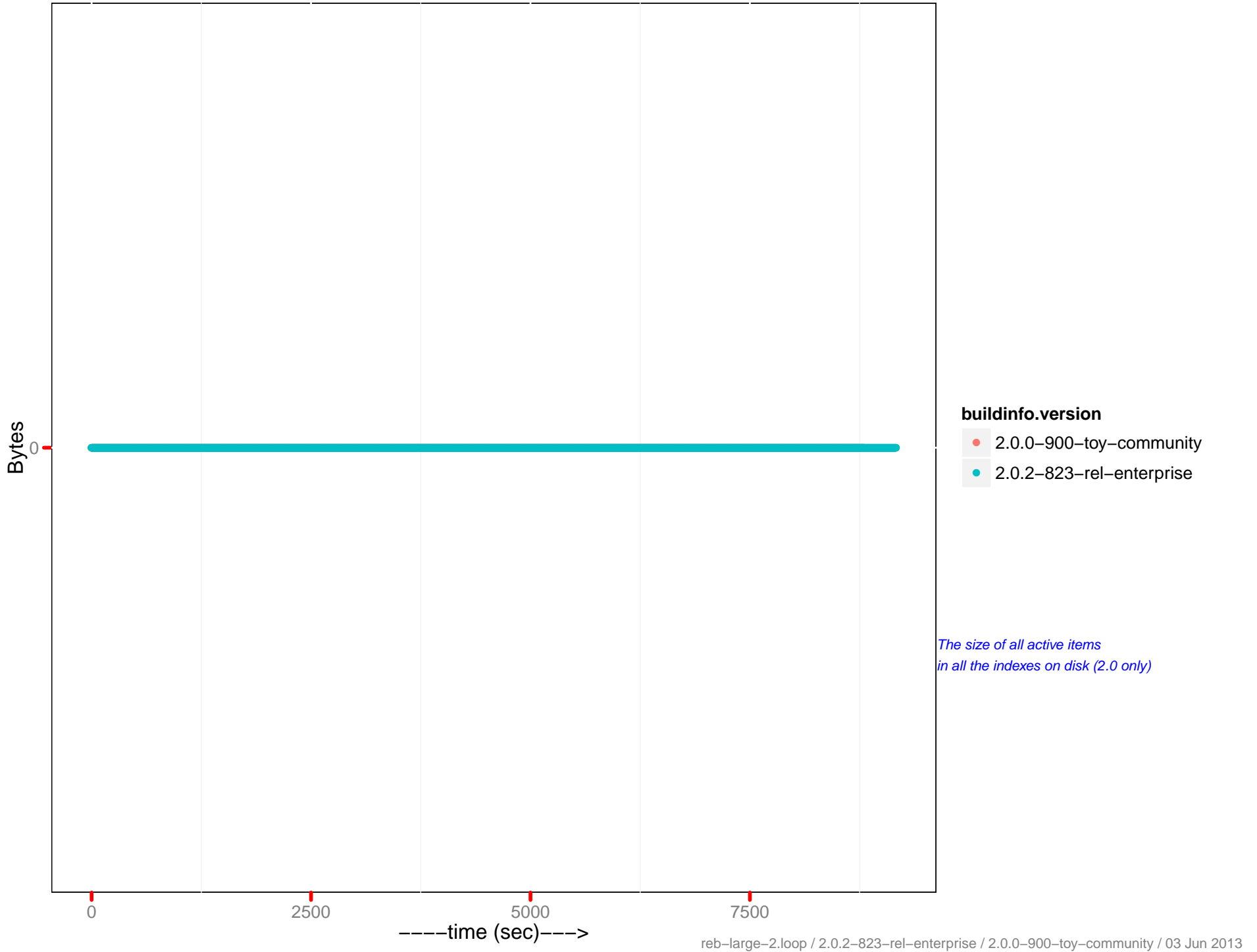




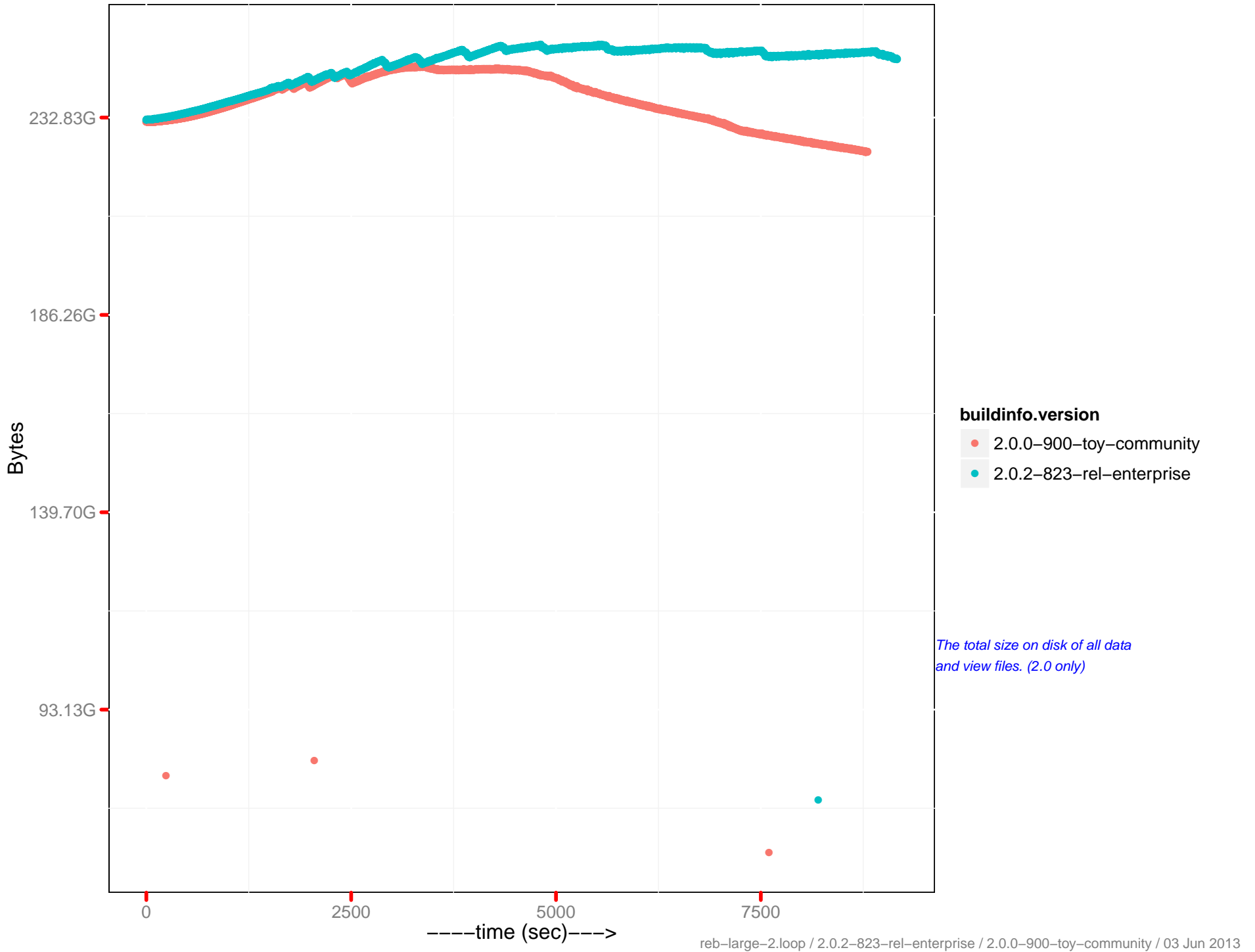
# Views disk size



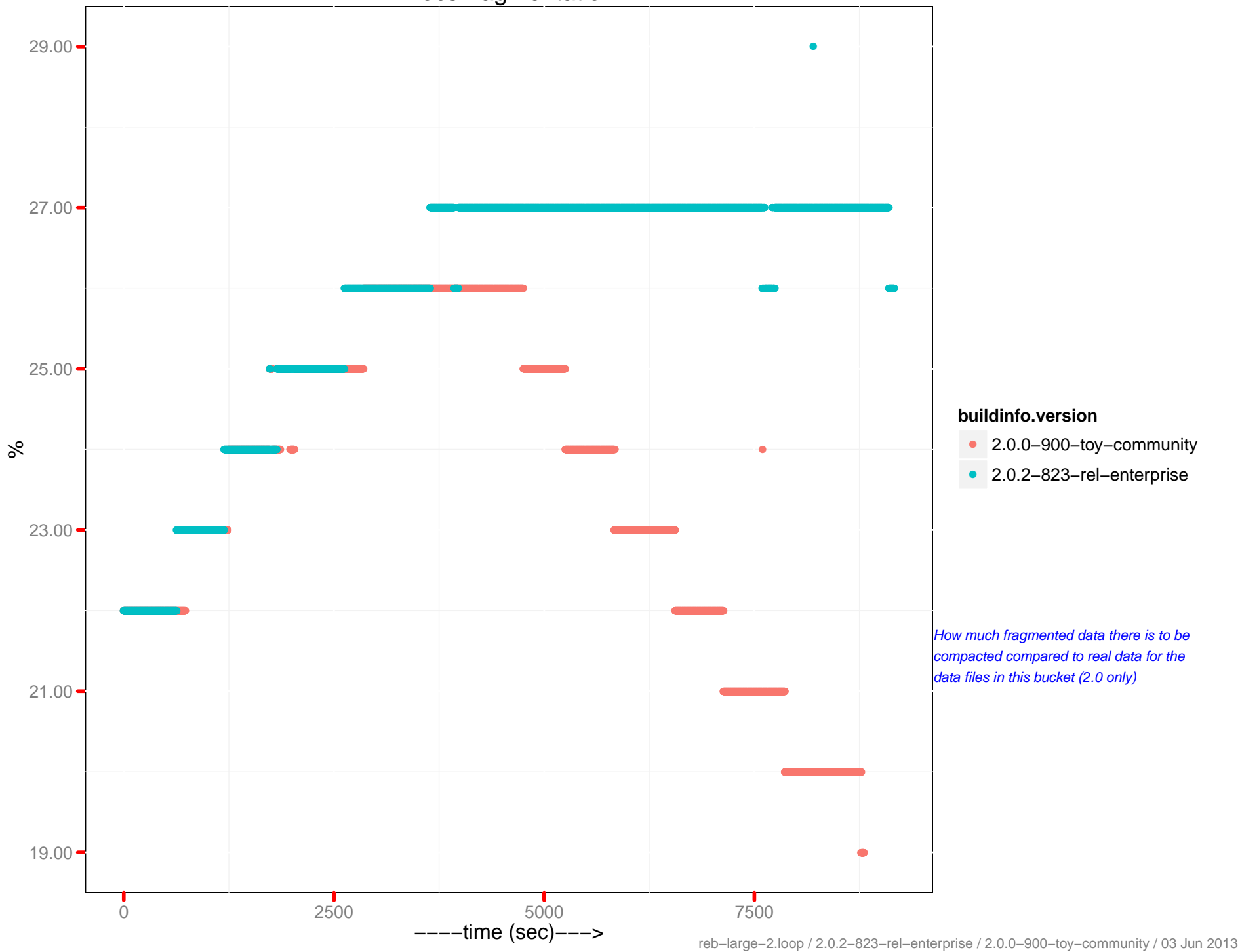
# Views actual disk size



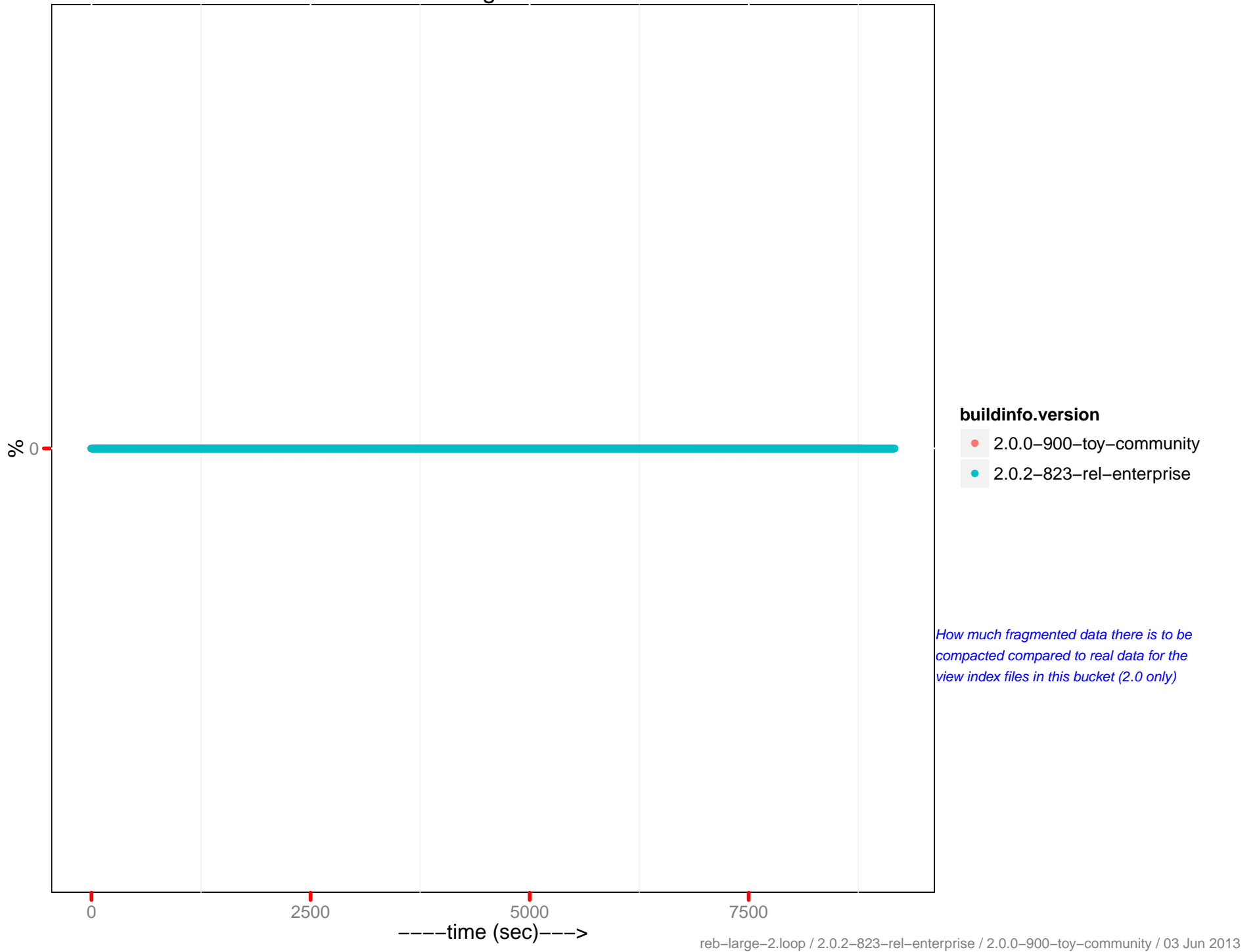
# Total disk size



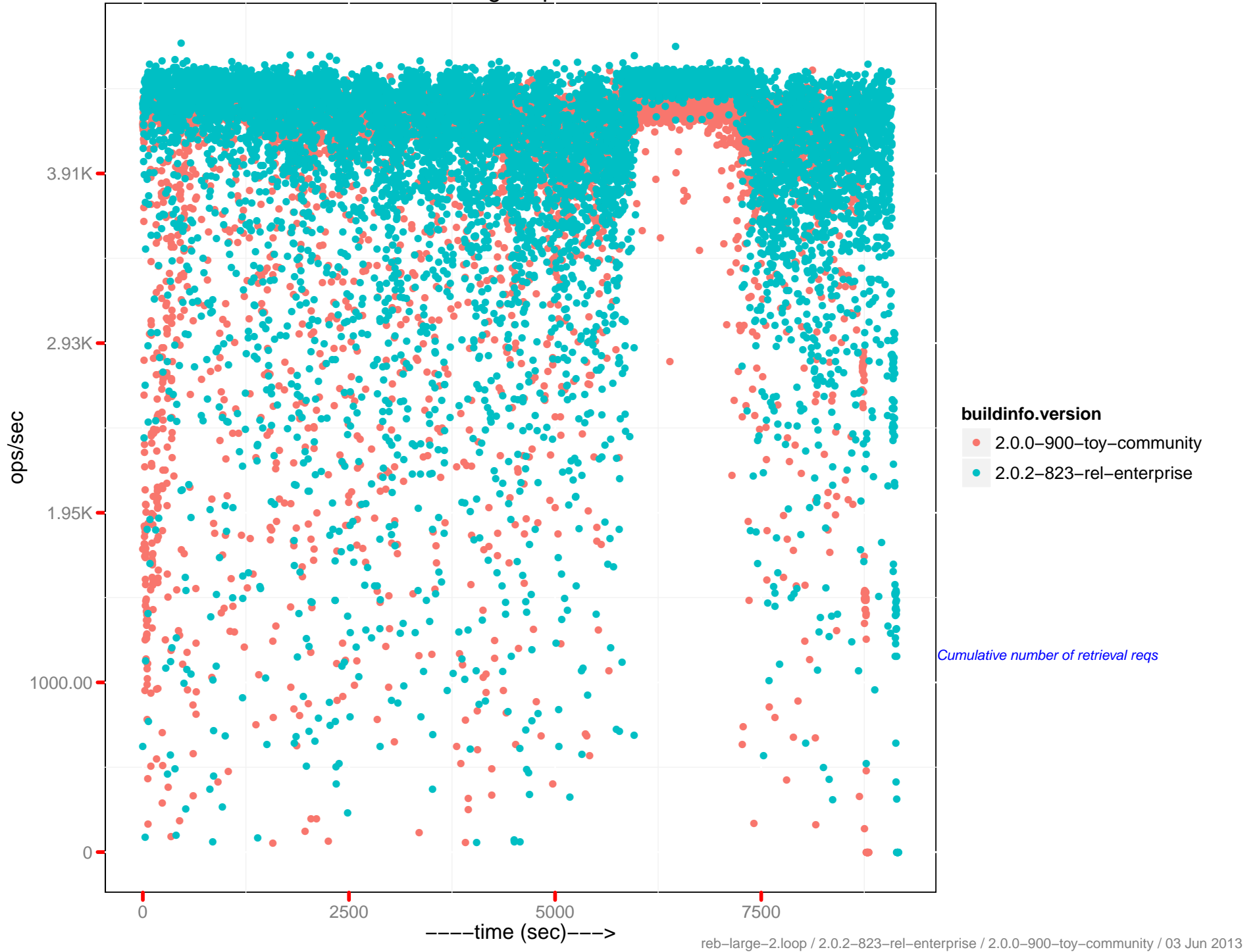
# Docs fragmentation



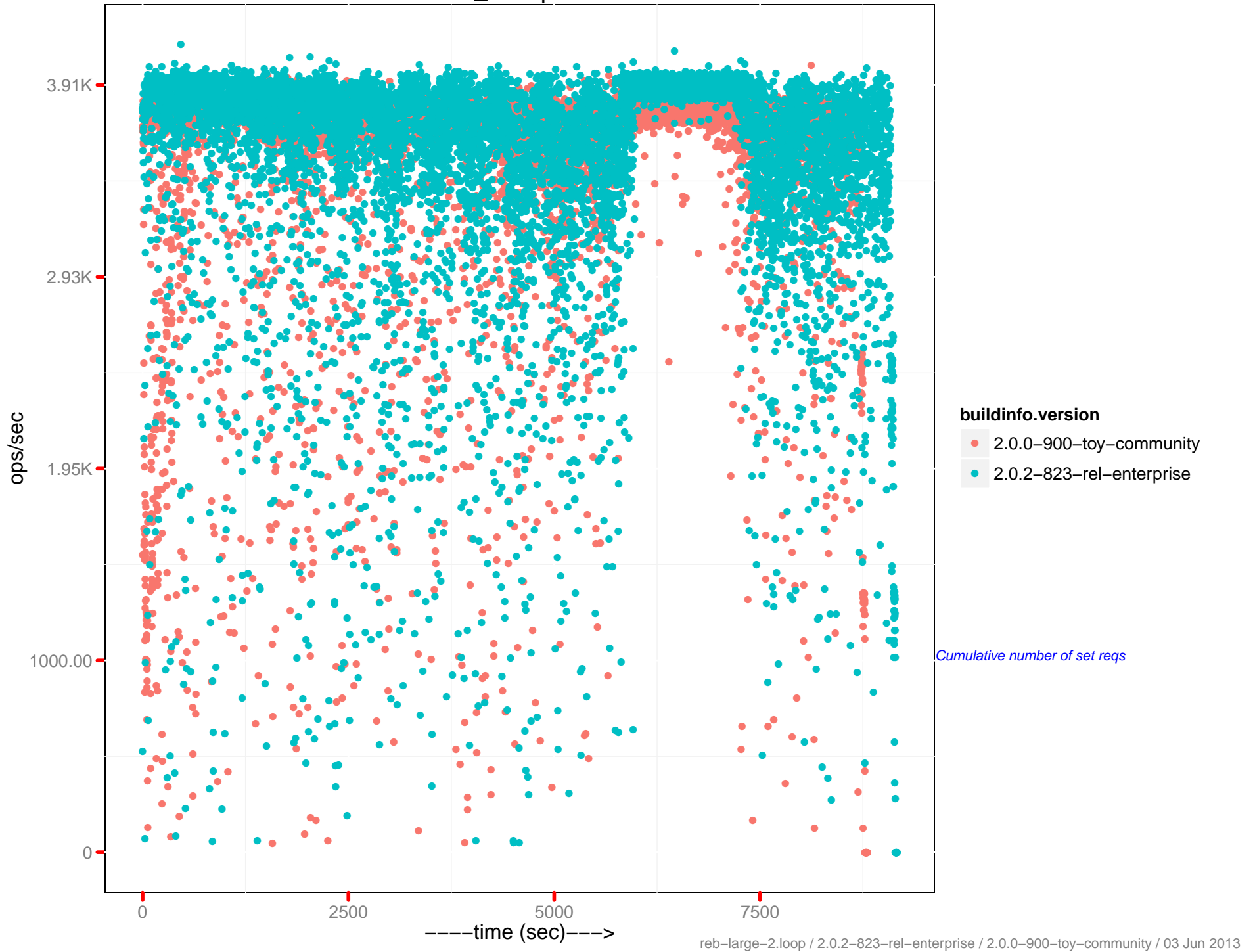
# Views fragmentation



cmd\_get ops/sec



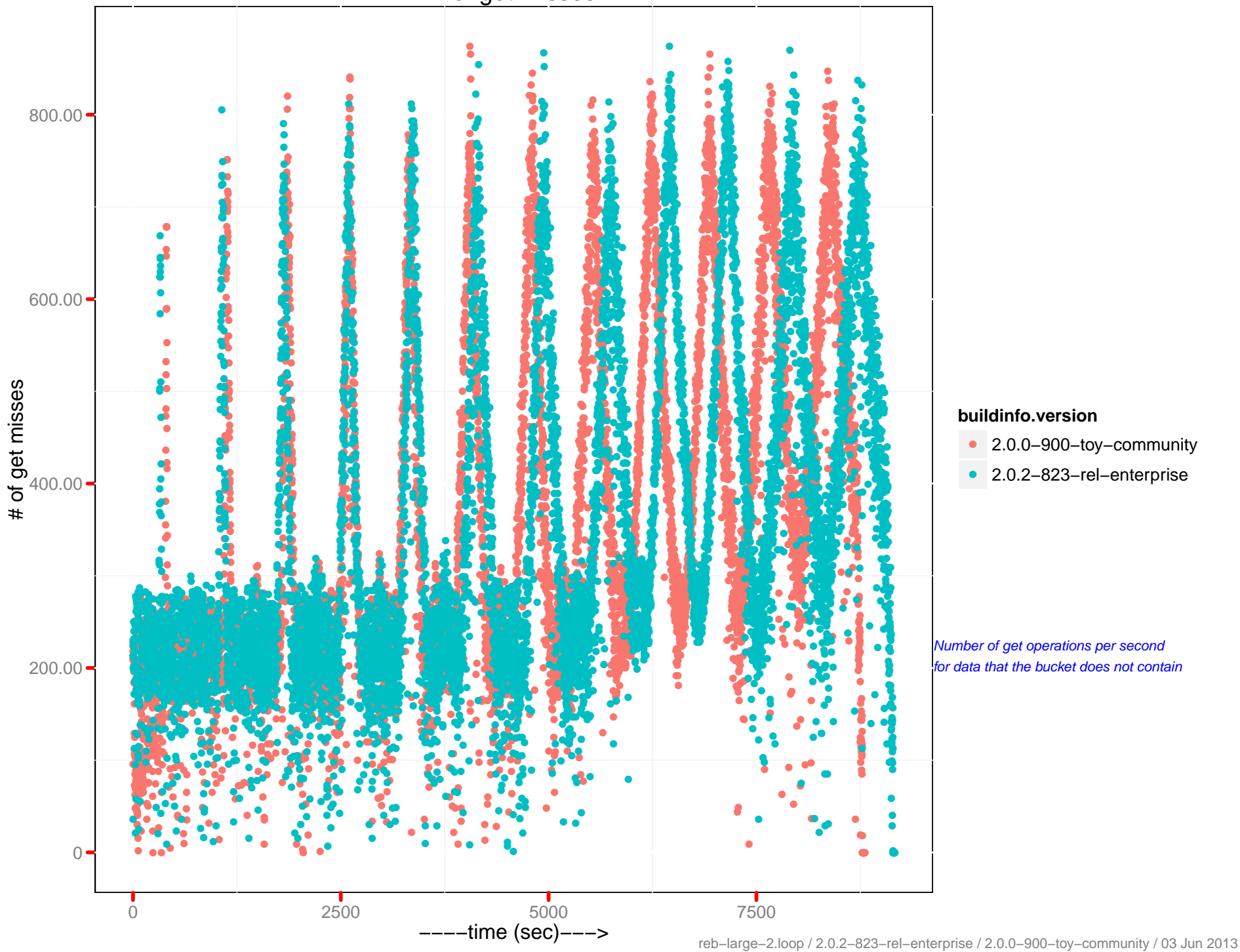
cmd\_set ops/sec



- buildinfo.version**
- 2.0.0-900-toy-community
  - 2.0.2-823-rel-enterprise

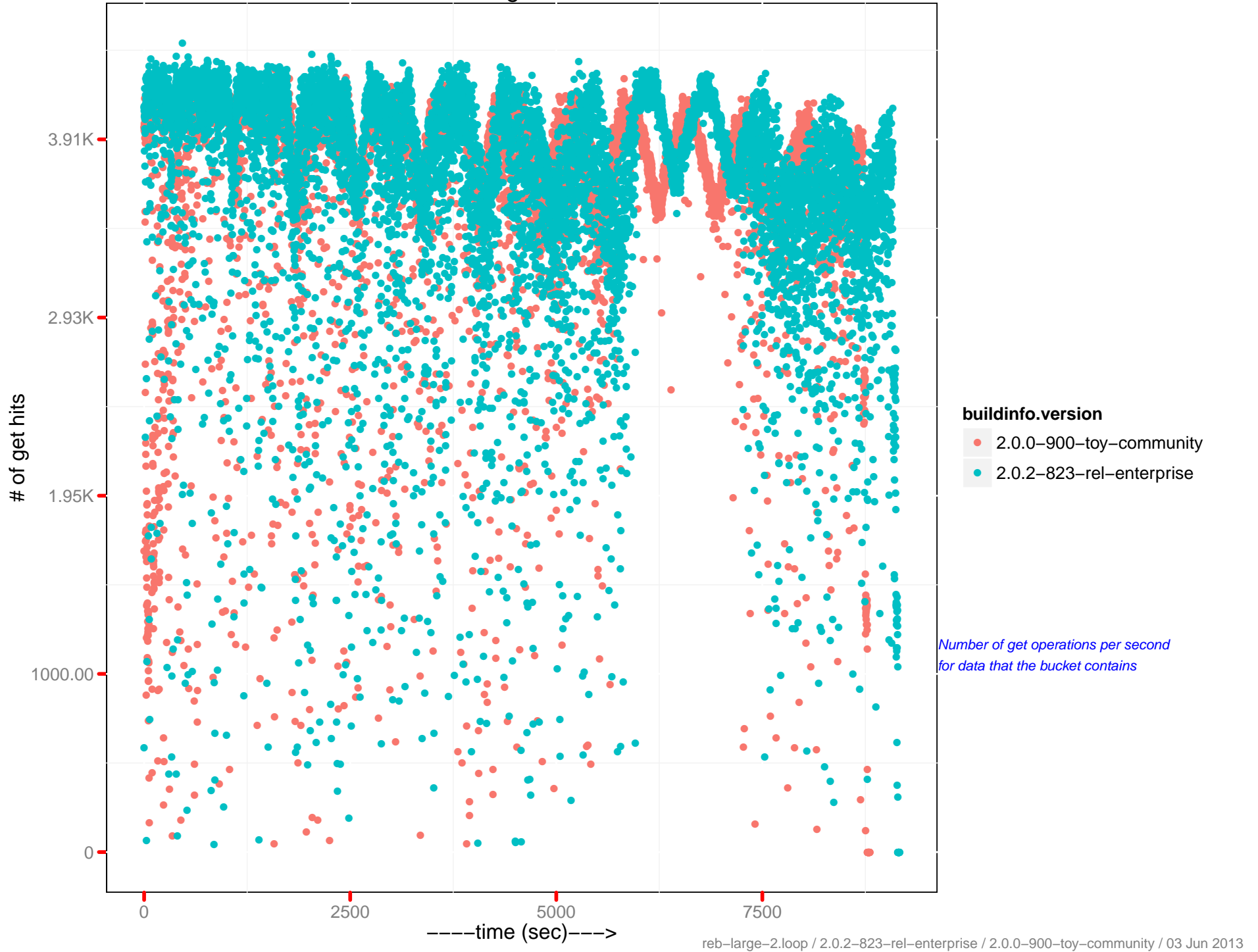
Cumulative number of set reqs

# # of get misses

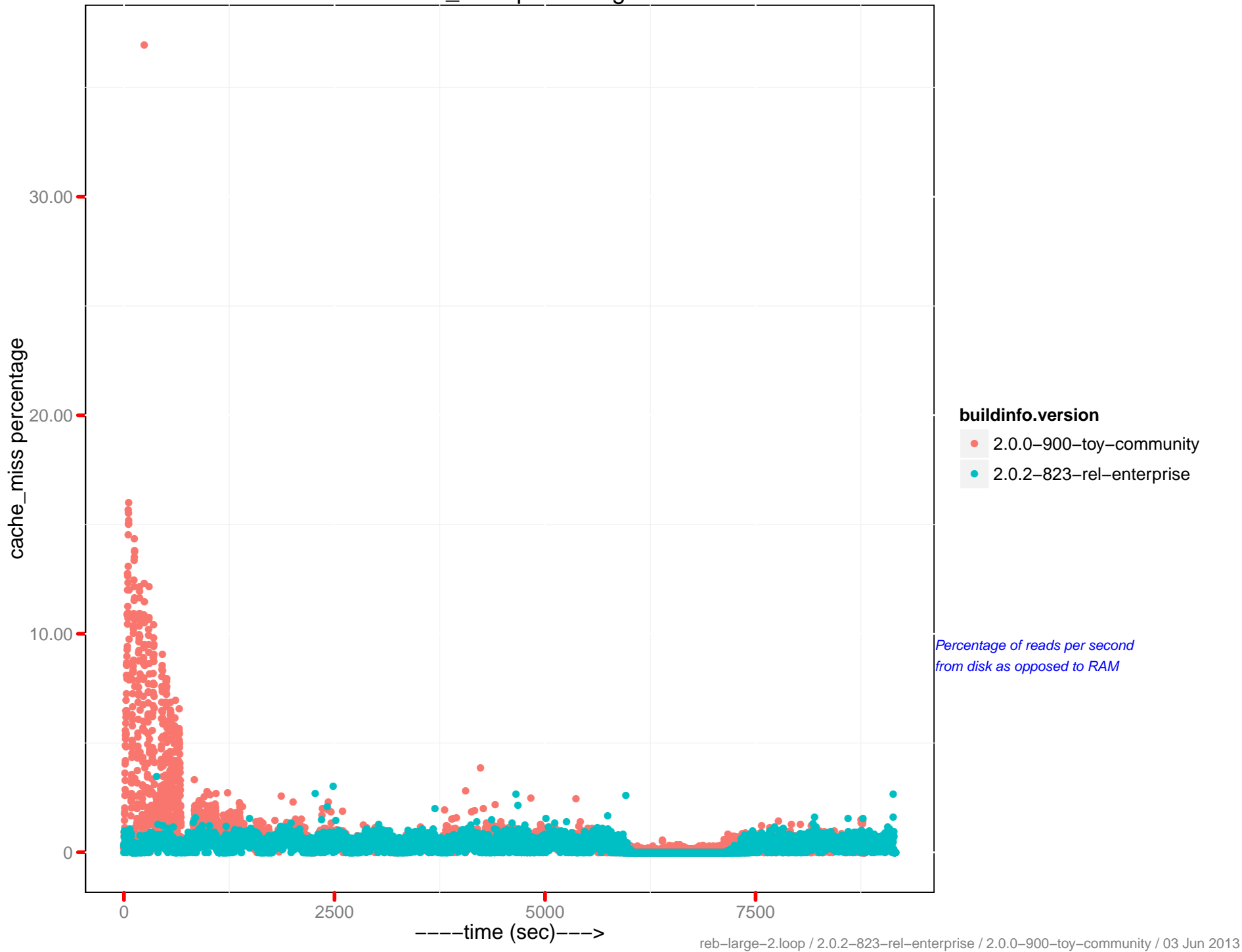




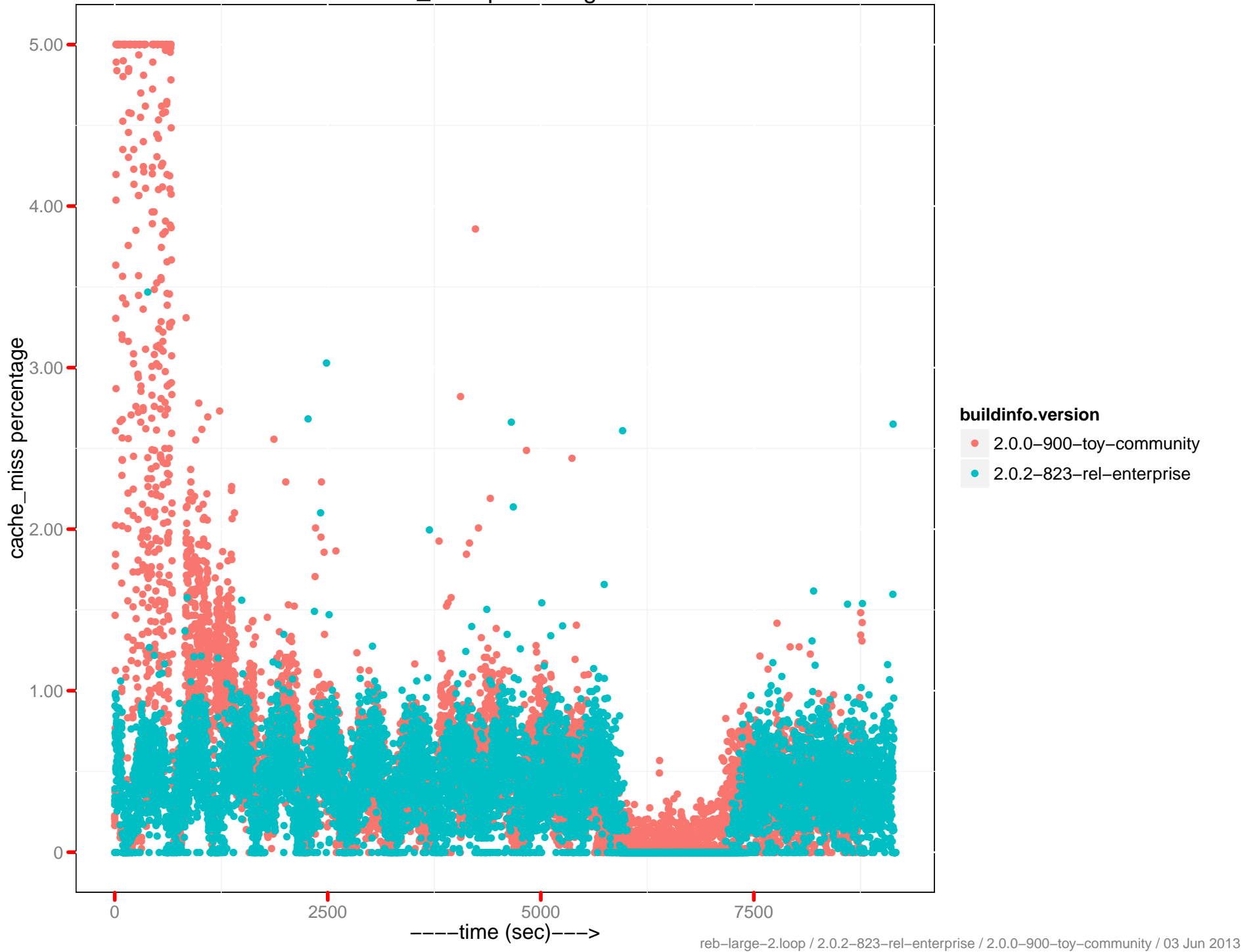
# # of get hits



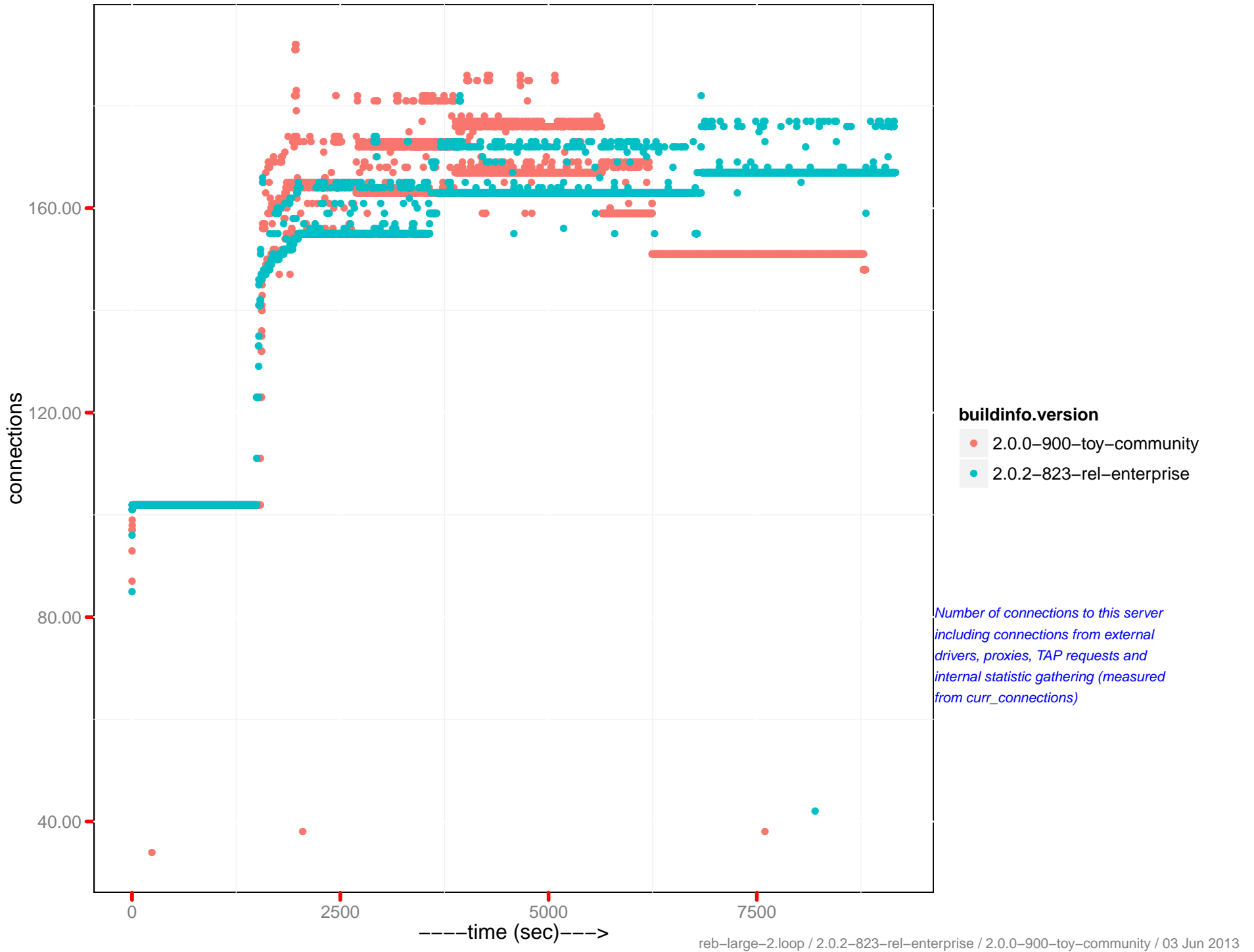
# cache\_miss percentage



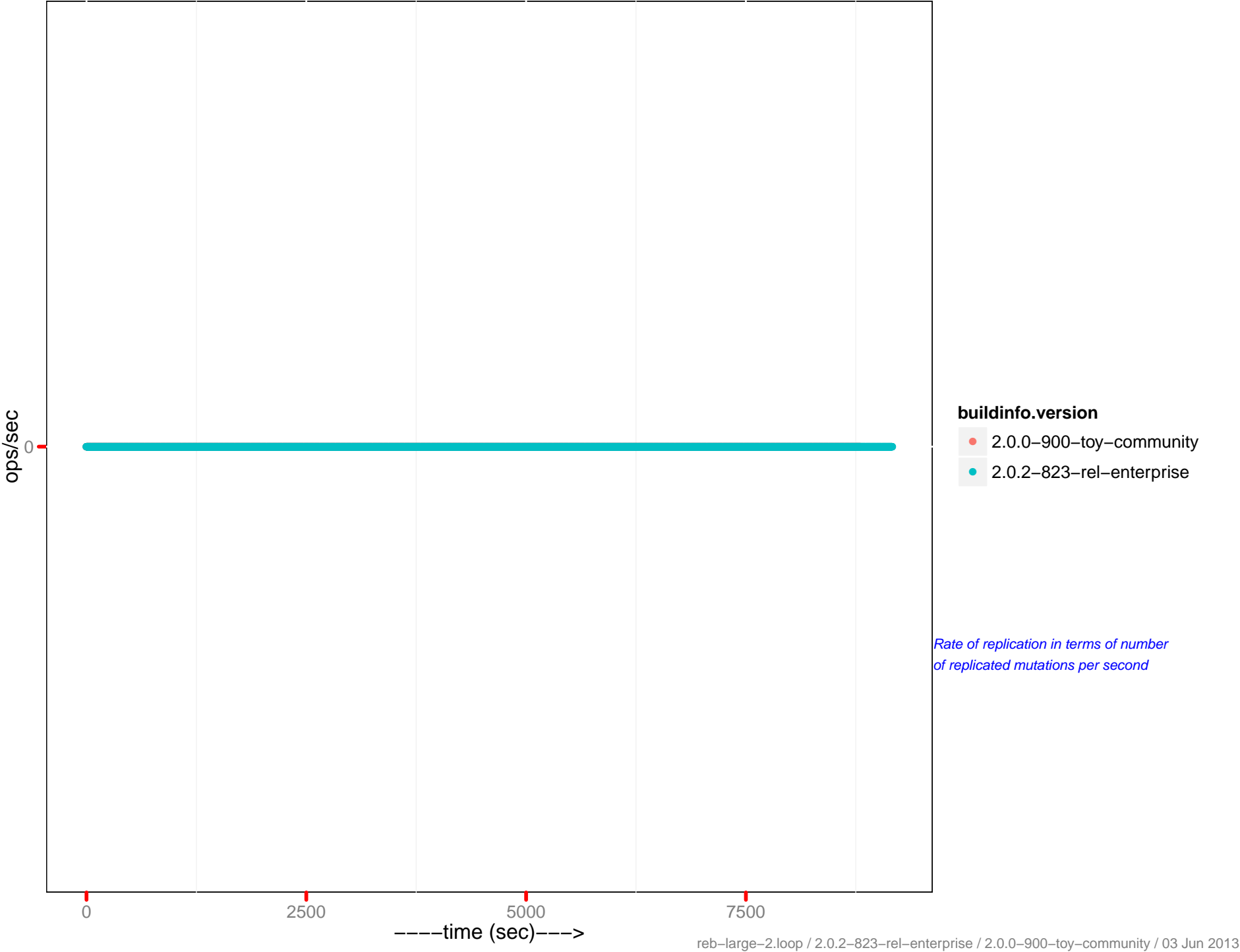
cache\_miss percentage 0-5



# Number of connections

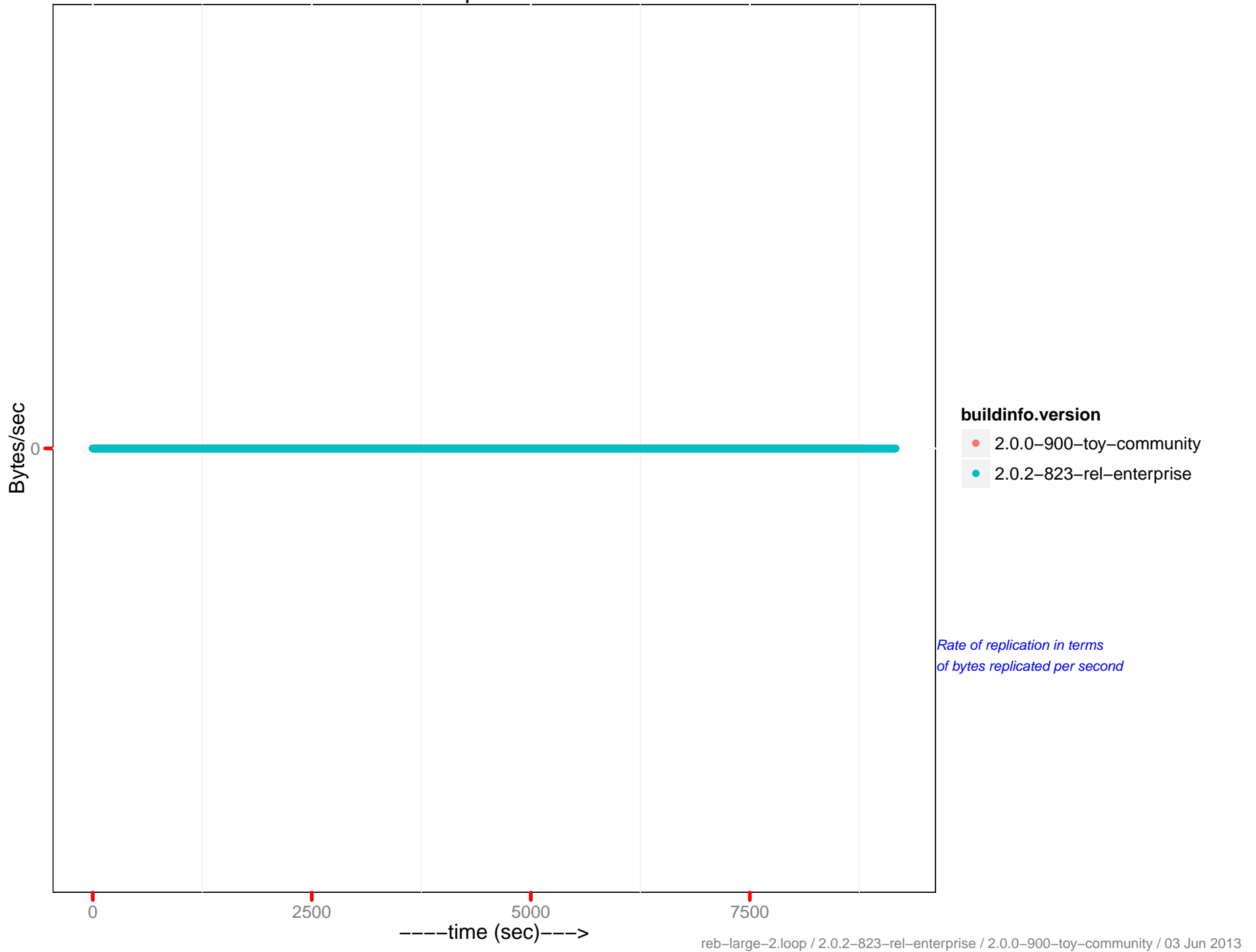


# Mutation replication rate

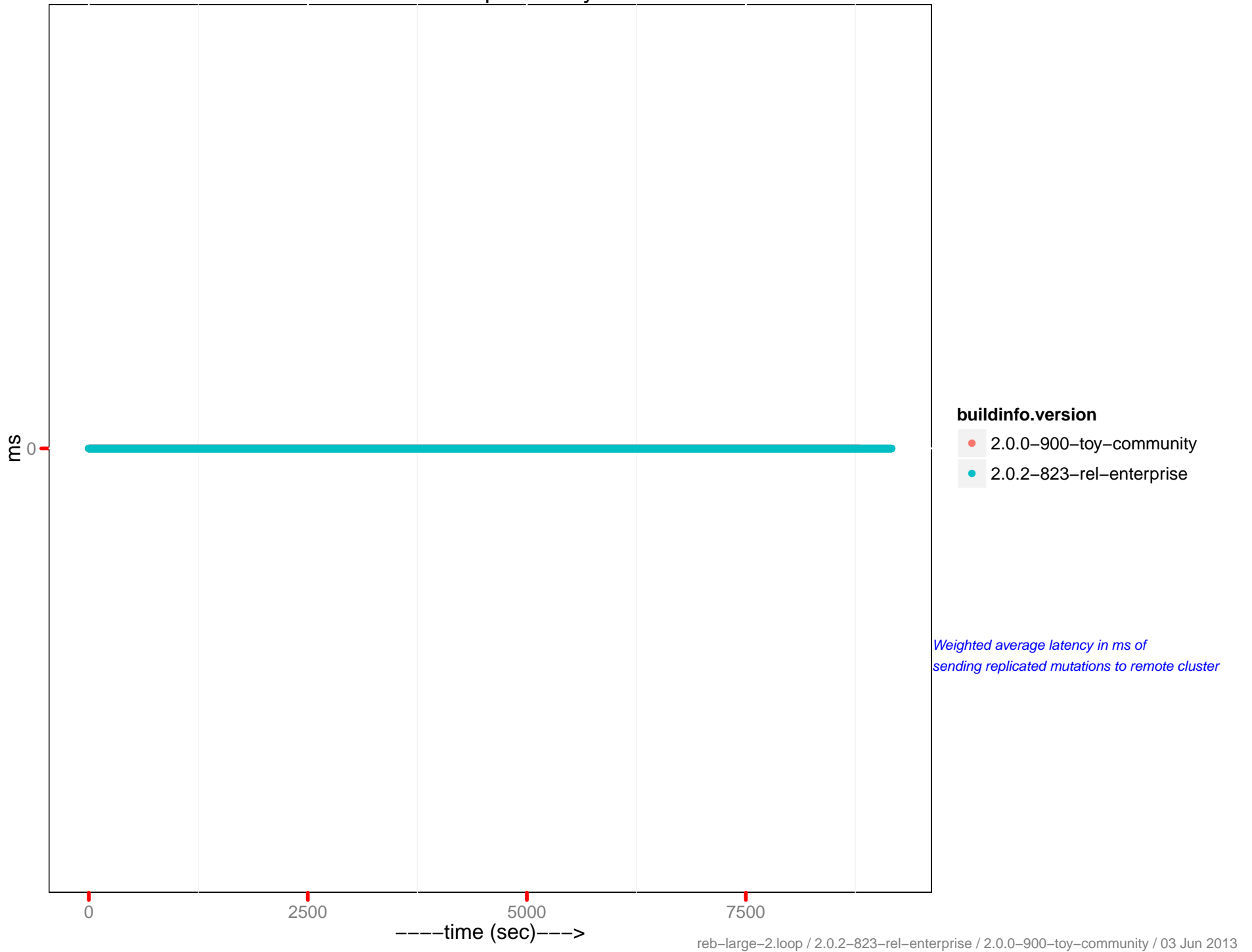


Rate of replication in terms of number of replicated mutations per second

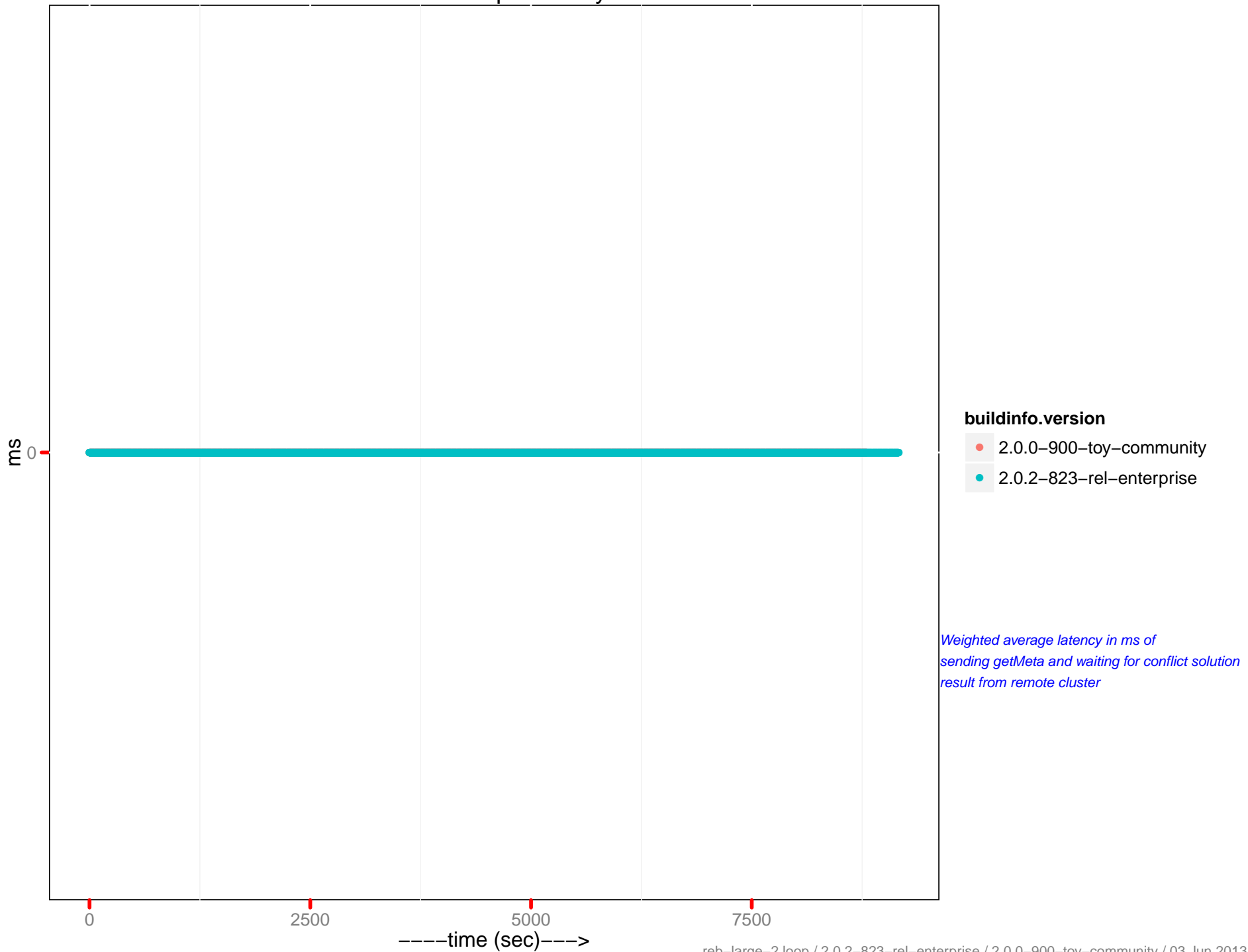
# Data replication rate



# ms doc ops latency

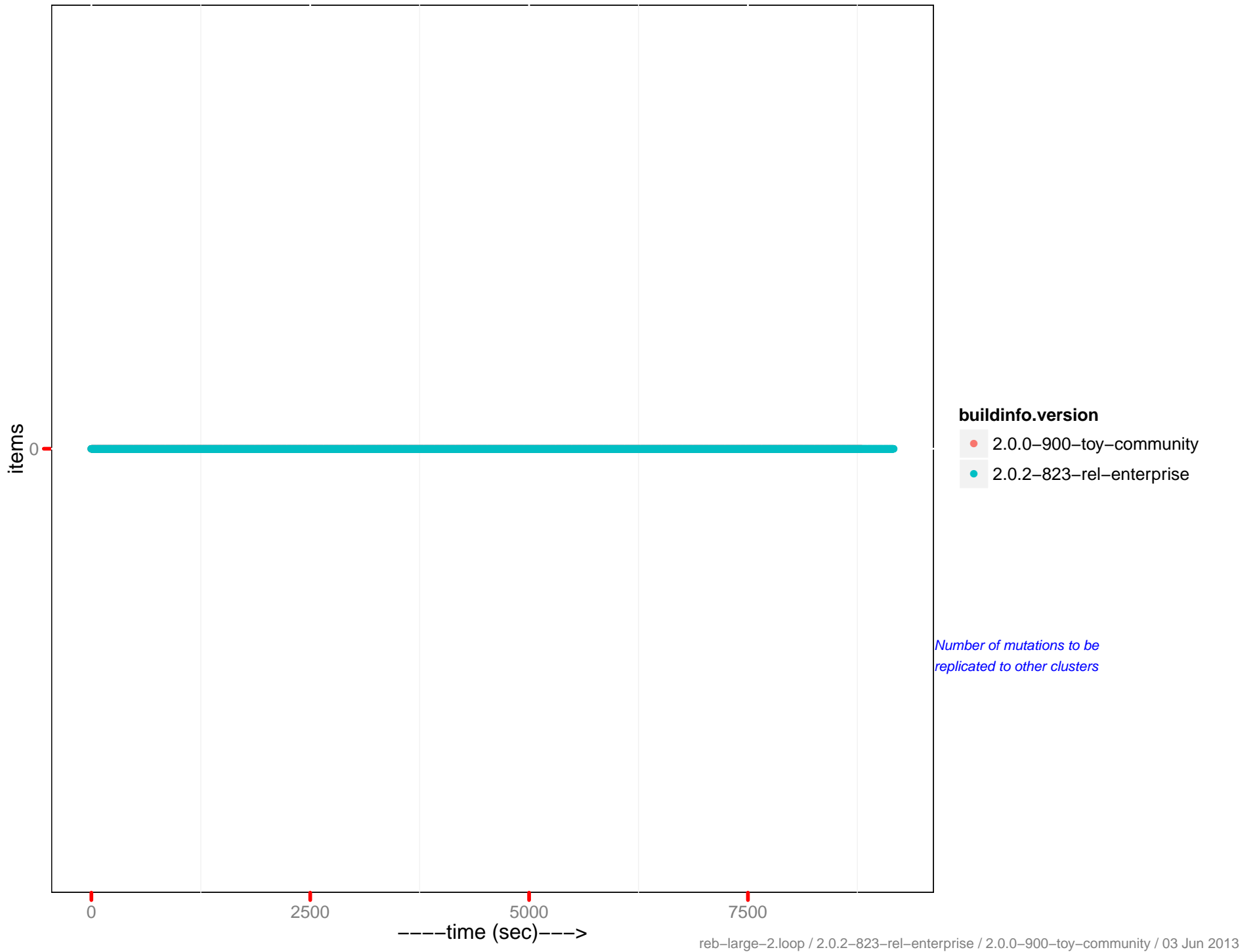


# ms meta ops latency

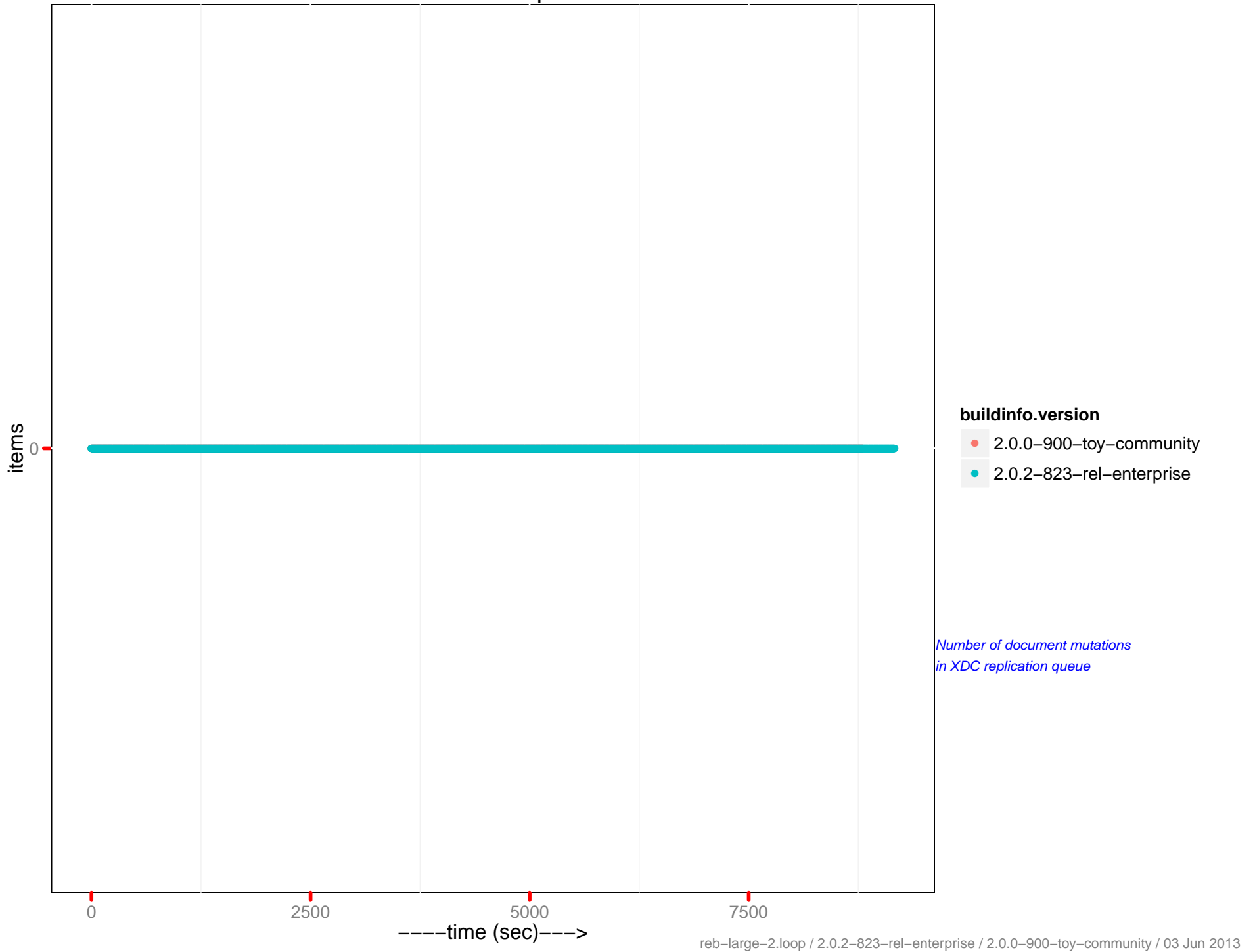




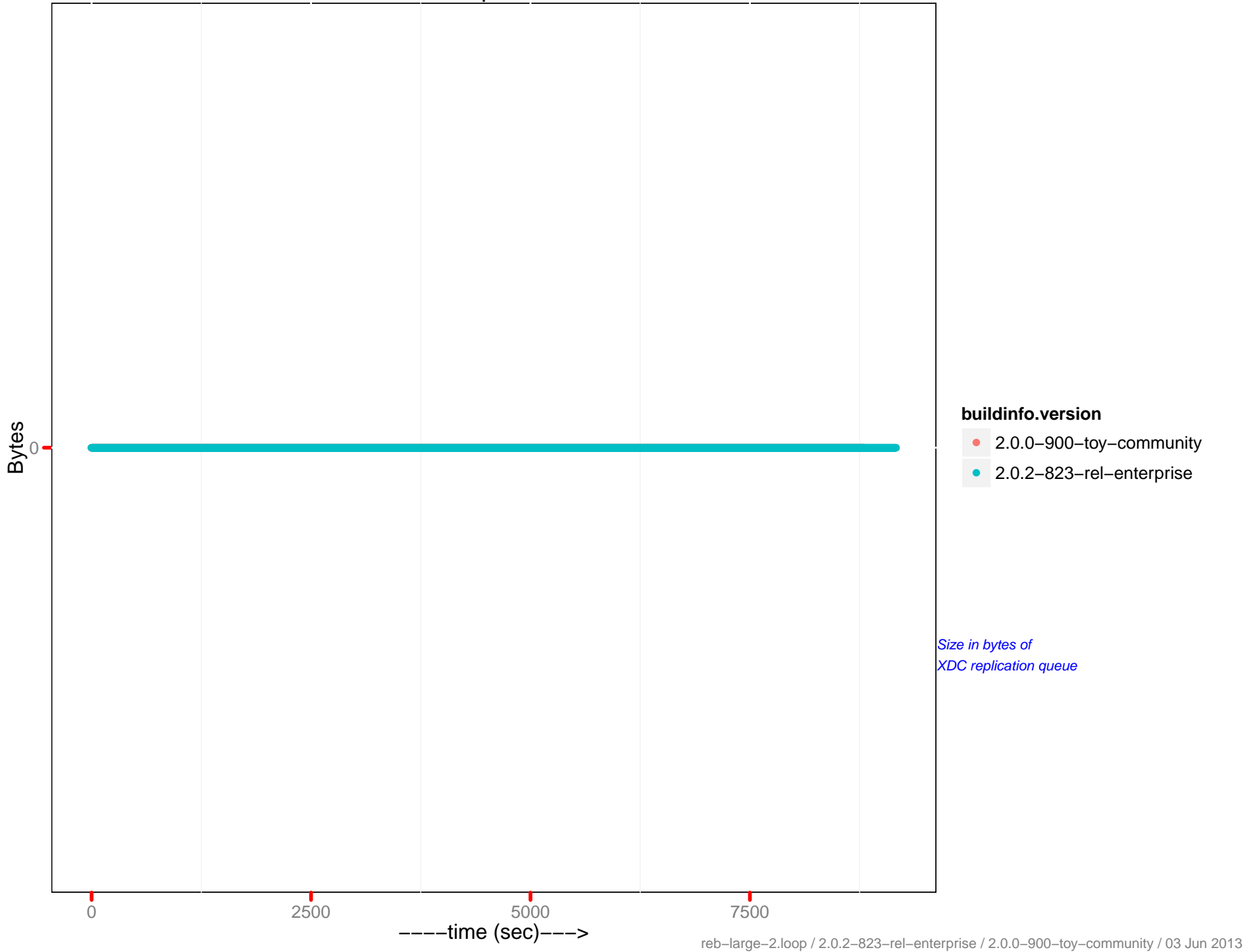
# Outbound XDCR mutations



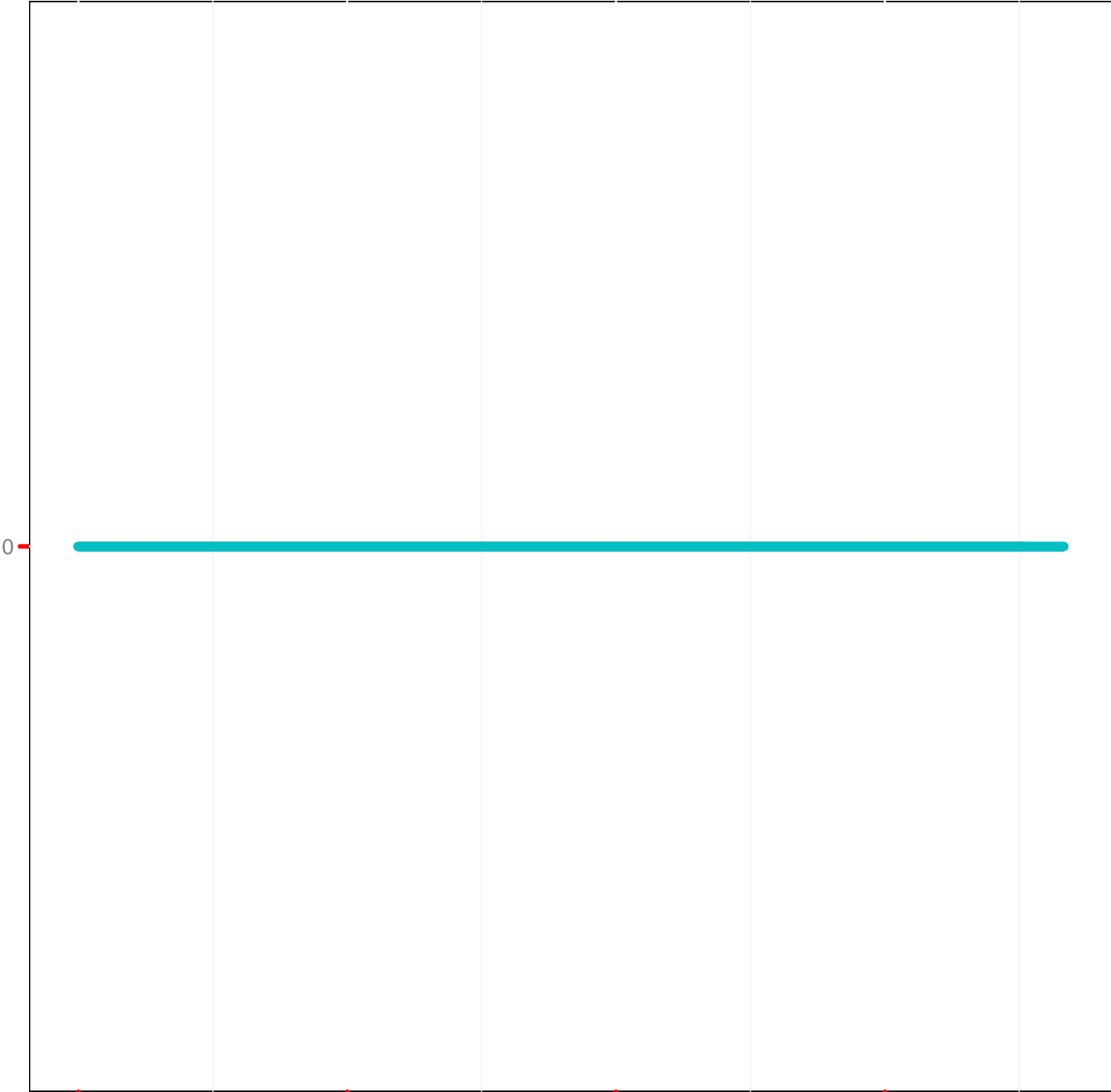
# Mutations in queue



# XDCR queue size



# Mutations checked



- buildinfo.version**
- 2.0.0-900-toy-community
  - 2.0.2-823-rel-enterprise

*Document mutations checked  
for XDC replication*

0

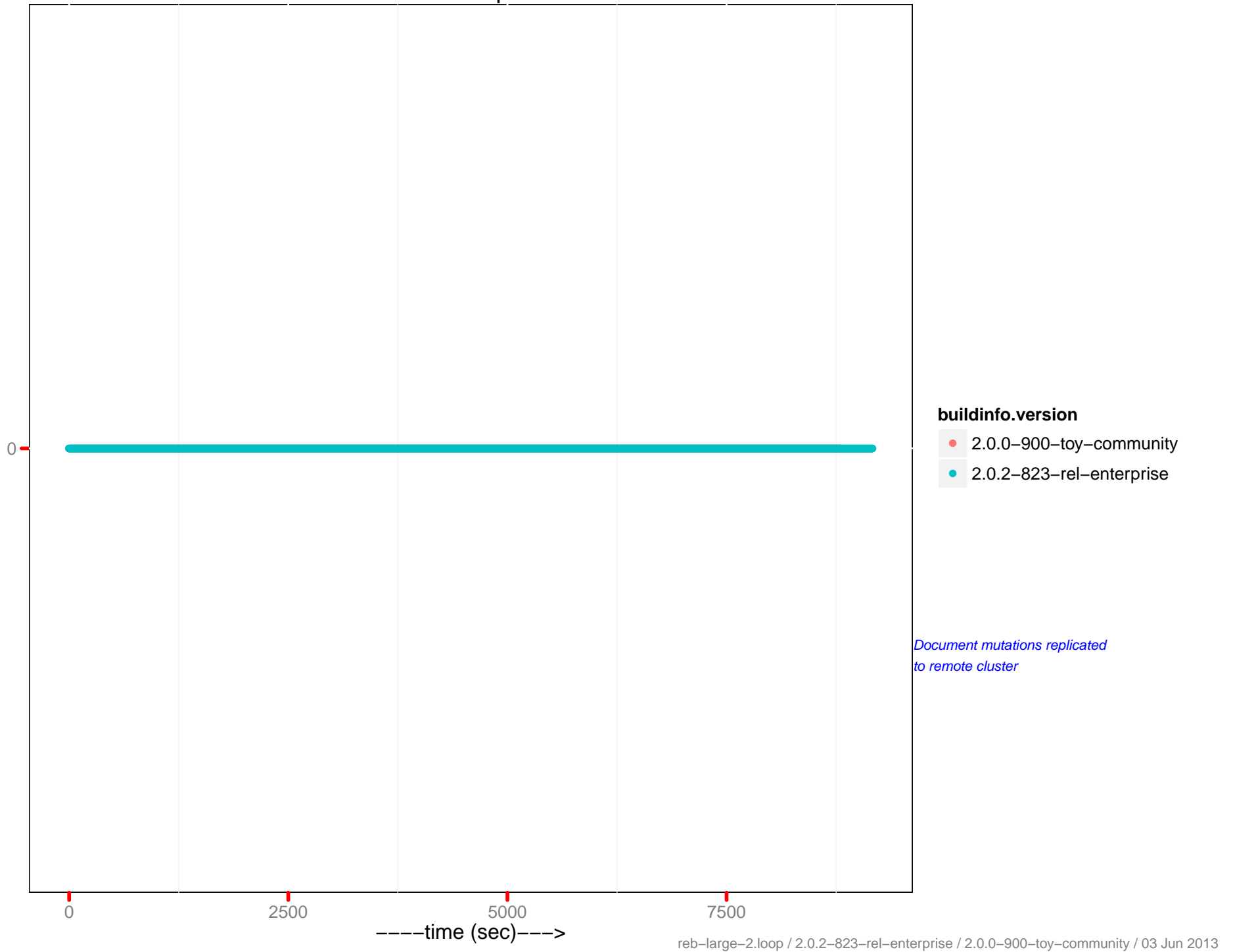
2500

5000

7500

----time (sec)---->

# Mutations replicated

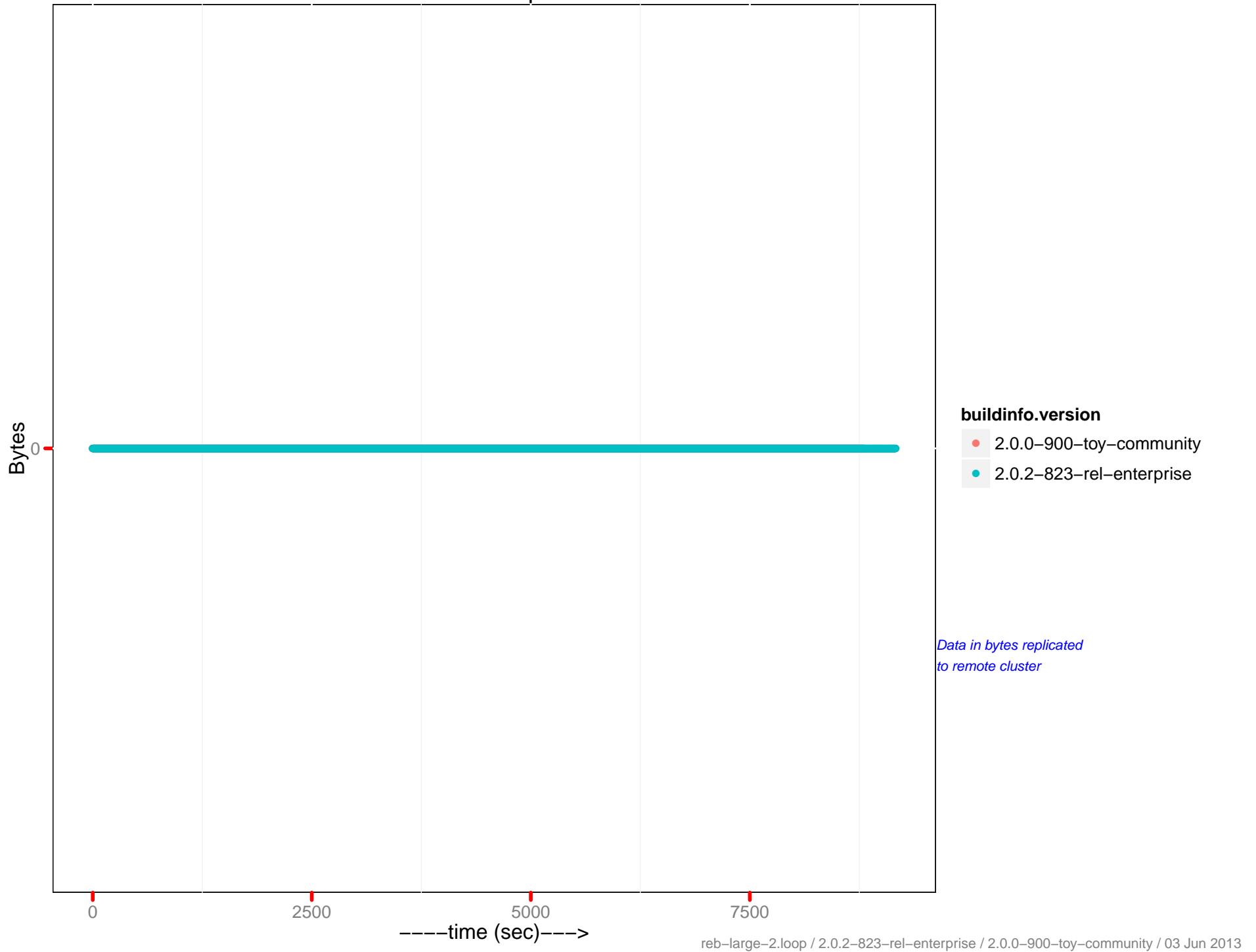


## buildinfo.version

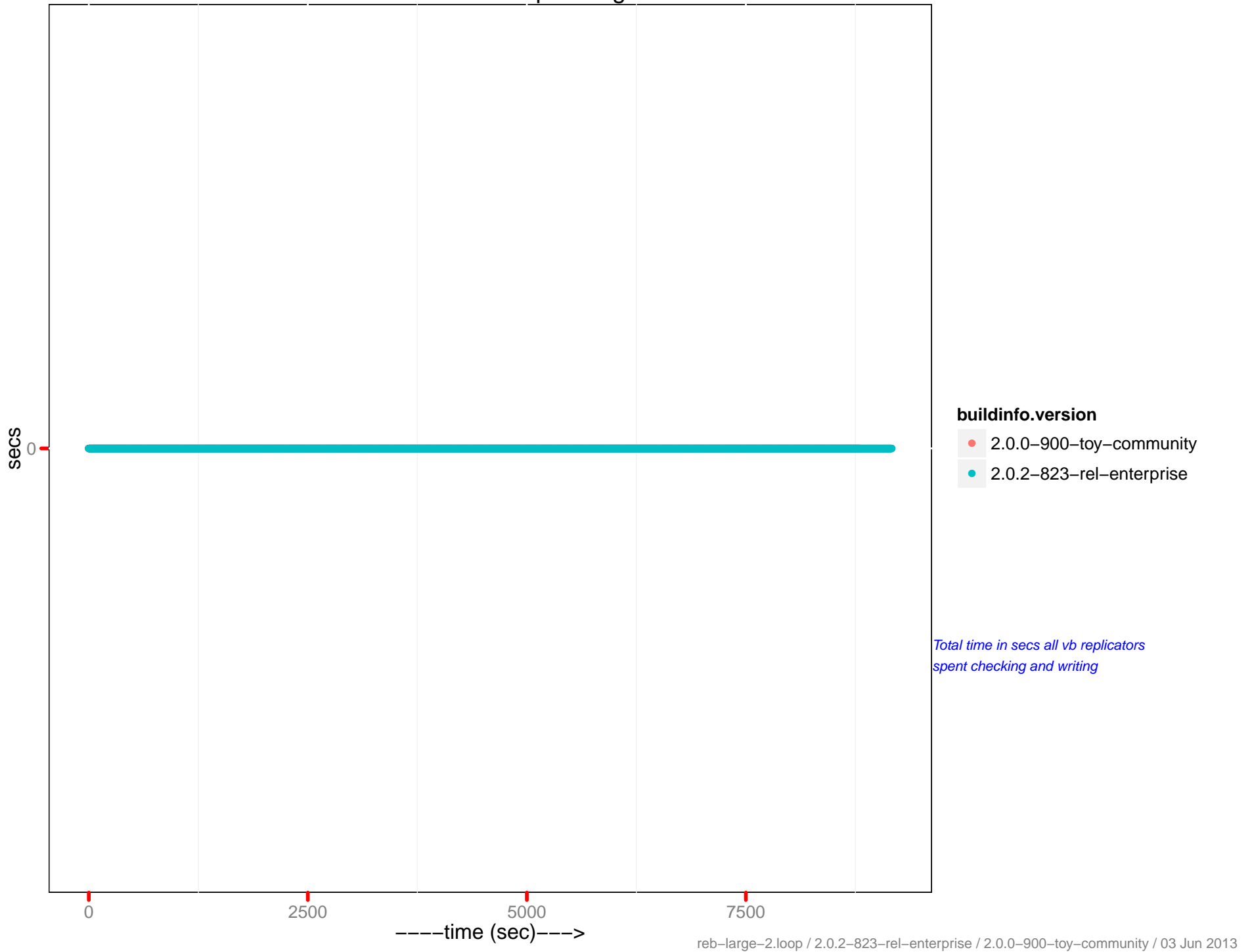
- 2.0.0-900-toy-community
- 2.0.2-823-rel-enterprise

*Document mutations replicated to remote cluster*

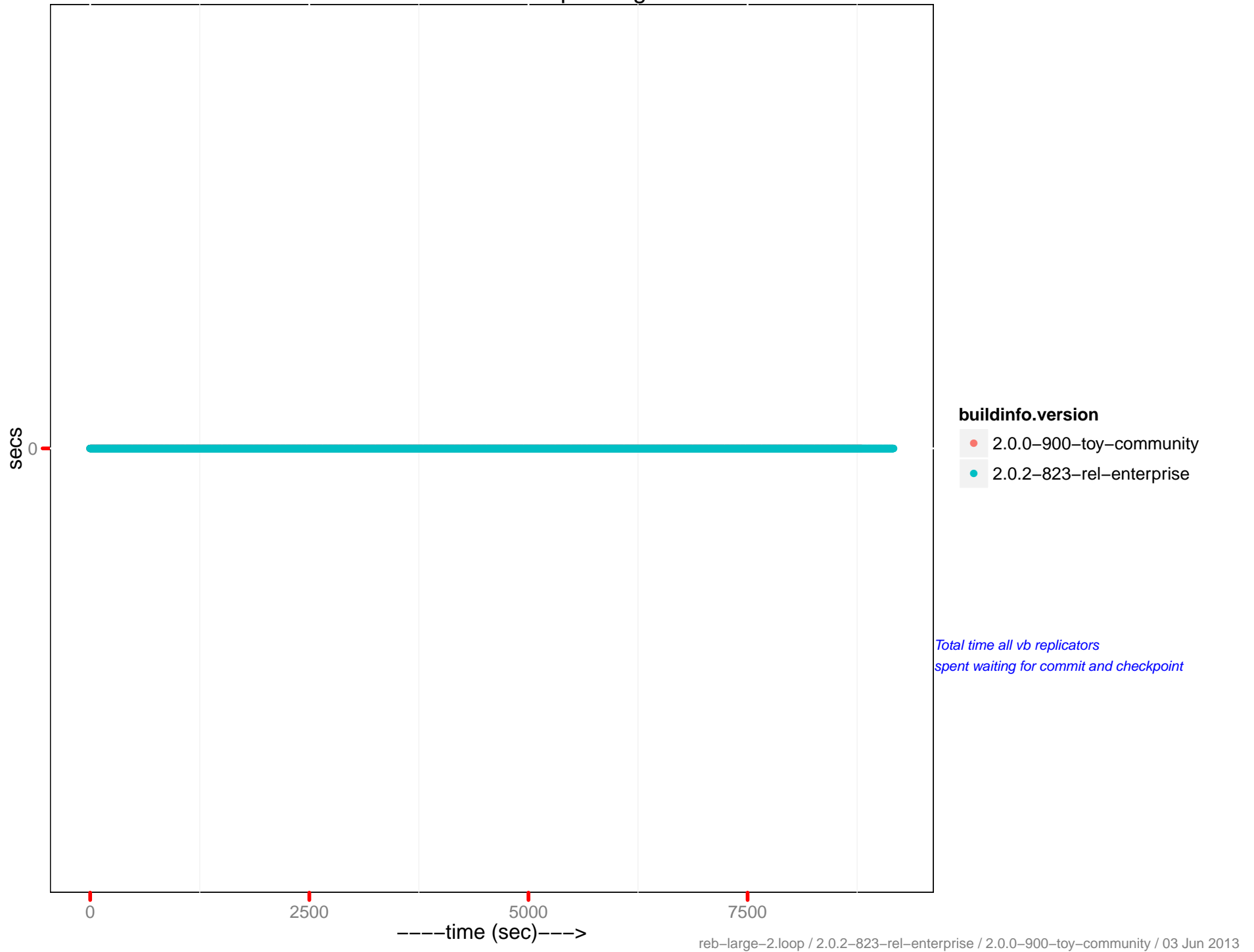
# XDCR data replicated



# XDCR secs in replicating

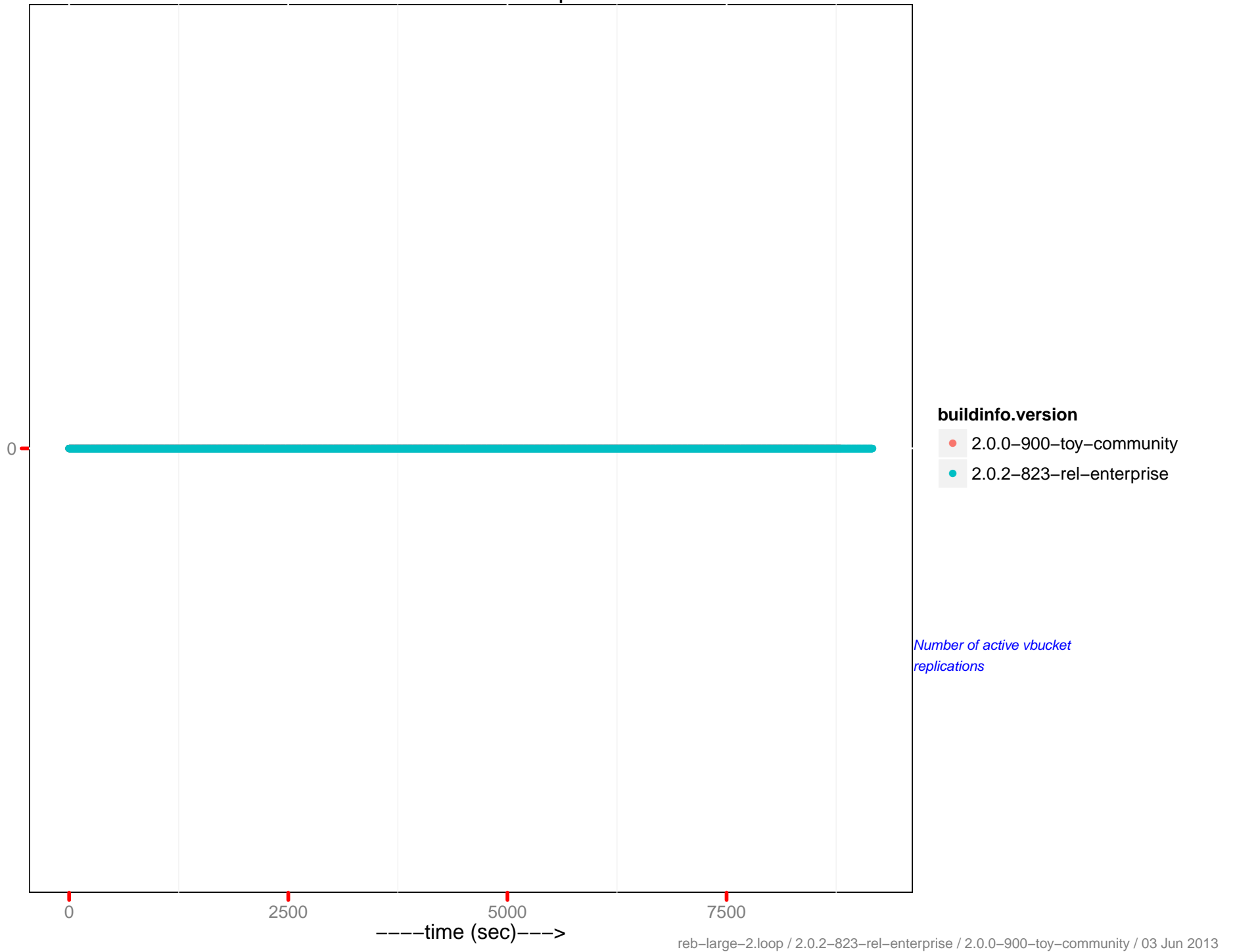


# XDCR secs in checkpointing

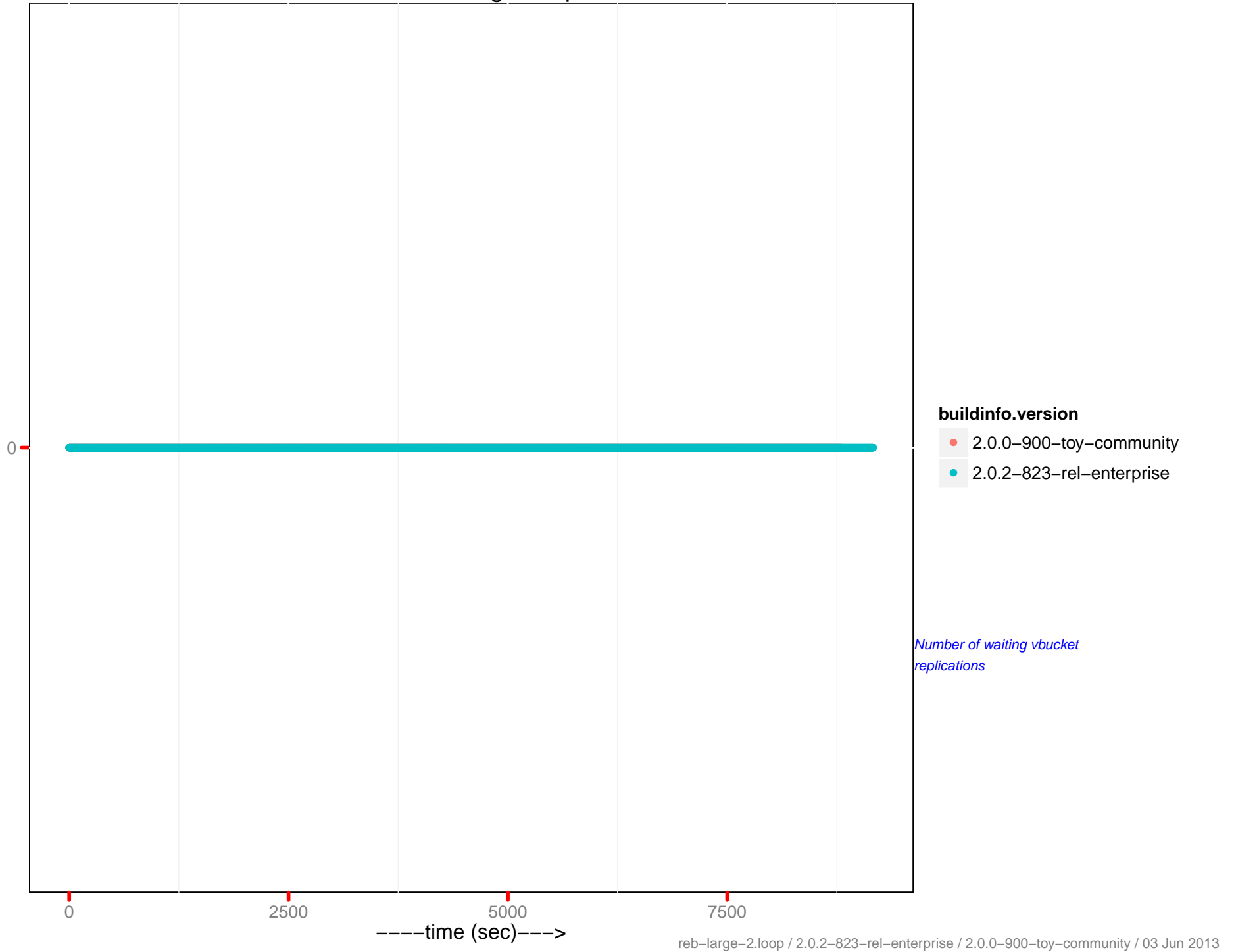




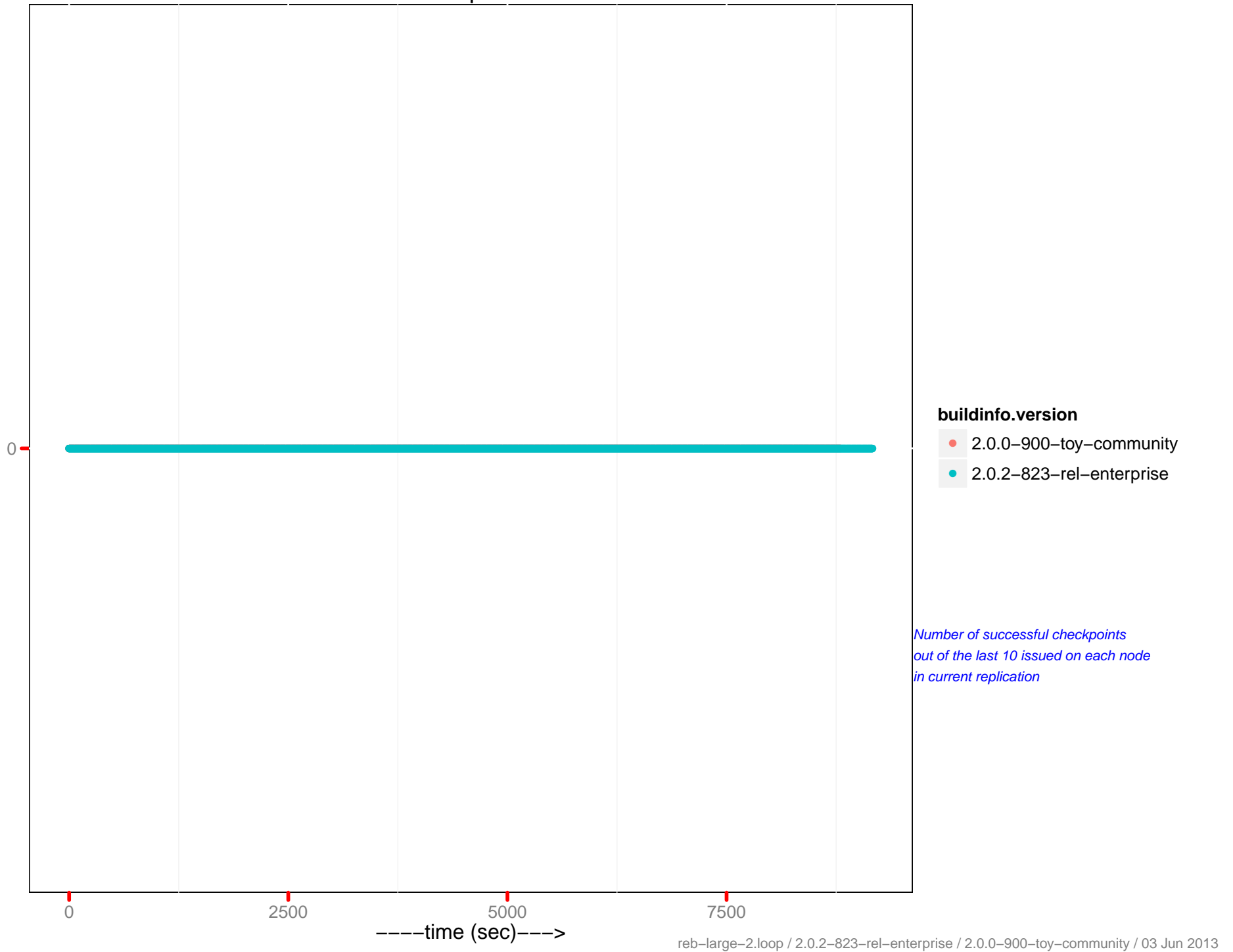
# XDCR active vb reps



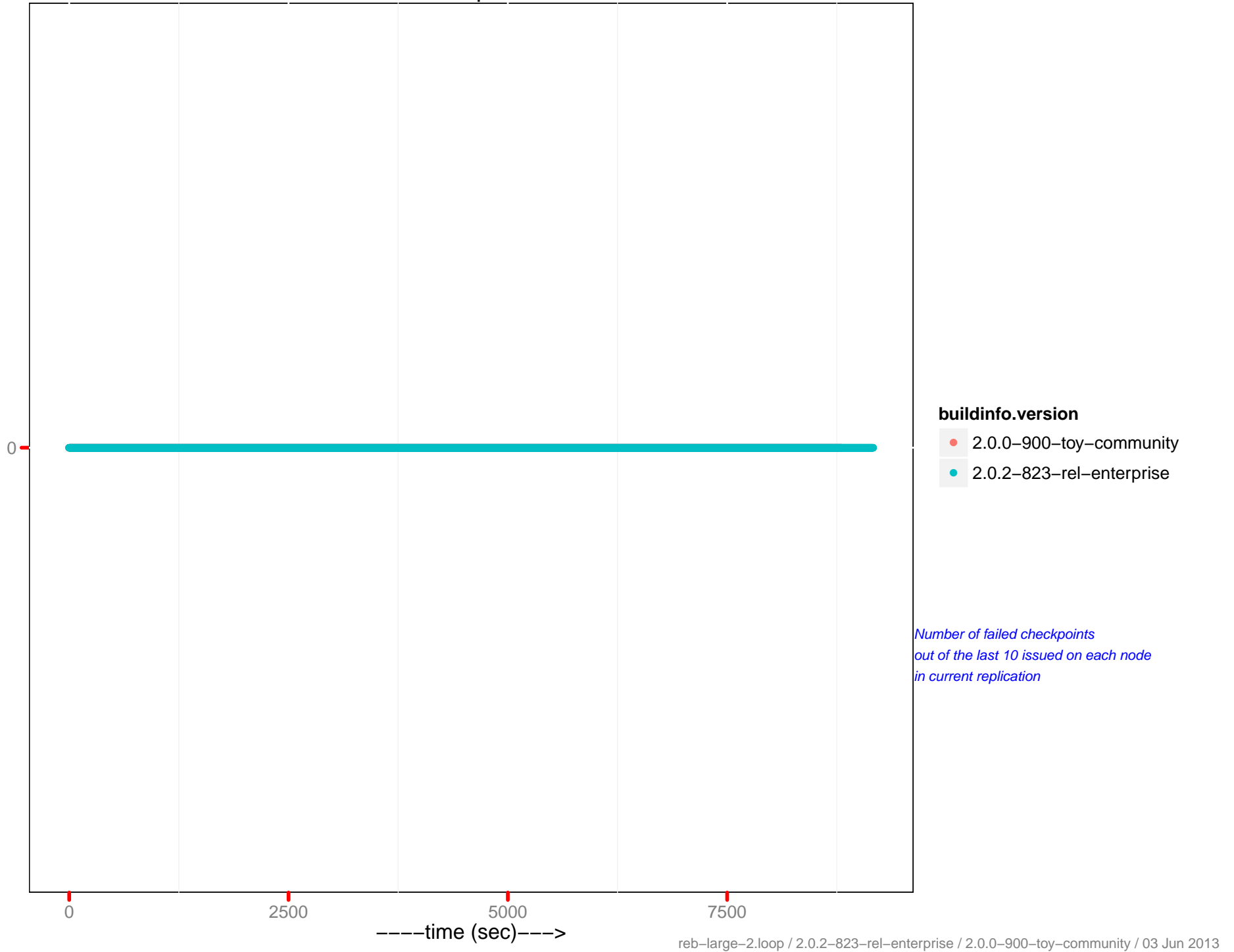
# XDCR waiting vb reps



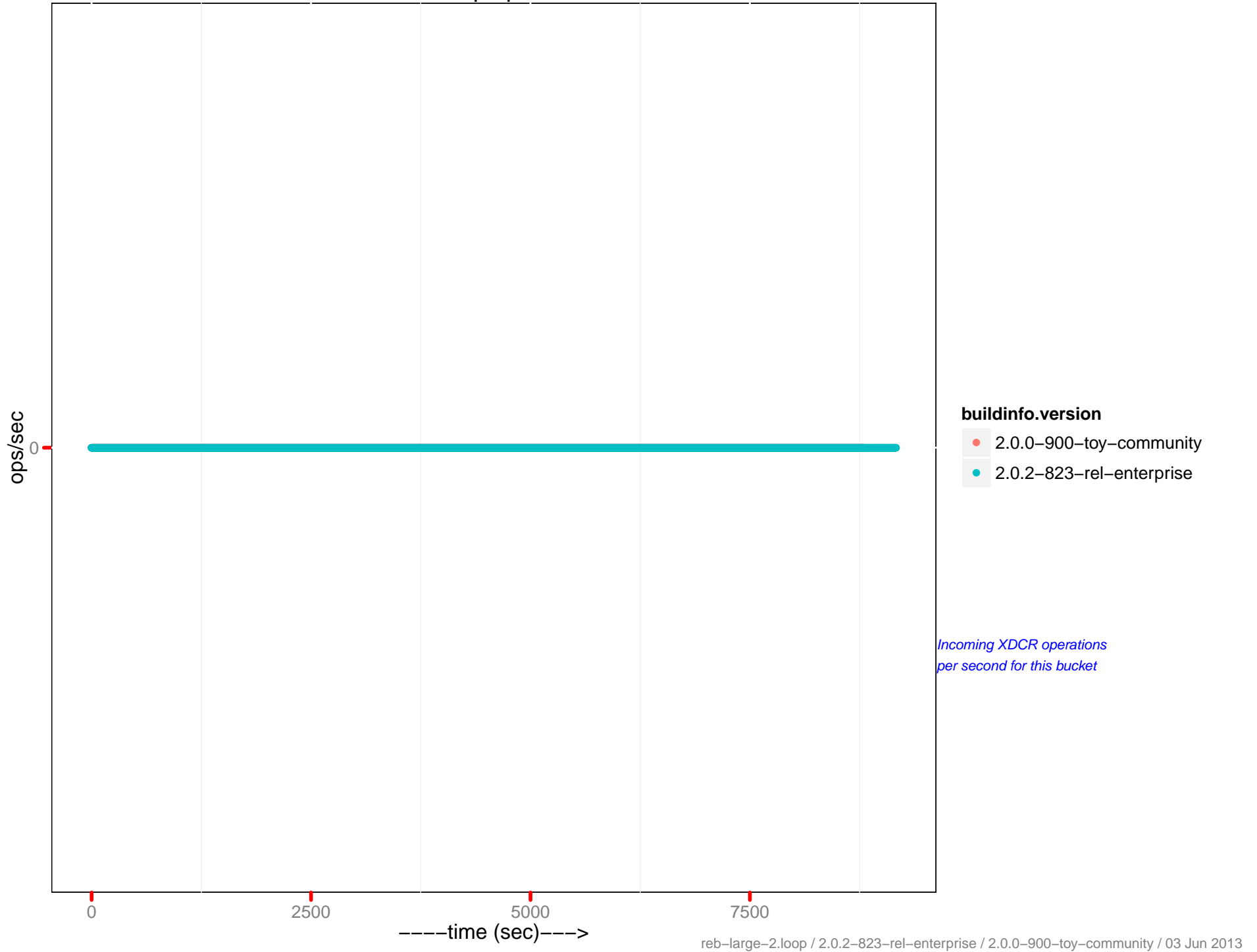
# XDCR checkpoints issued



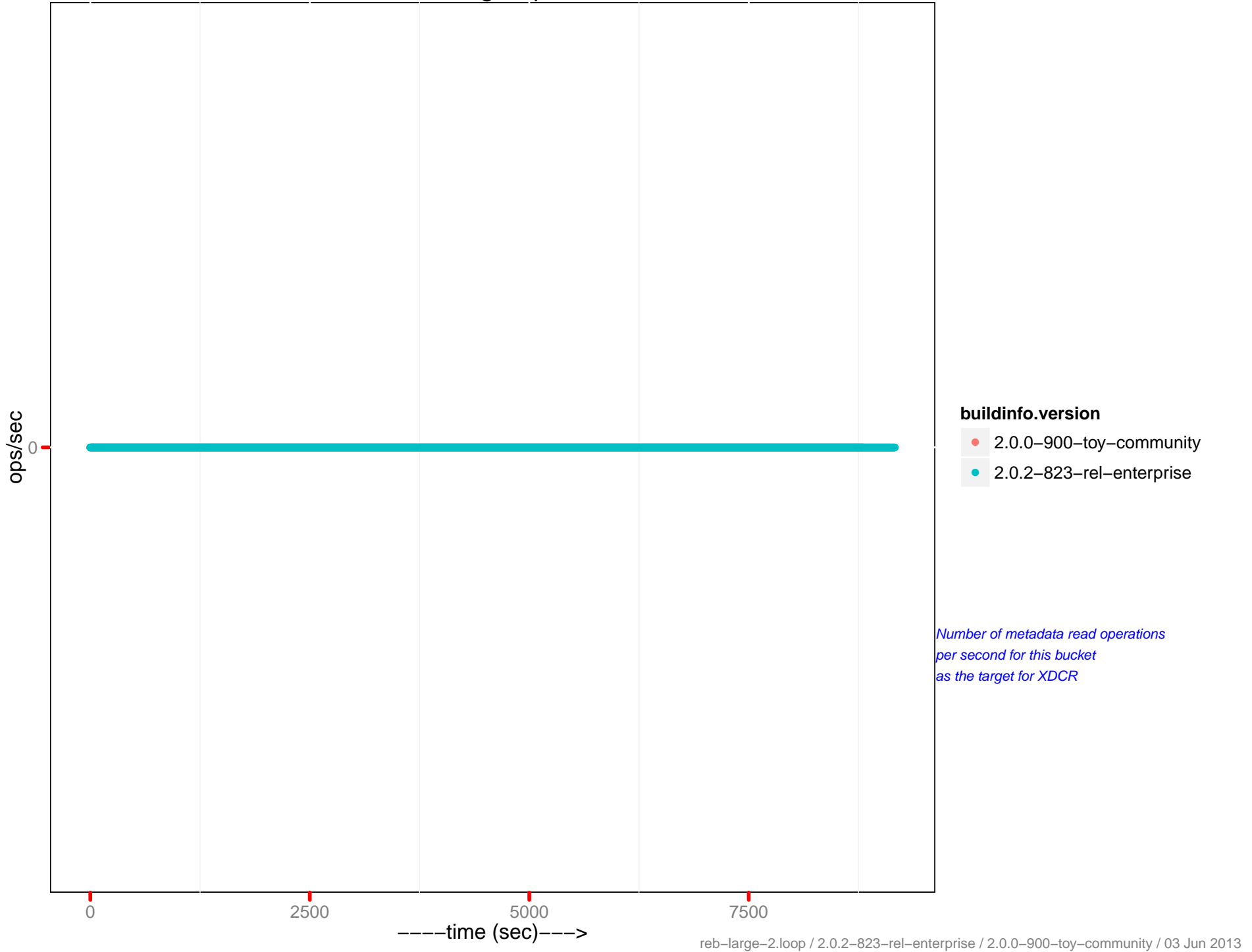
# XDCR checkpoints failed



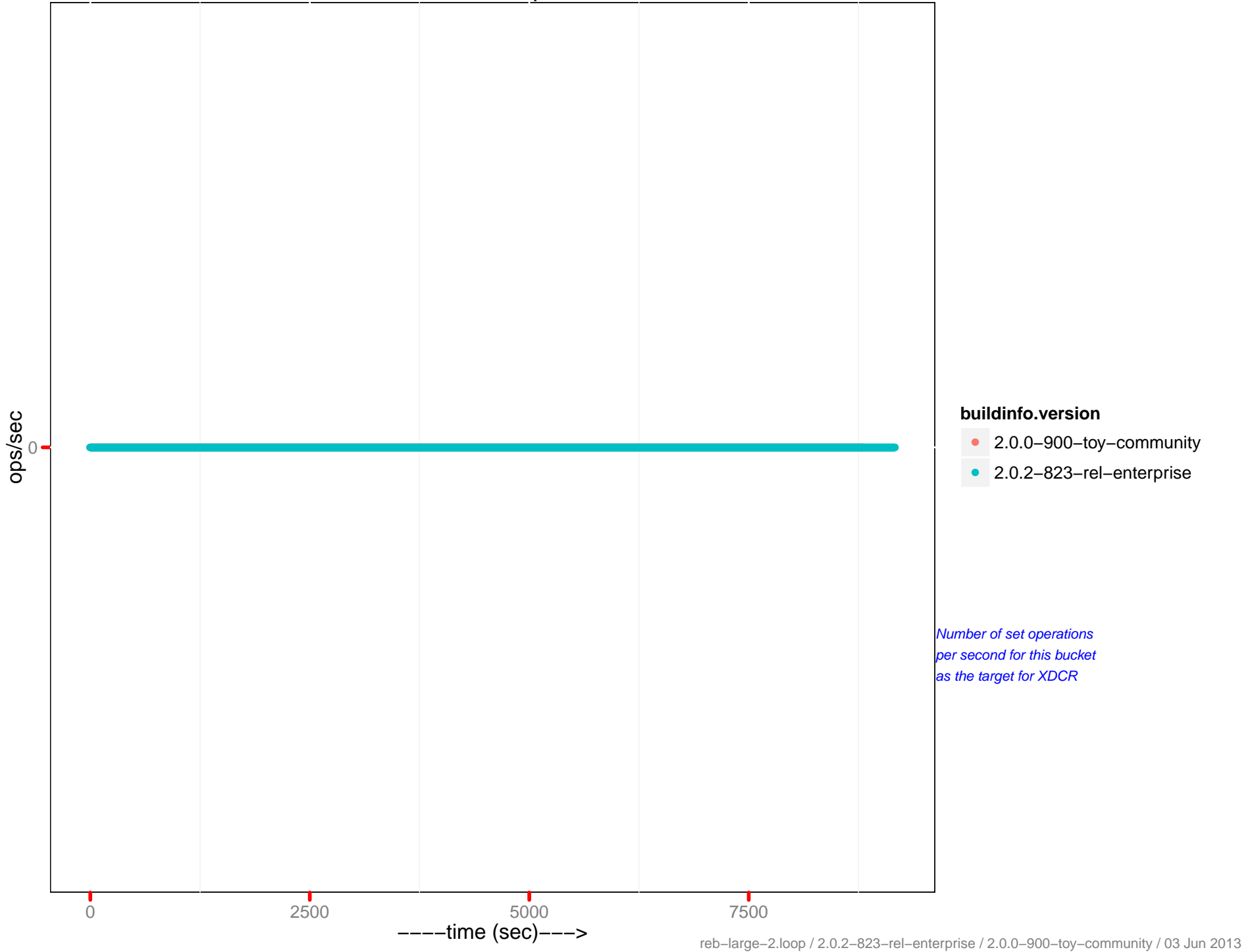
# XDC ops per sec



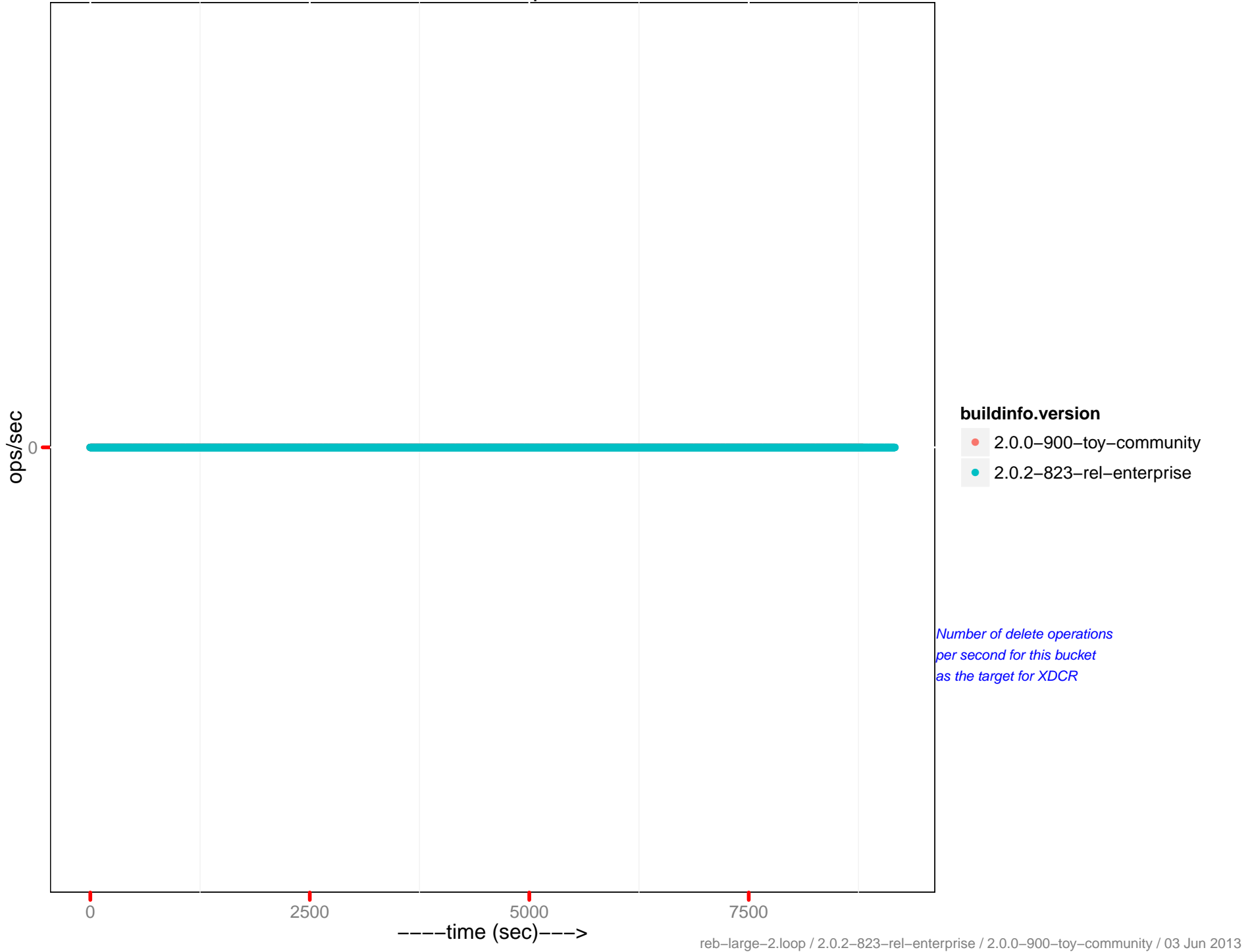
# Metadata gets per sec



# Metadata sets per sec

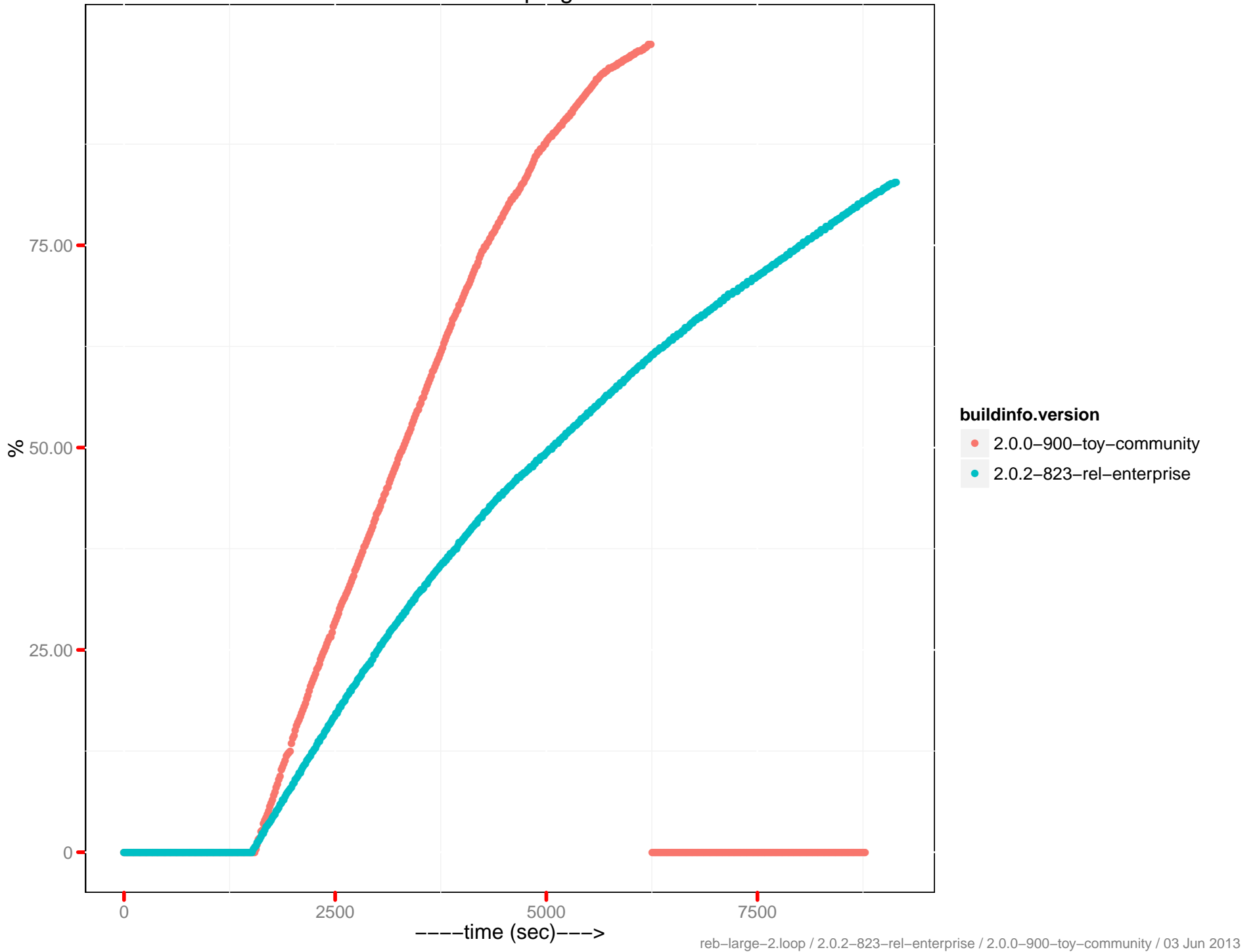


# Metadata dels per sec

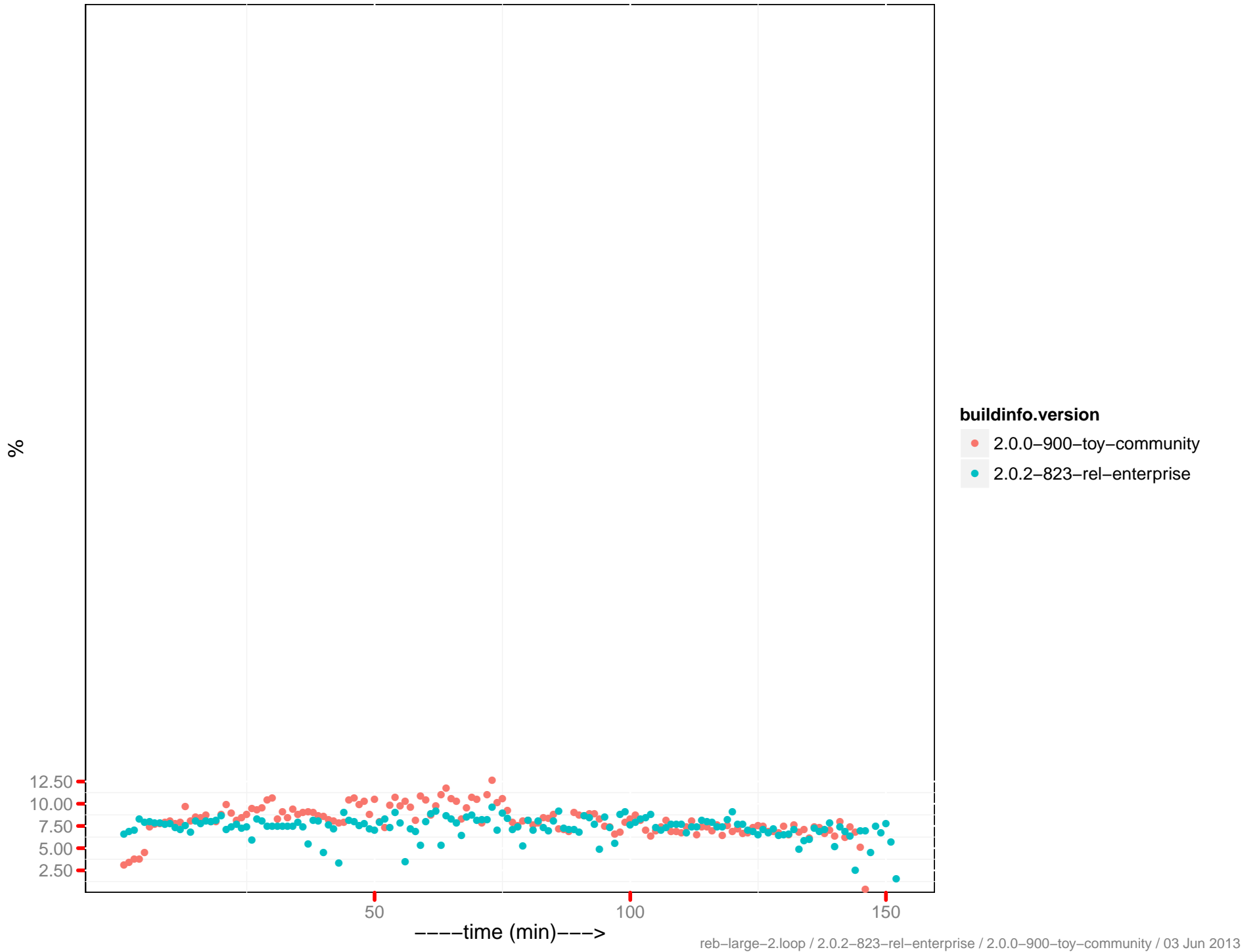




# Rebalance progress



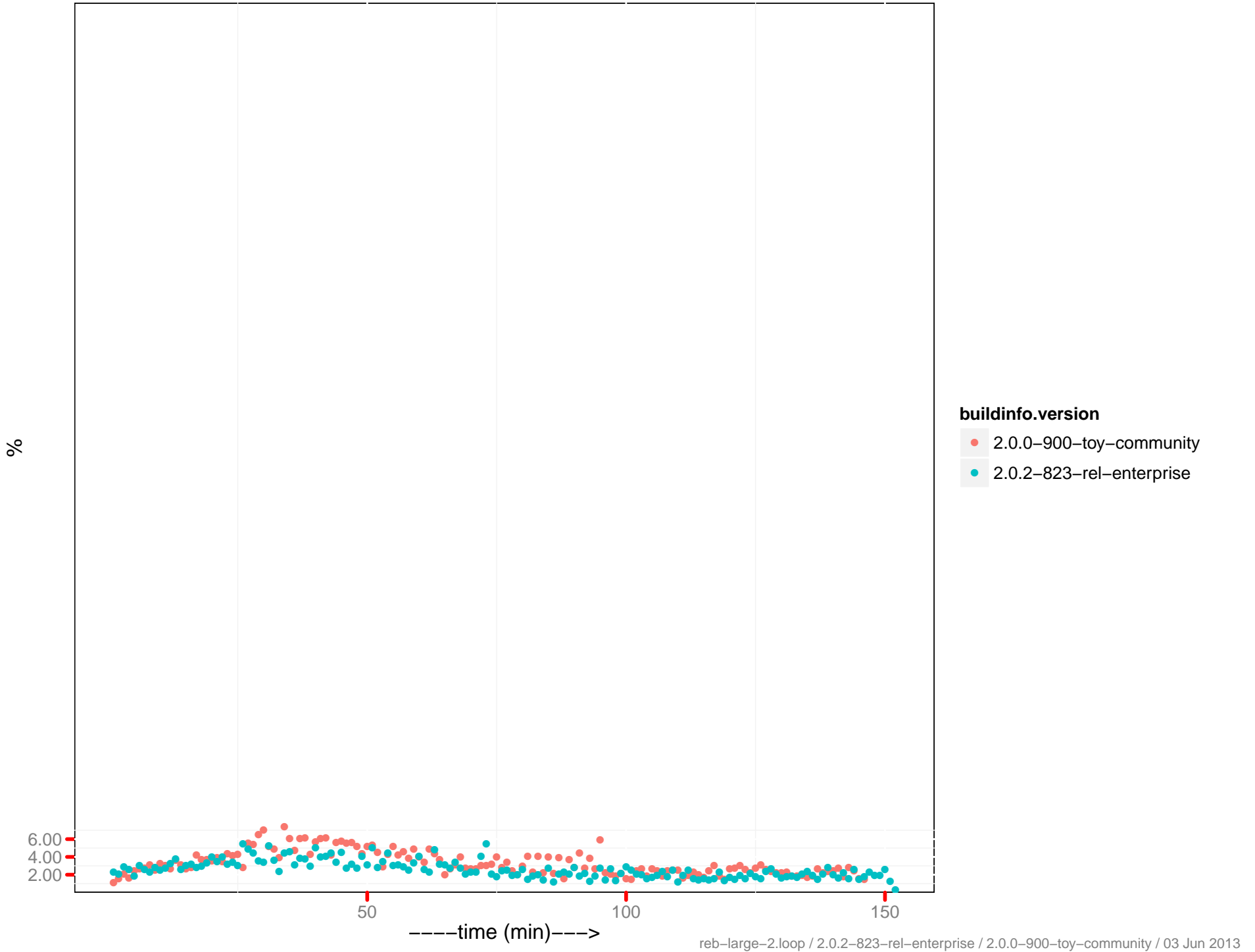
# CPU utilization – 172.23.96.11:8091



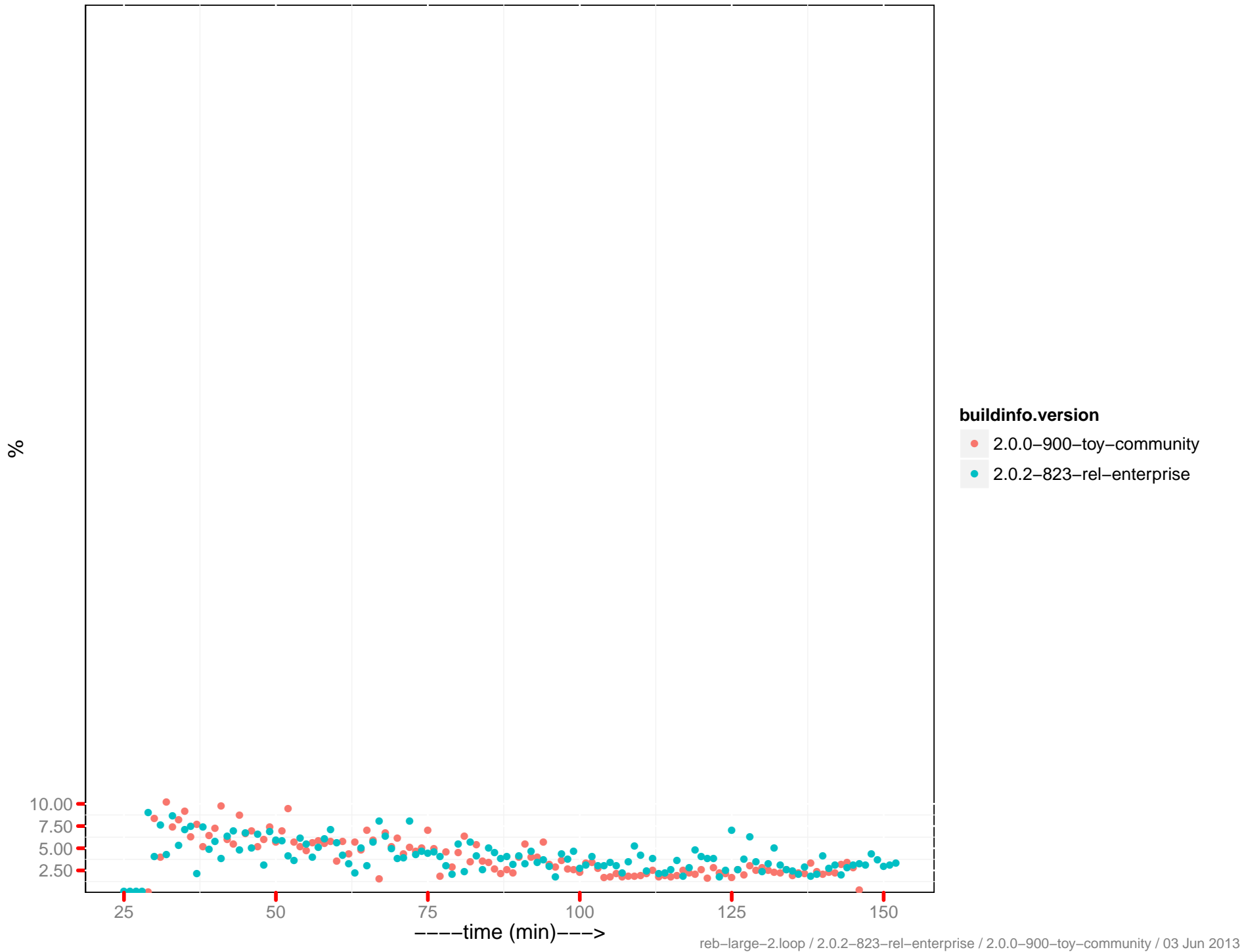
# CPU utilization – 172.23.96.12:8091



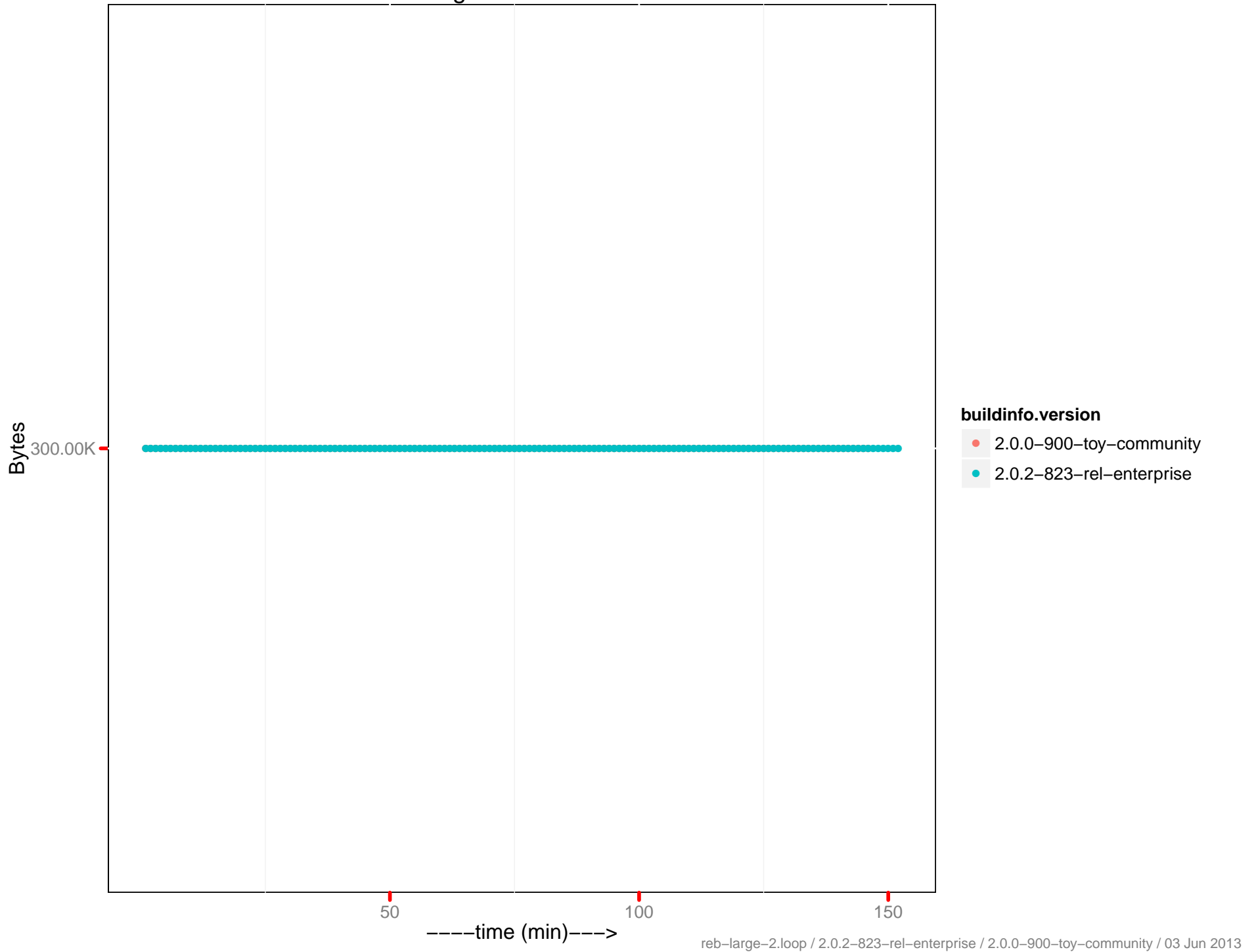
# CPU utilization – 172.23.96.13:8091



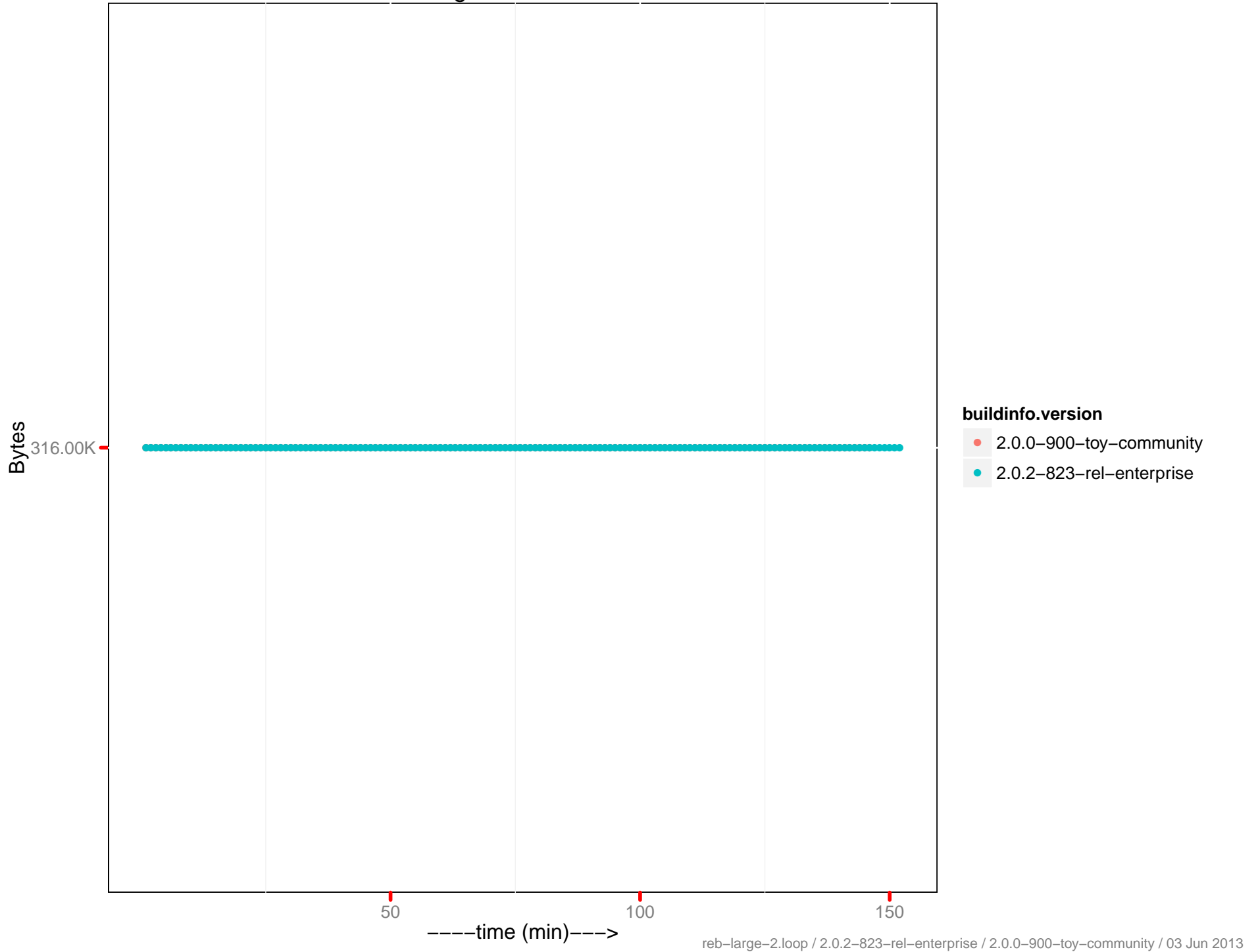
# CPU utilization – 172.23.96.14:8091



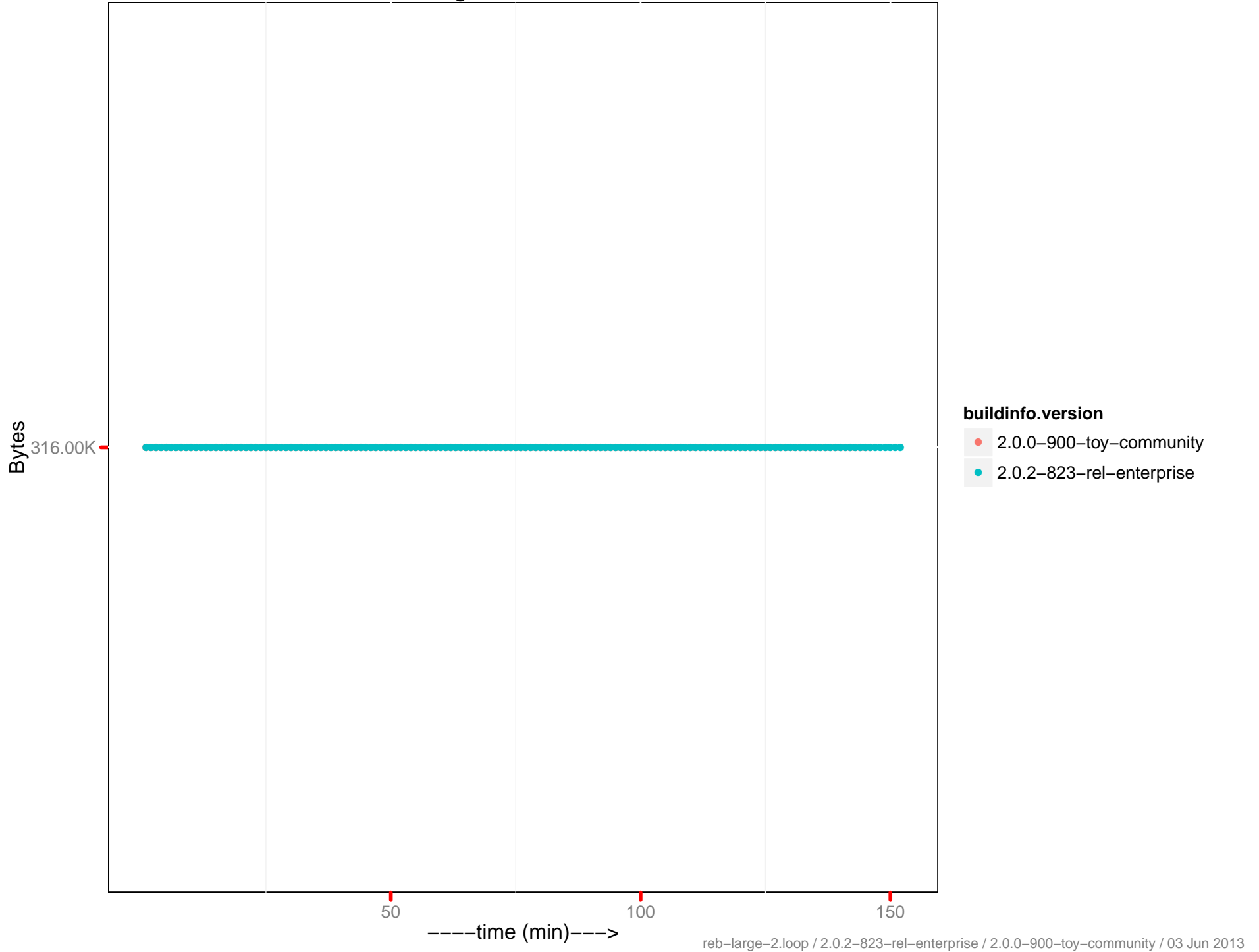
# SWAP Usage – 172.23.96.11:8091



# SWAP Usage – 172.23.96.12:8091

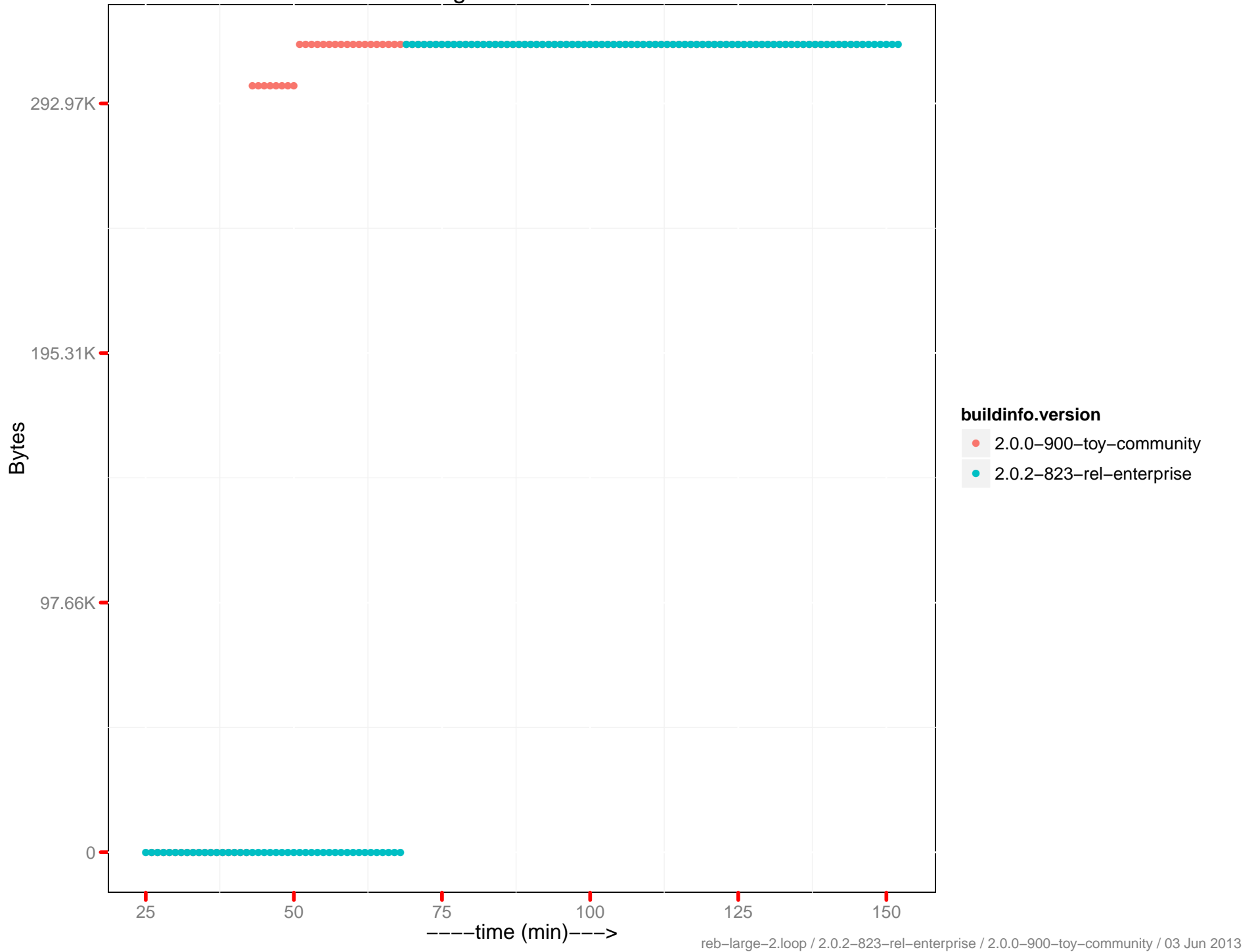


# SWAP Usage – 172.23.96.13:8091

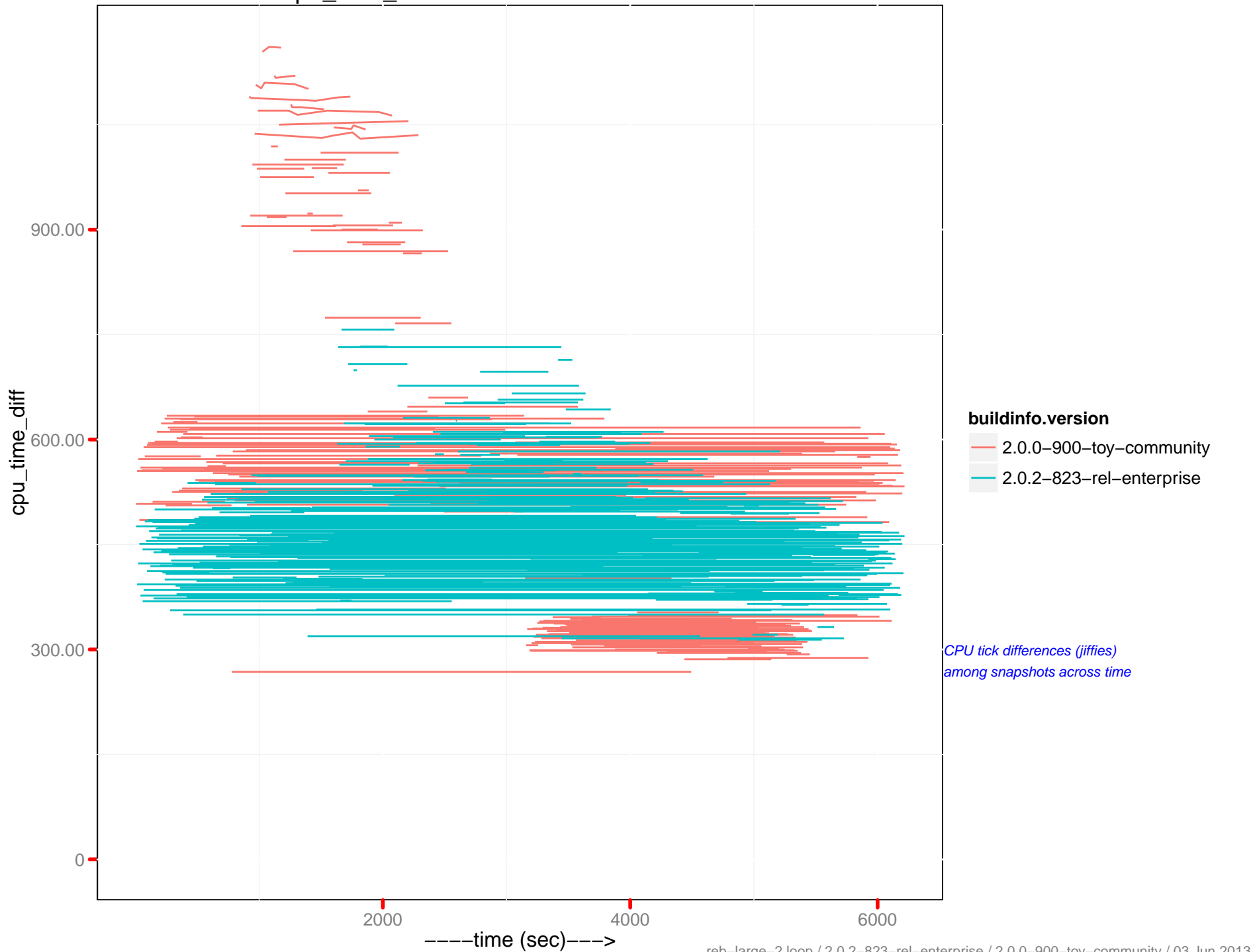




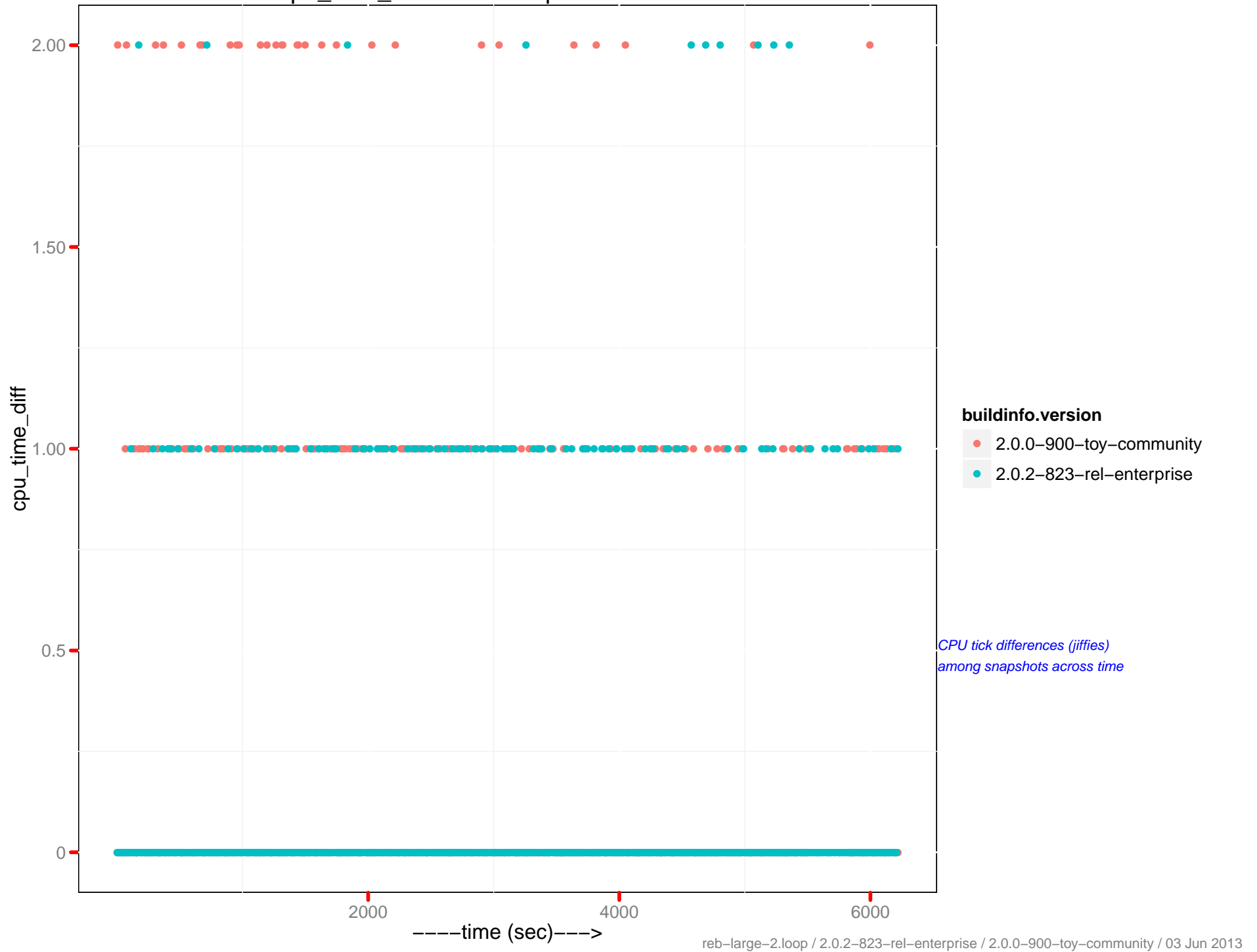
# SWAP Usage – 172.23.96.14:8091



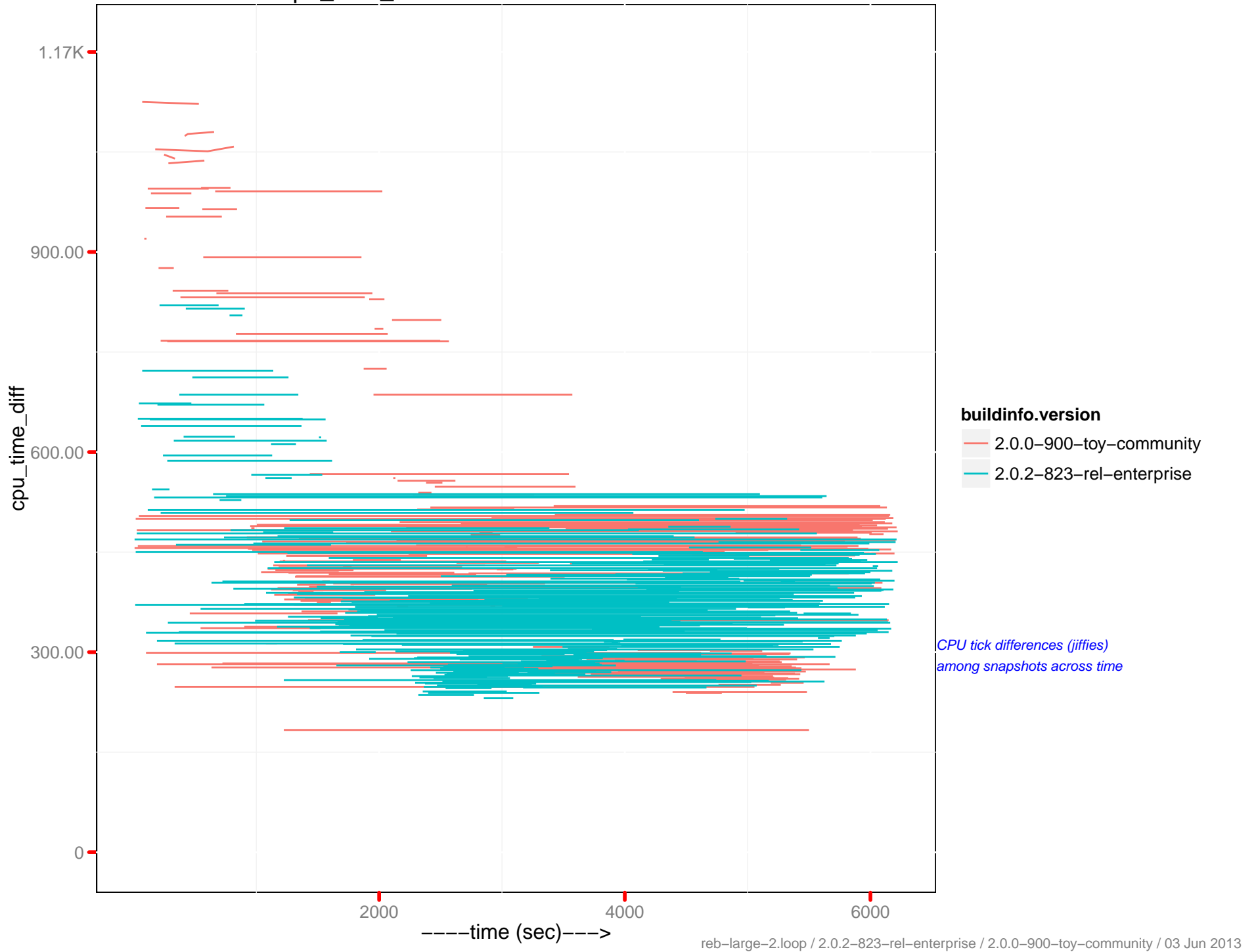
# cpu\_time\_diff: memcached - 172.23.96.11



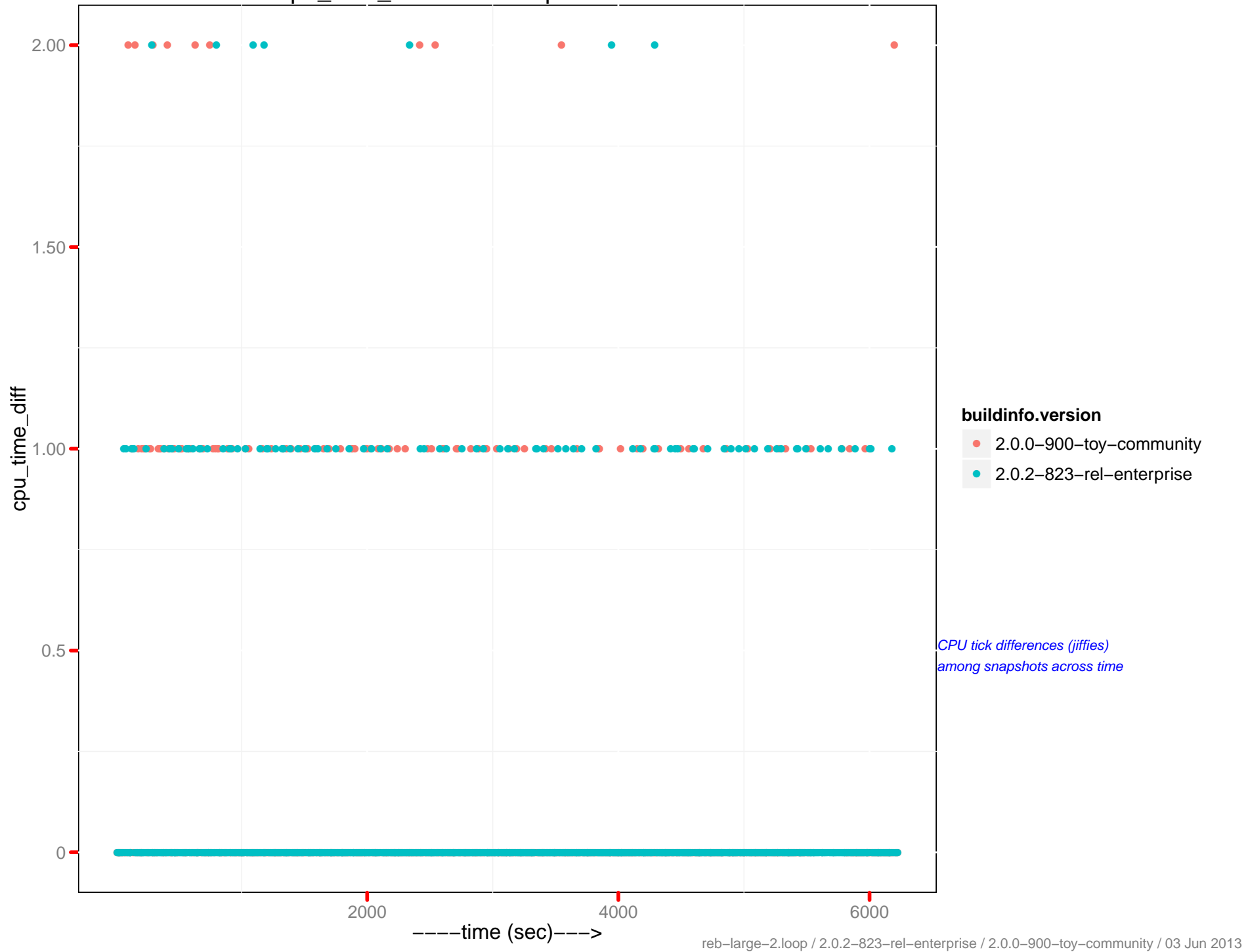
cpu\_time\_diff : beam.smp - 172.23.96.11



# cpu\_time\_diff: memcached - 172.23.96.12



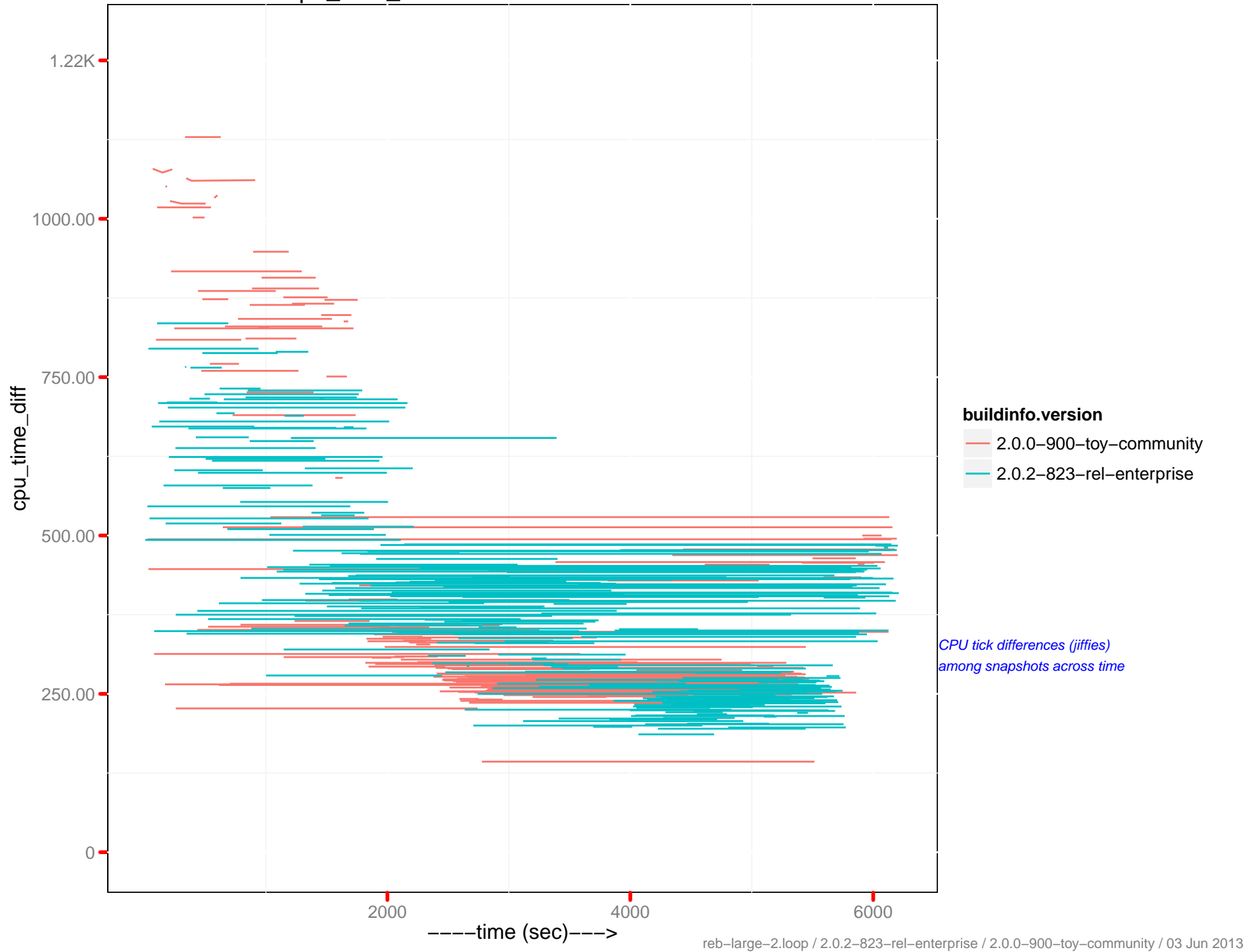
# cpu\_time\_diff : beam.smp - 172.23.96.12



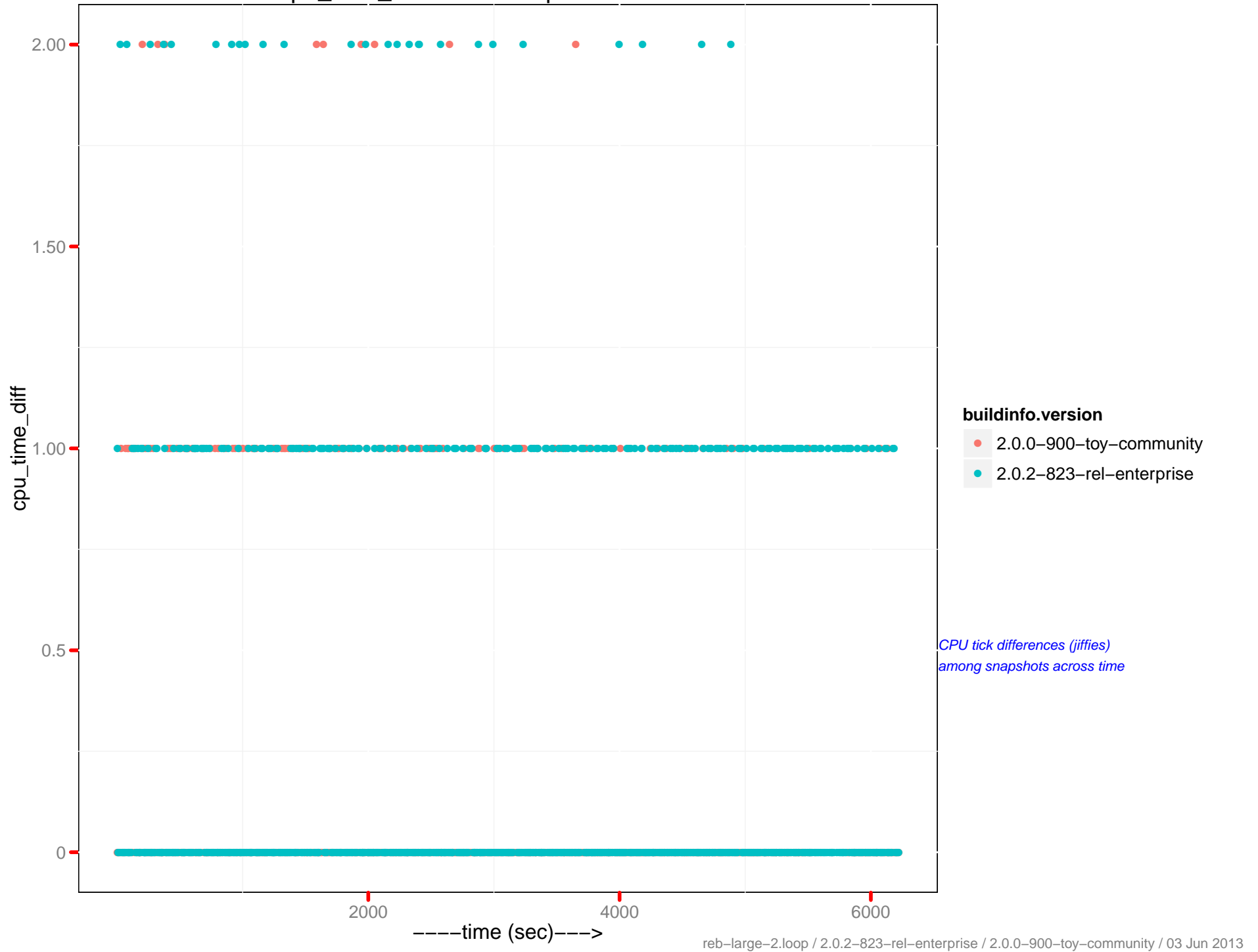
**buildinfo.version**  
2.0.0-900-toy-community  
2.0.2-823-rel-enterprise

*CPU tick differences (jiffies)  
among snapshots across time*

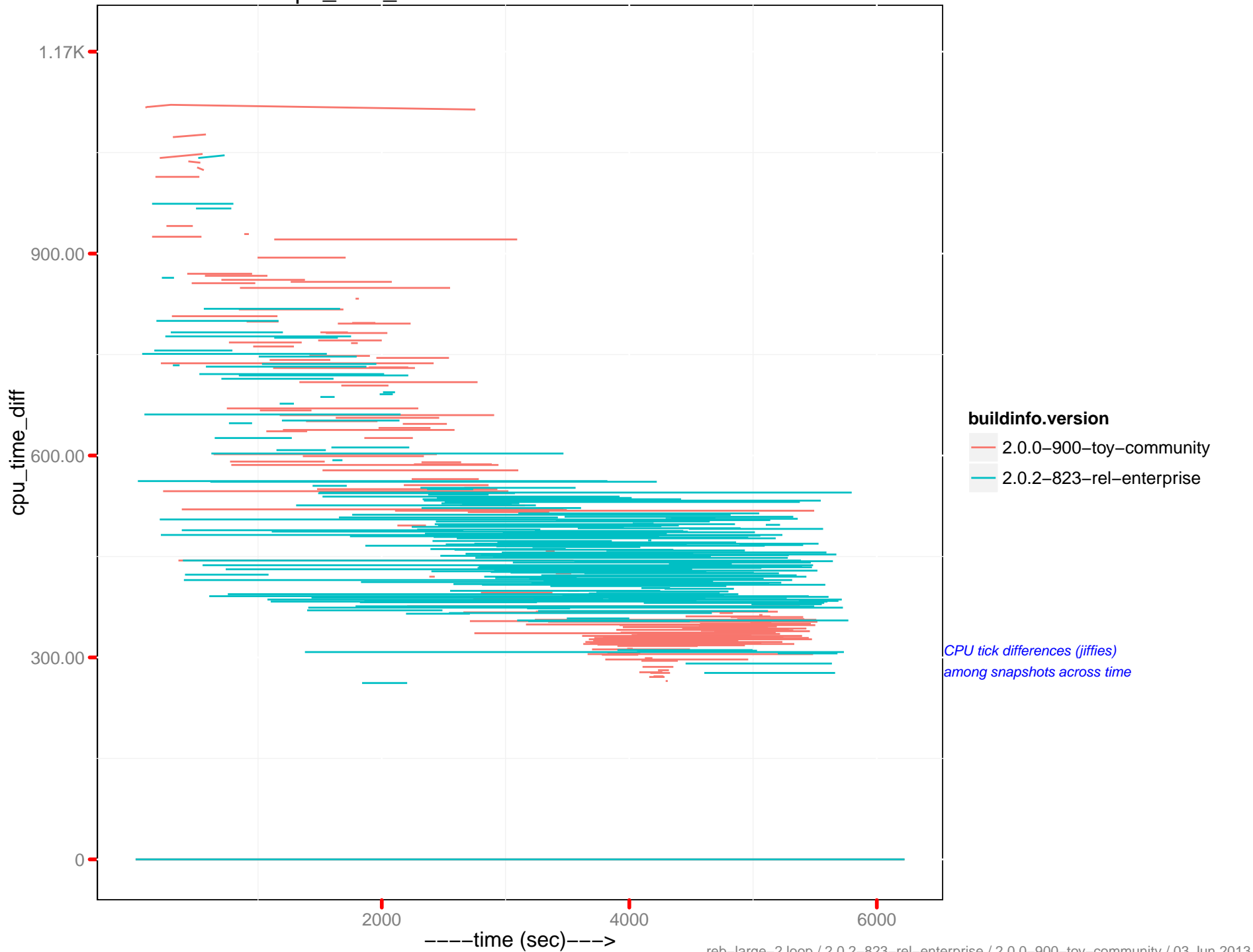
# cpu\_time\_diff: memcached – 172.23.96.13



cpu\_time\_diff : beam.smp - 172.23.96.13

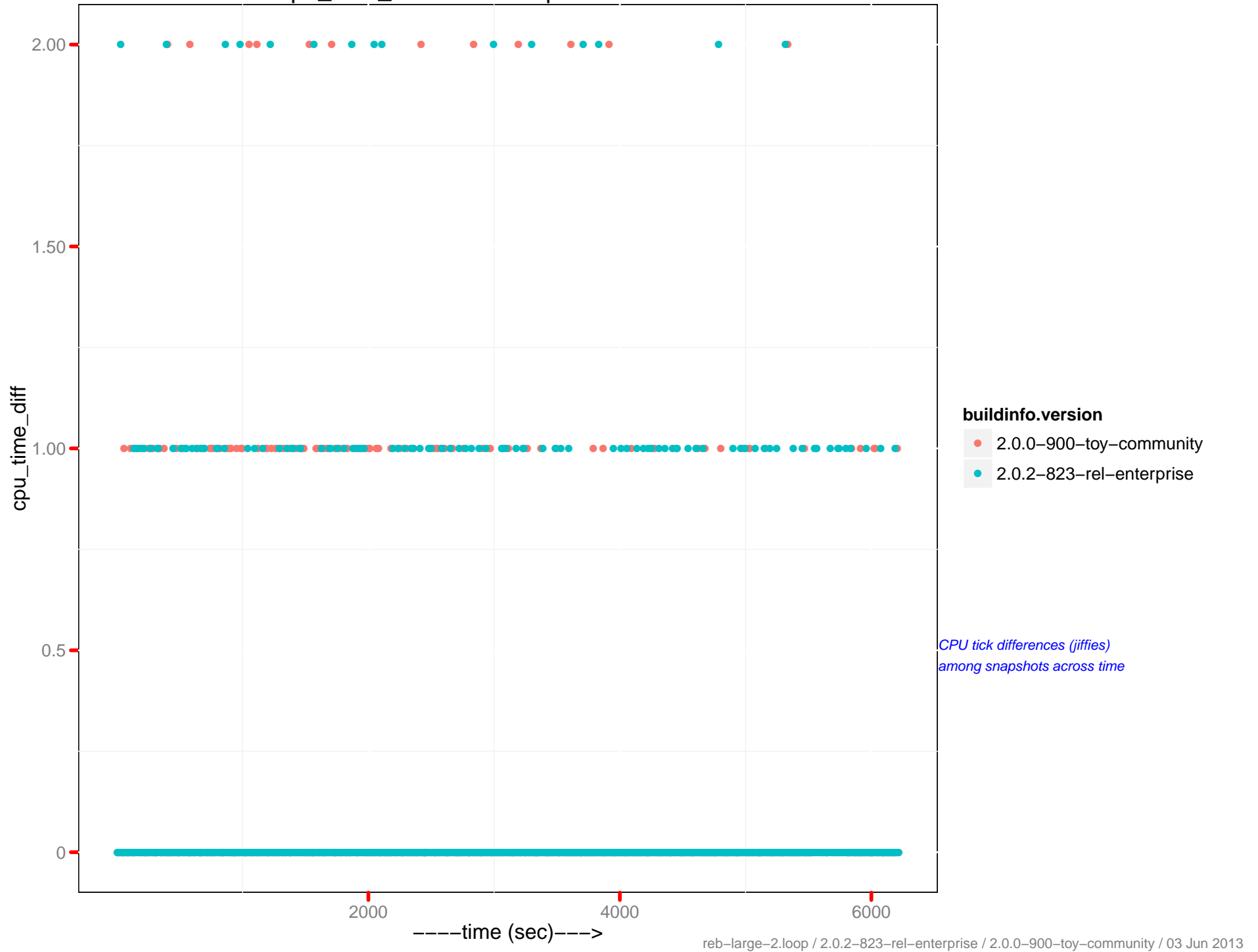


cpu\_time\_diff: memcached - 172.23.96.14

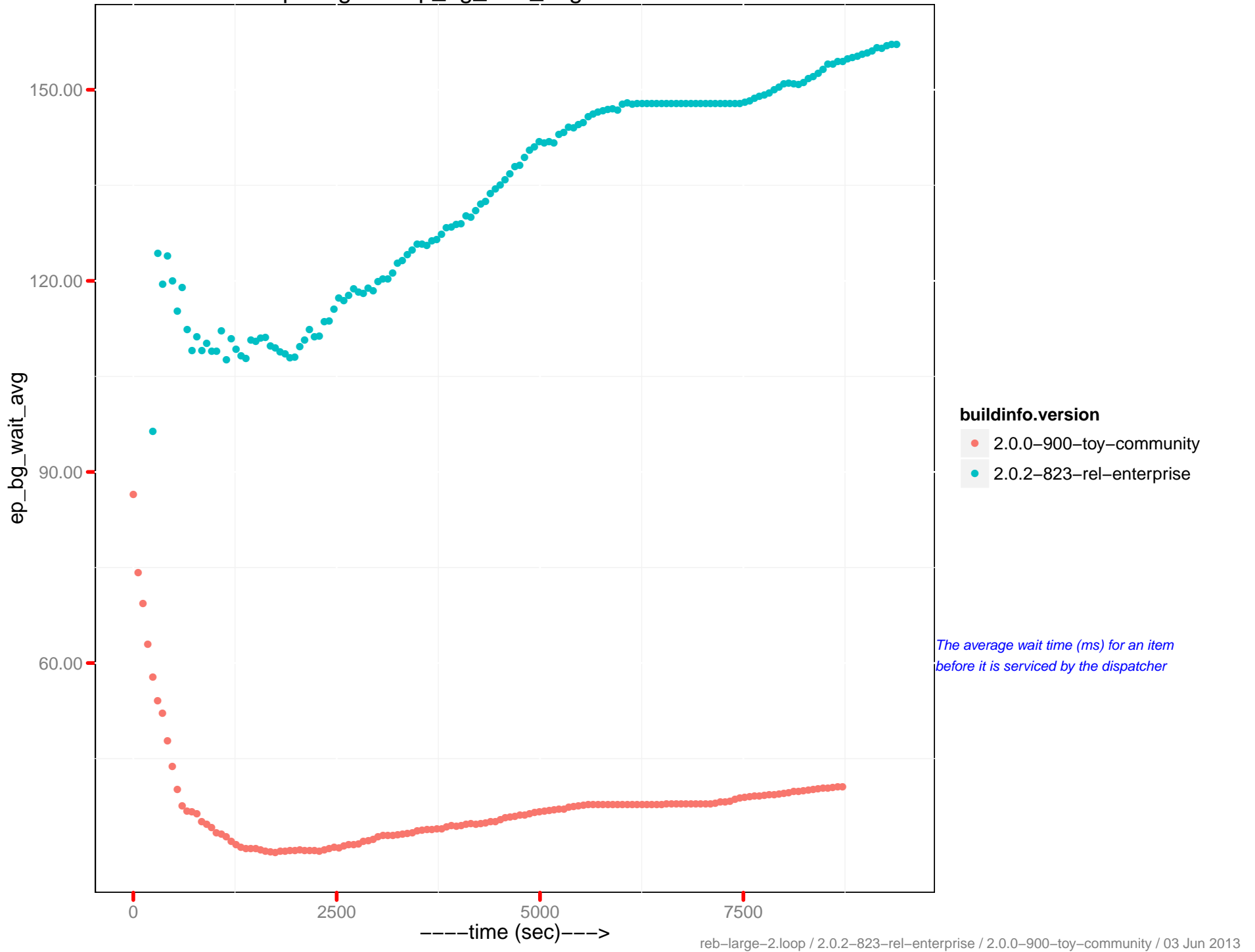




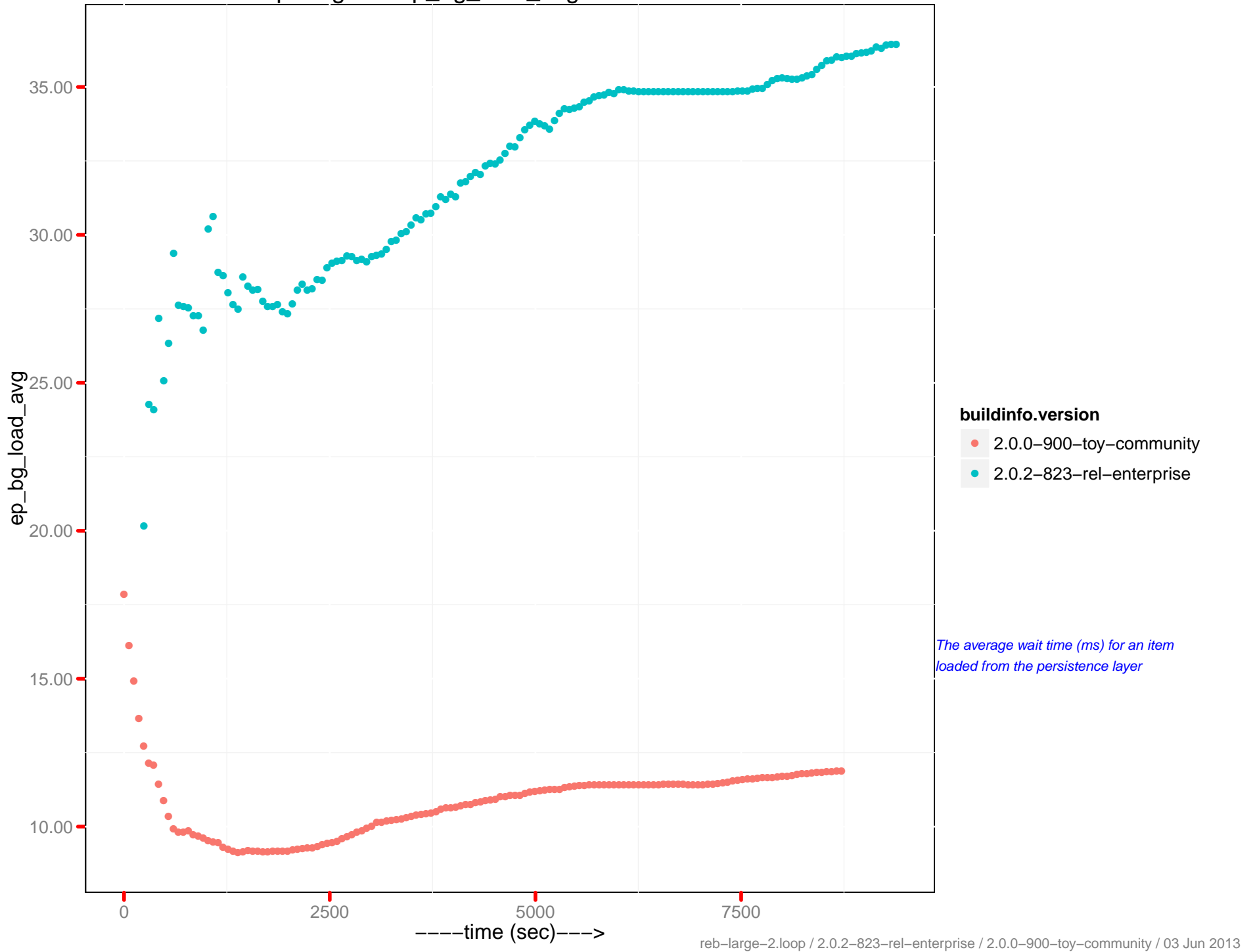
cpu\_time\_diff : beam.smp - 172.23.96.14



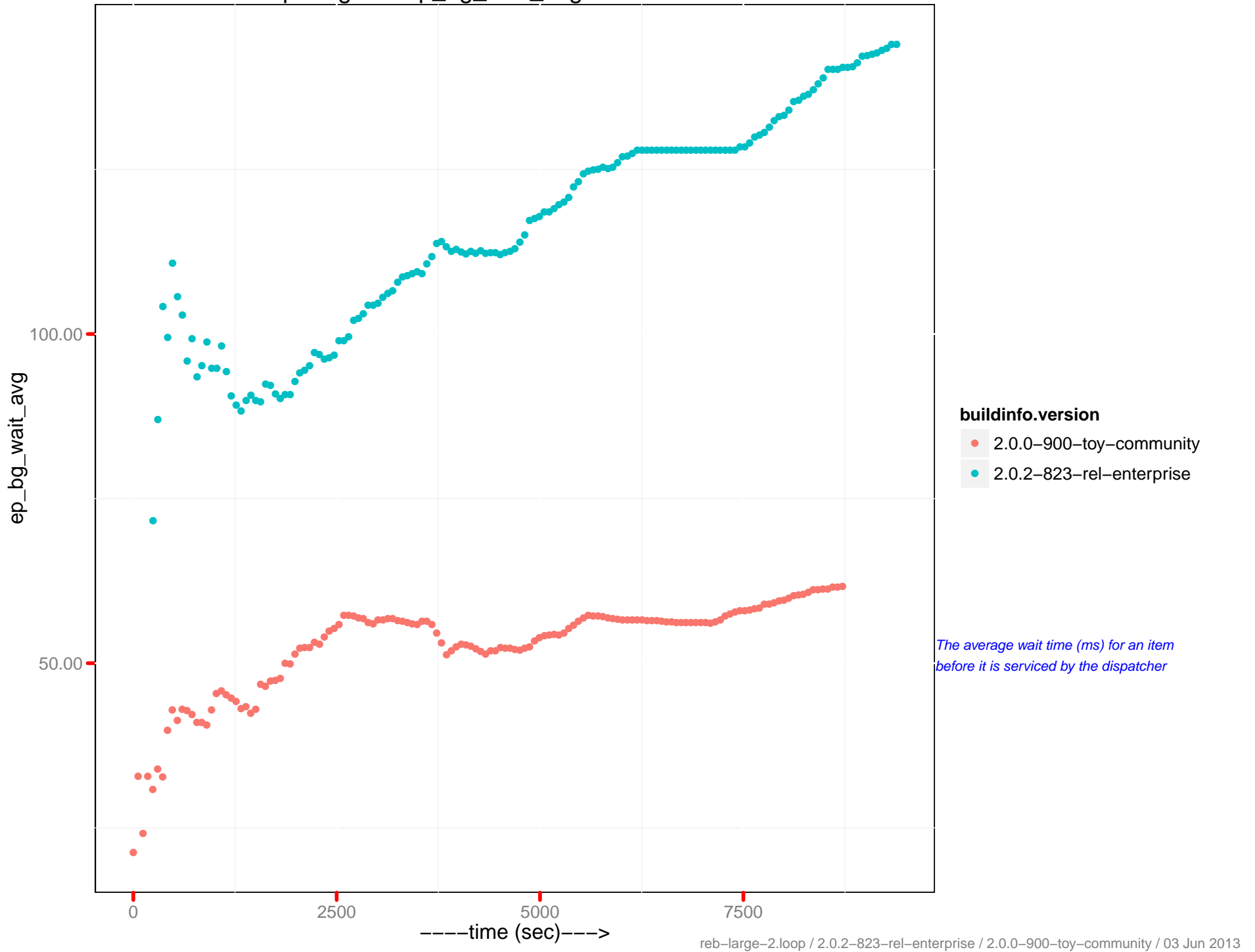
ep-engine : ep\_bg\_wait\_avg - 172.23.96.11



# ep-engine : ep\_bg\_load\_avg - 172.23.96.11

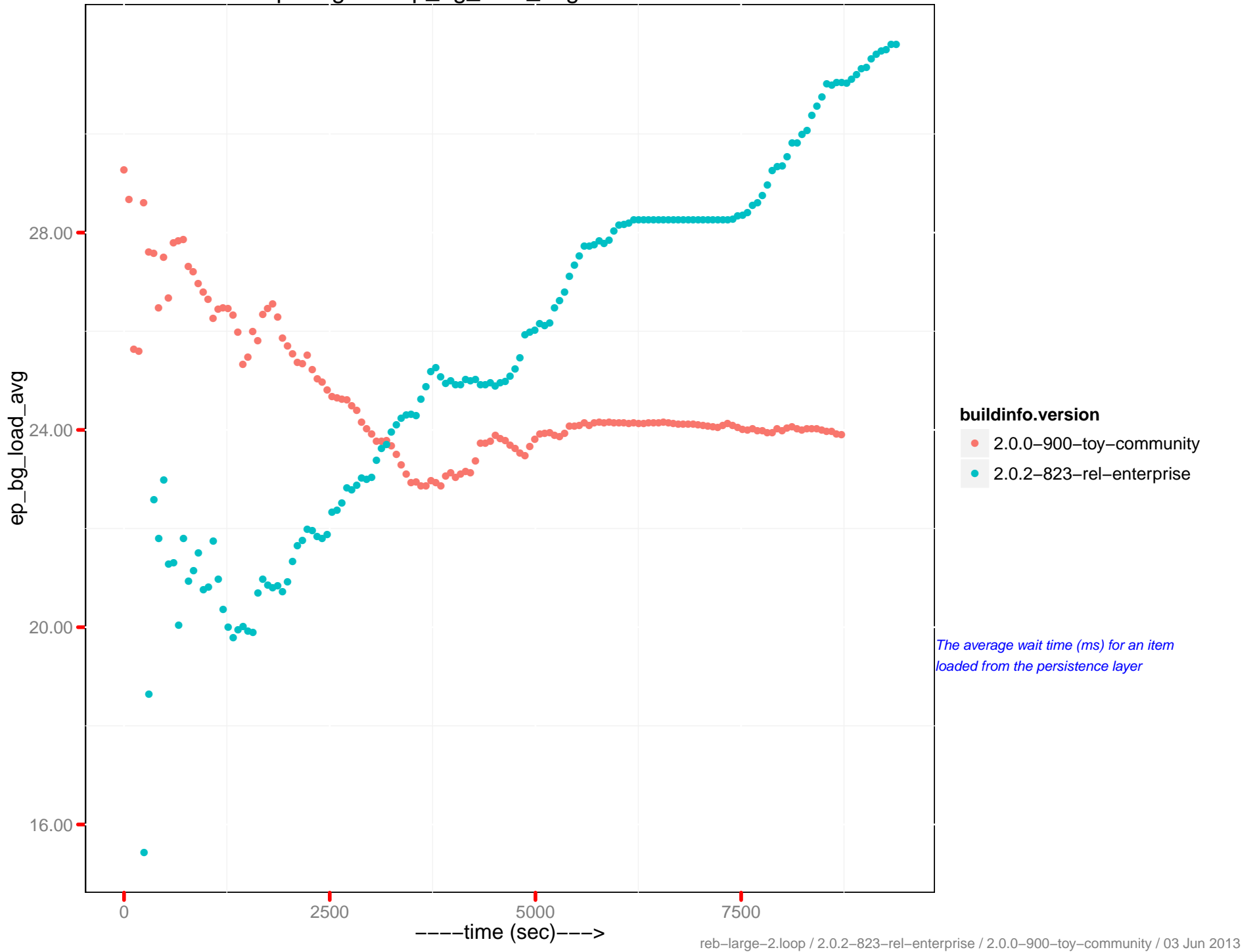


ep-engine : ep\_bg\_wait\_avg - 172.23.96.12

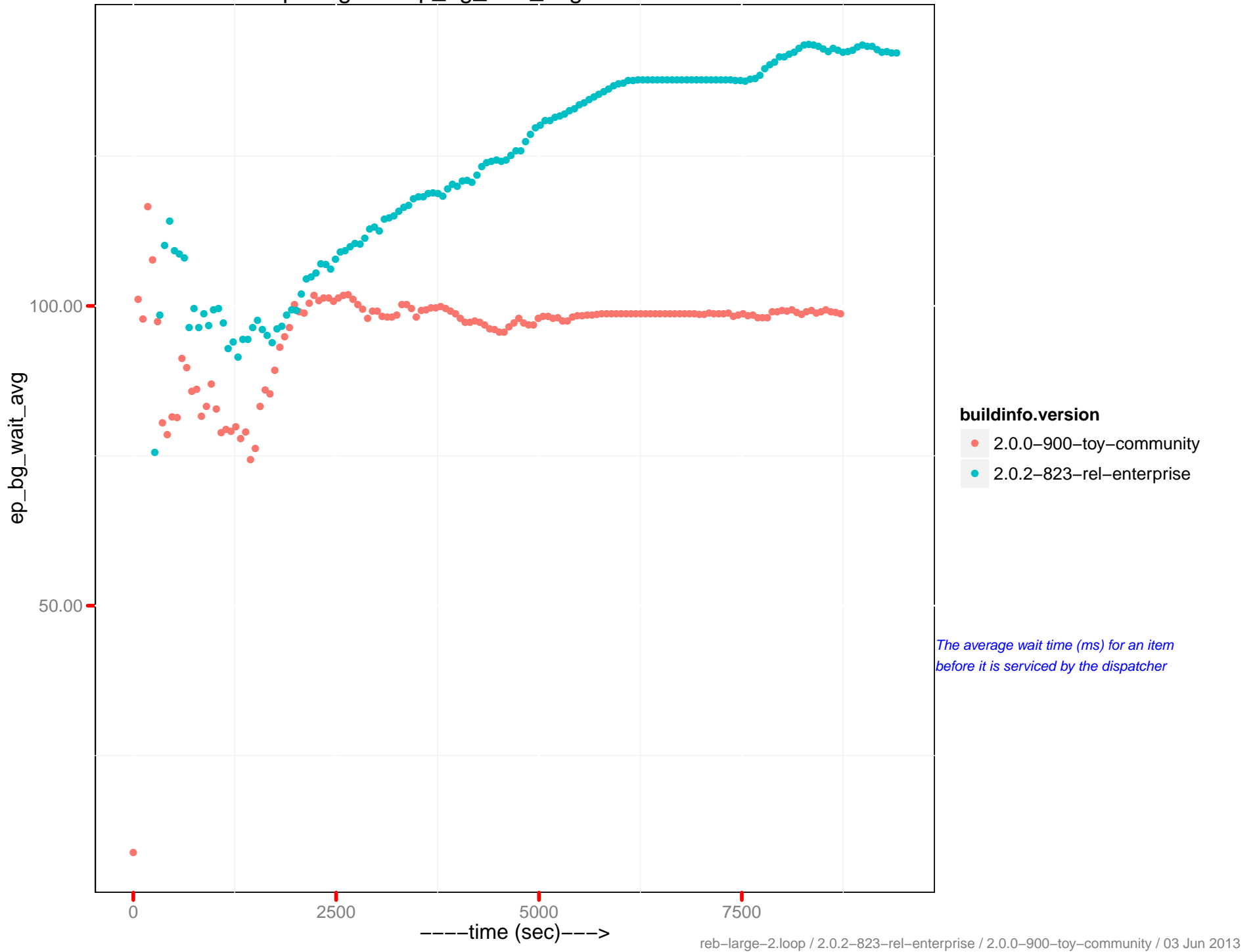


The average wait time (ms) for an item before it is serviced by the dispatcher

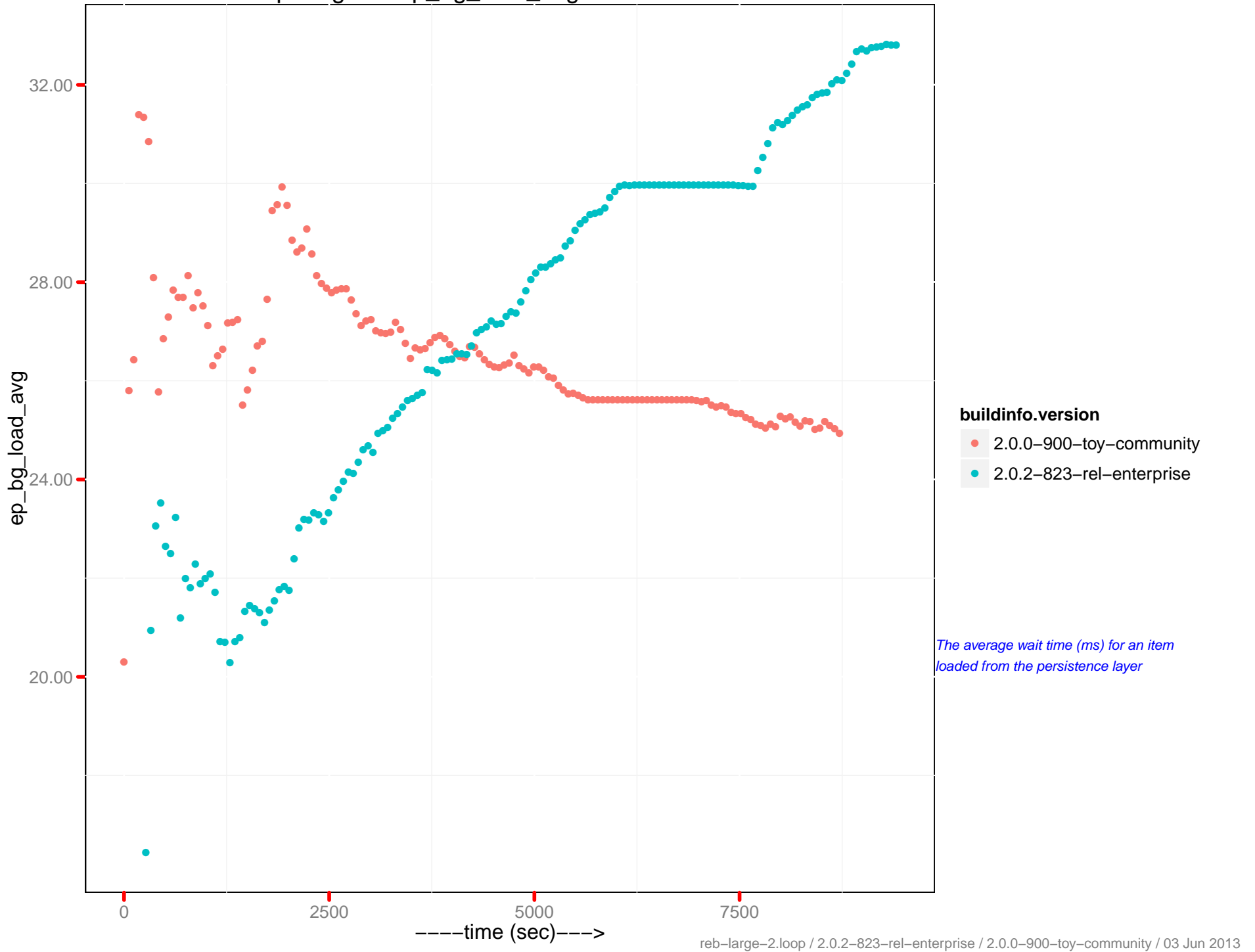
ep-engine : ep\_bg\_load\_avg - 172.23.96.12



ep-engine : ep\_bg\_wait\_avg - 172.23.96.13

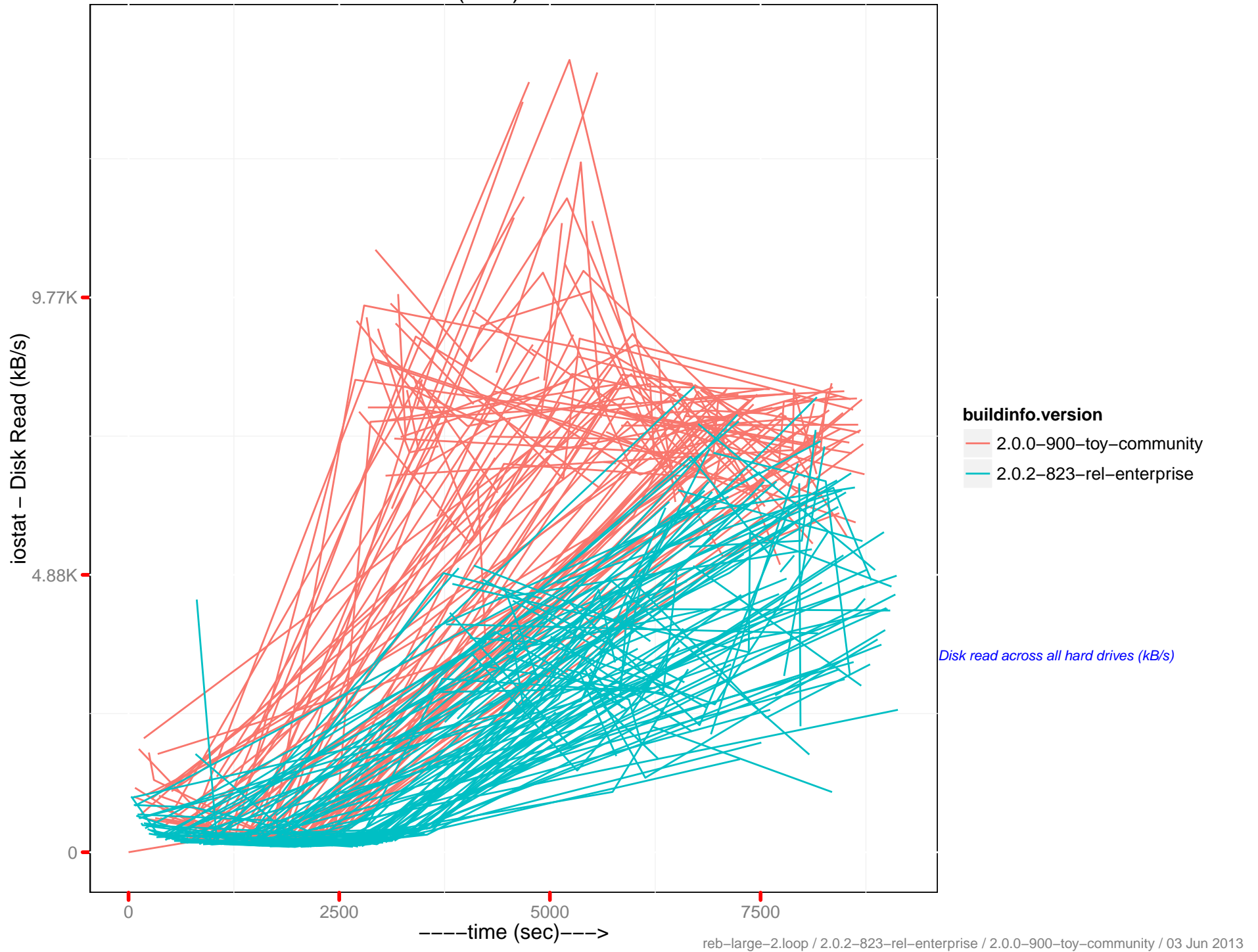


# ep-engine : ep\_bg\_load\_avg - 172.23.96.13



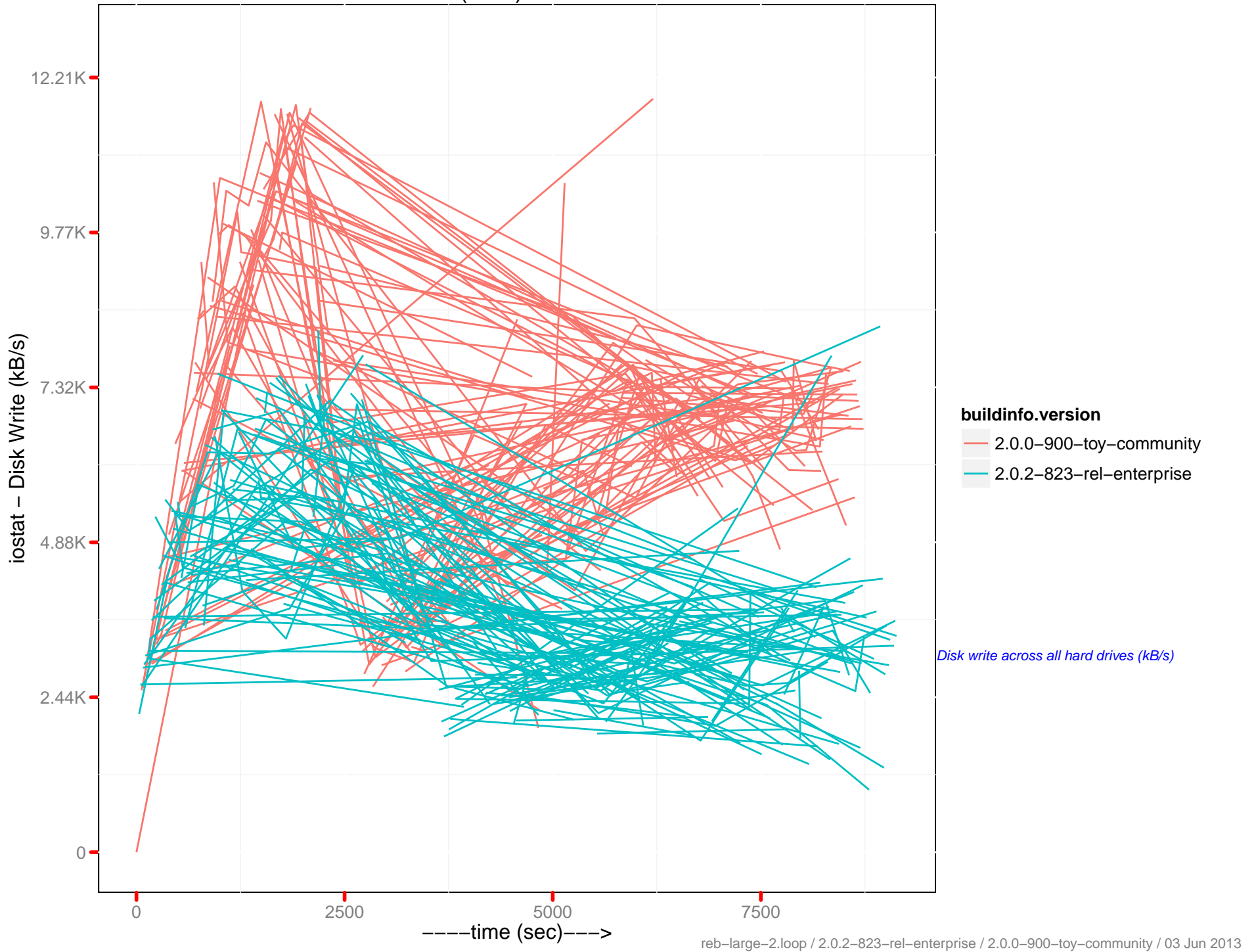
The average wait time (ms) for an item loaded from the persistence layer

Disk Read (kB/s) : 172.23.96.11

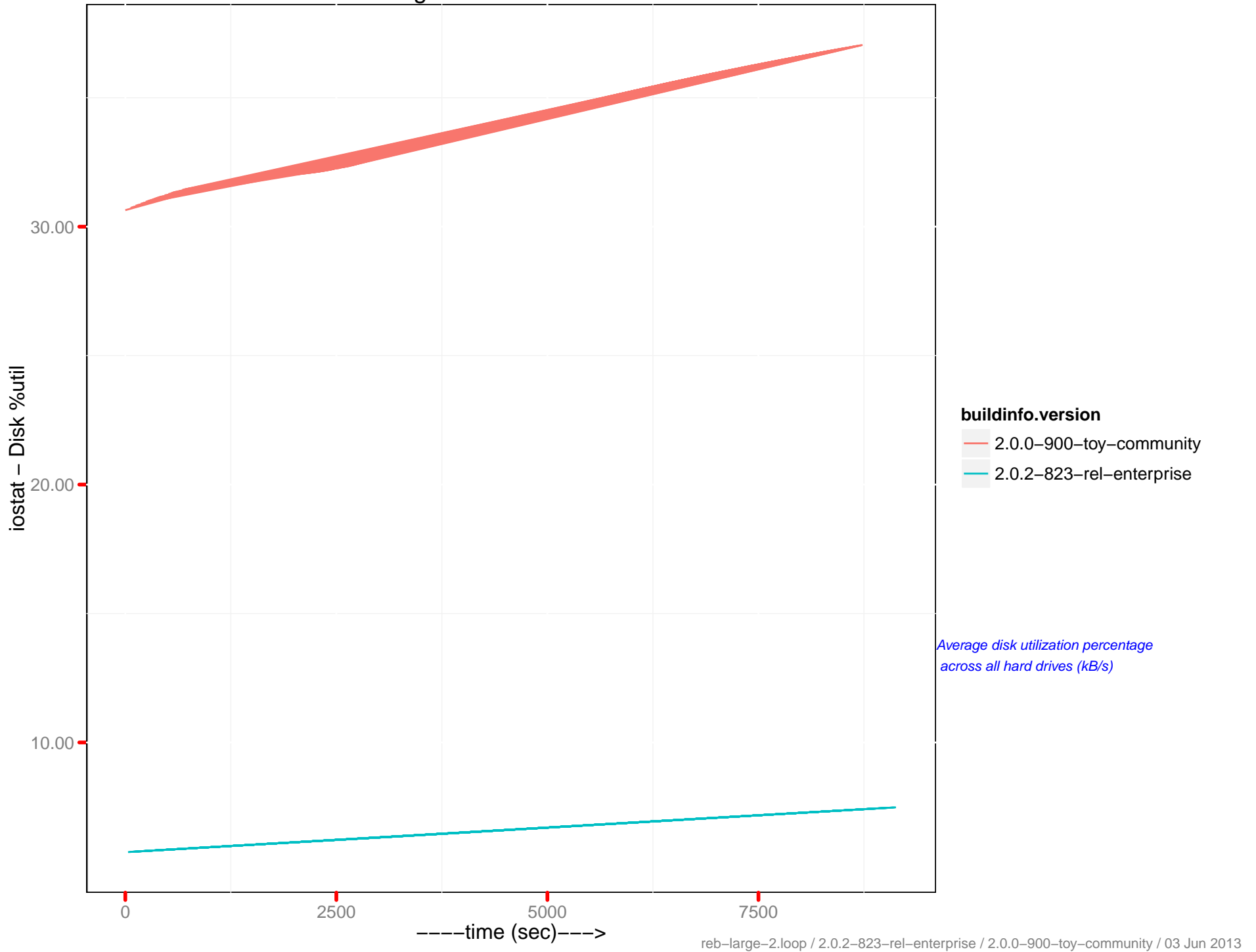




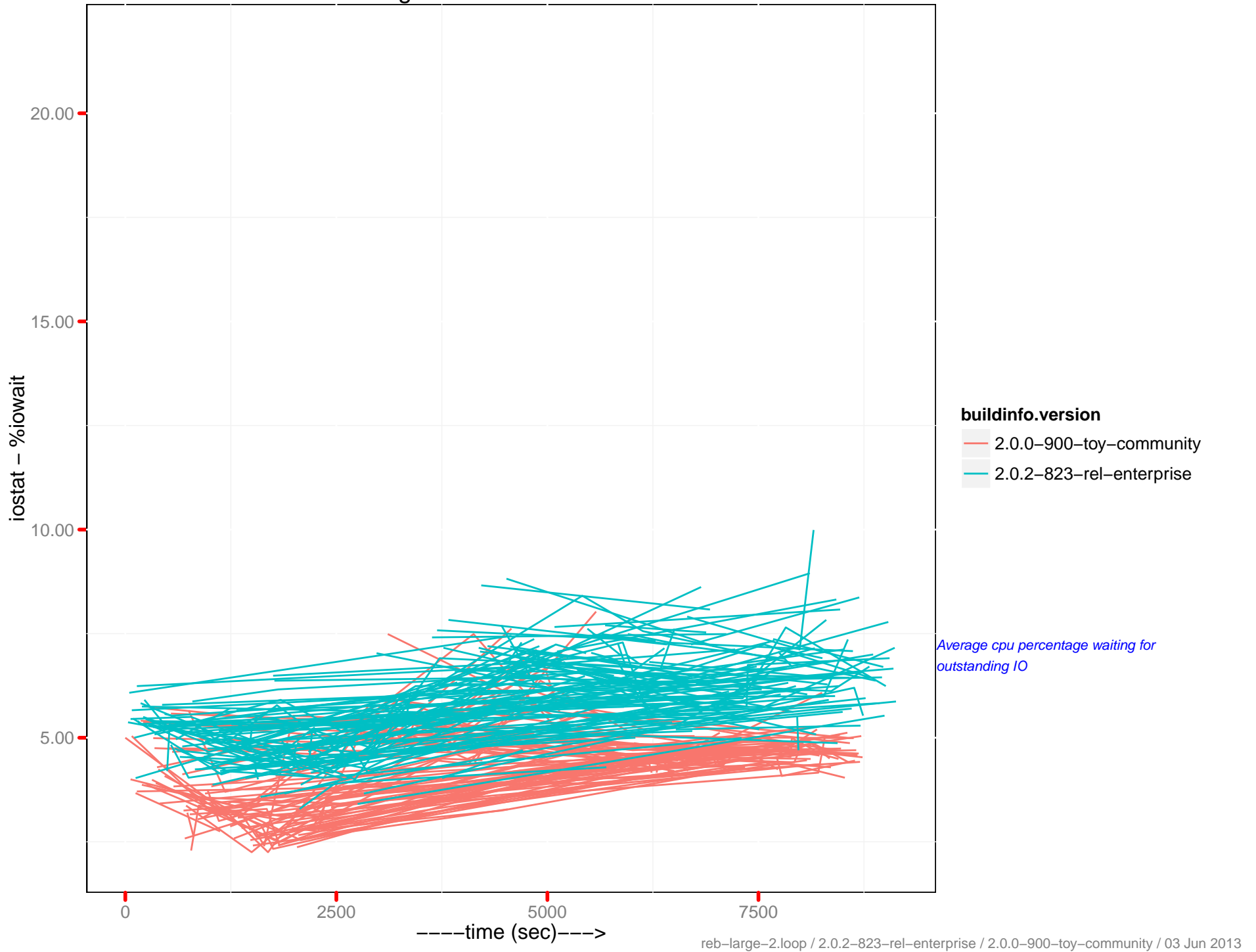
# Disk Write (kB/s) : 172.23.96.11



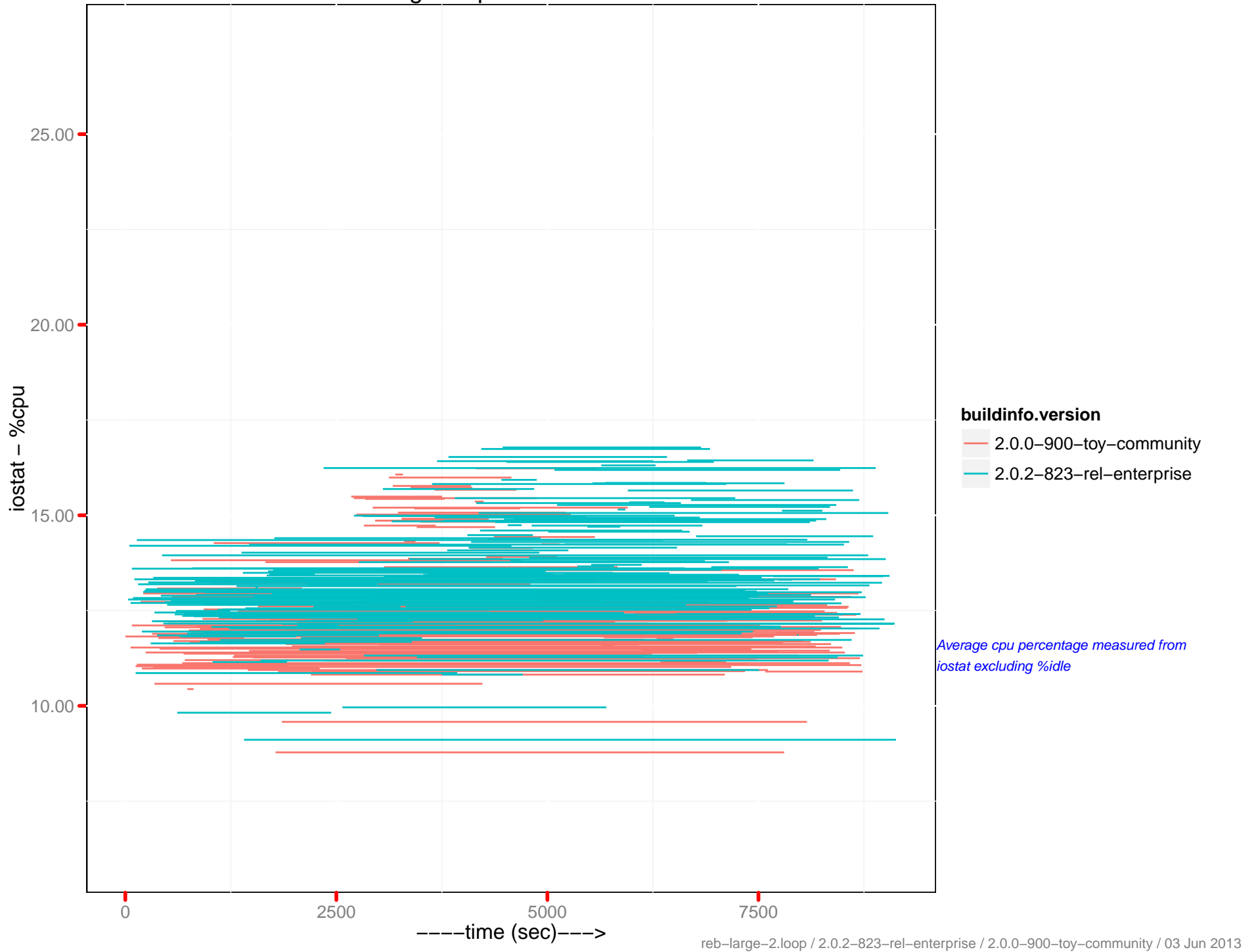
Average %util : 172.23.96.11



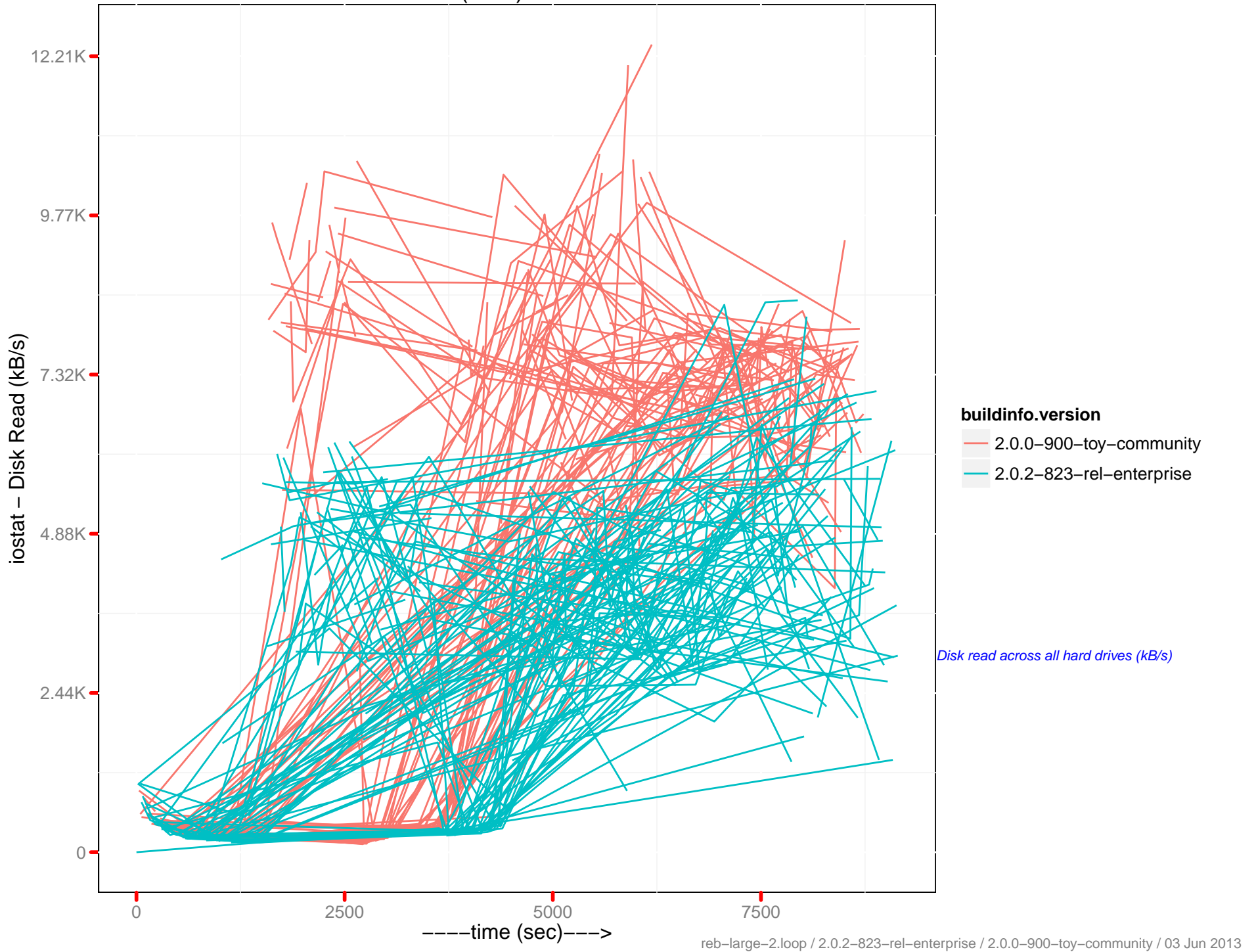
Average %iowait : 172.23.96.11



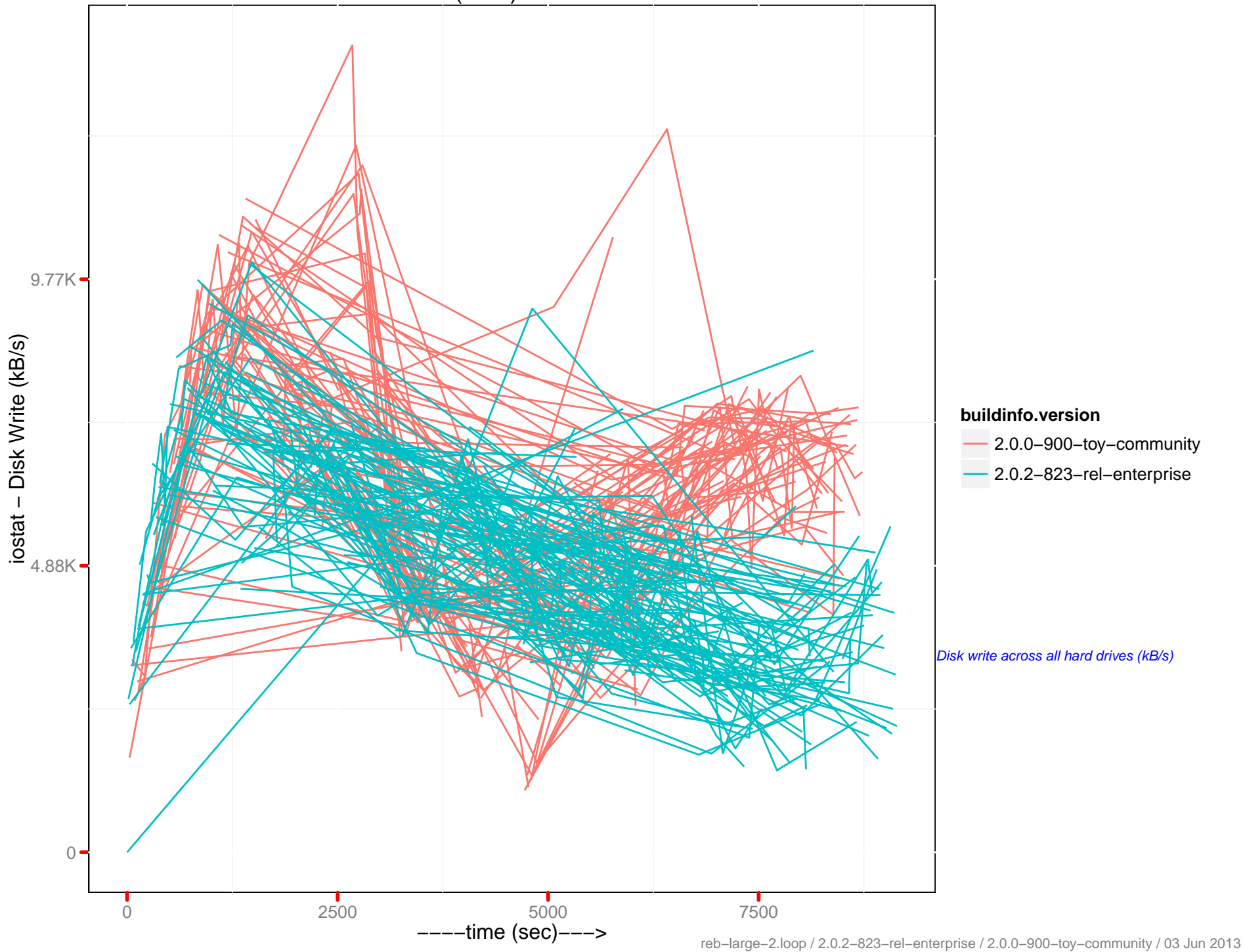
Average %cpu : 172.23.96.11



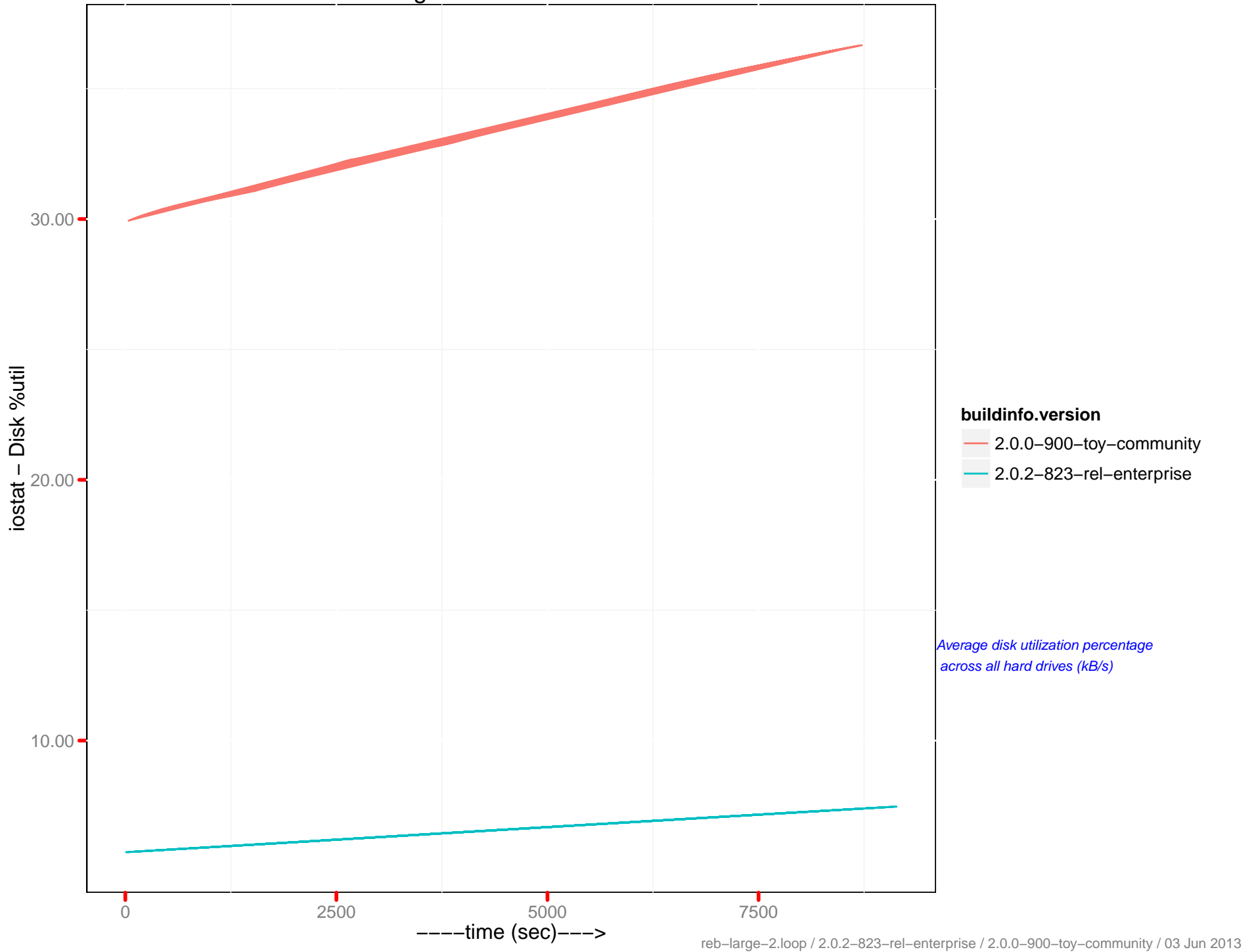
Disk Read (kB/s) : 172.23.96.12



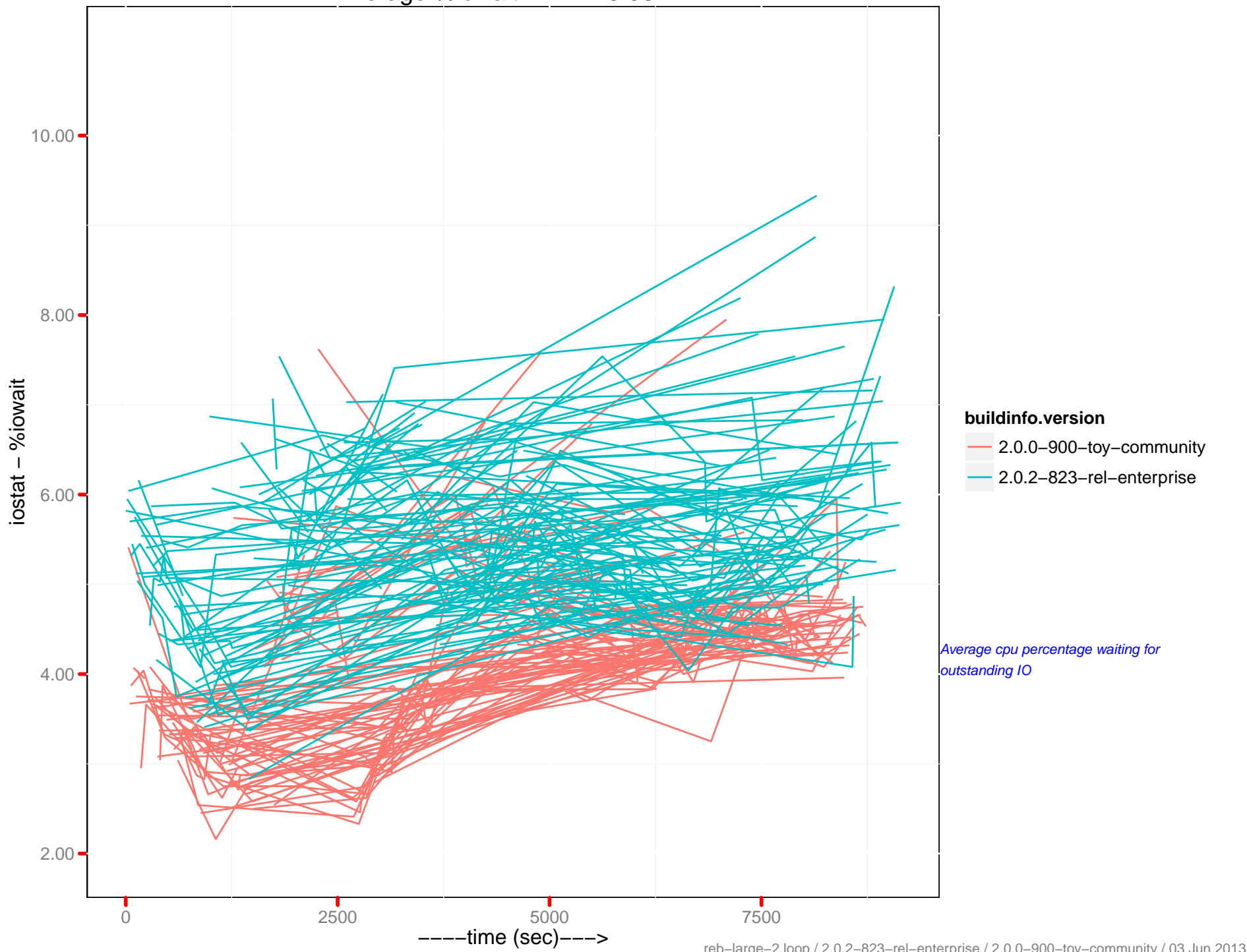
# Disk Write (kB/s) : 172.23.96.12



Average %util : 172.23.96.12



Average %iowait : 172.23.96.12

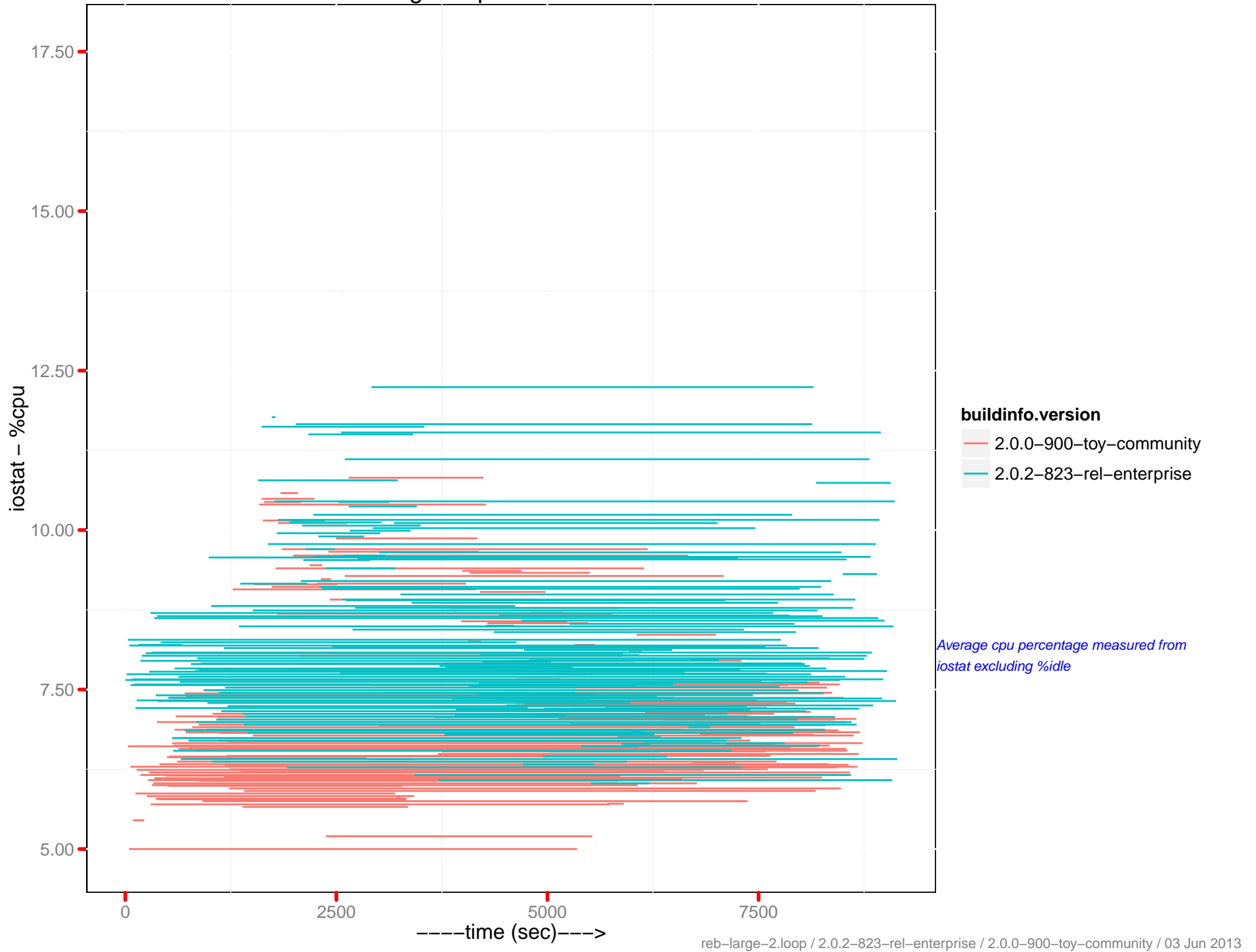


**buildinfo.version**  
2.0.0-900-toy-community  
2.0.2-823-rel-enterprise

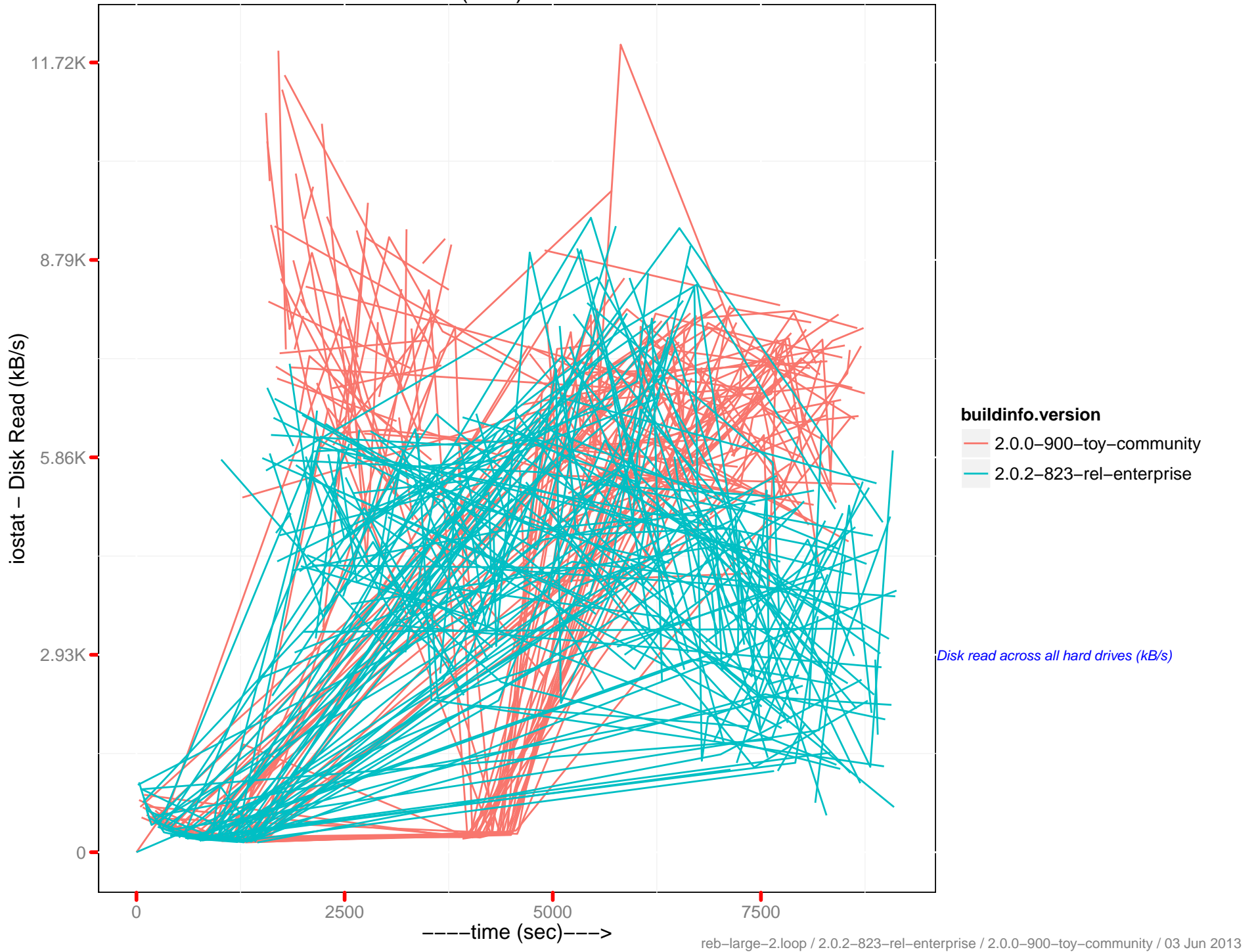
*Average cpu percentage waiting for outstanding IO*



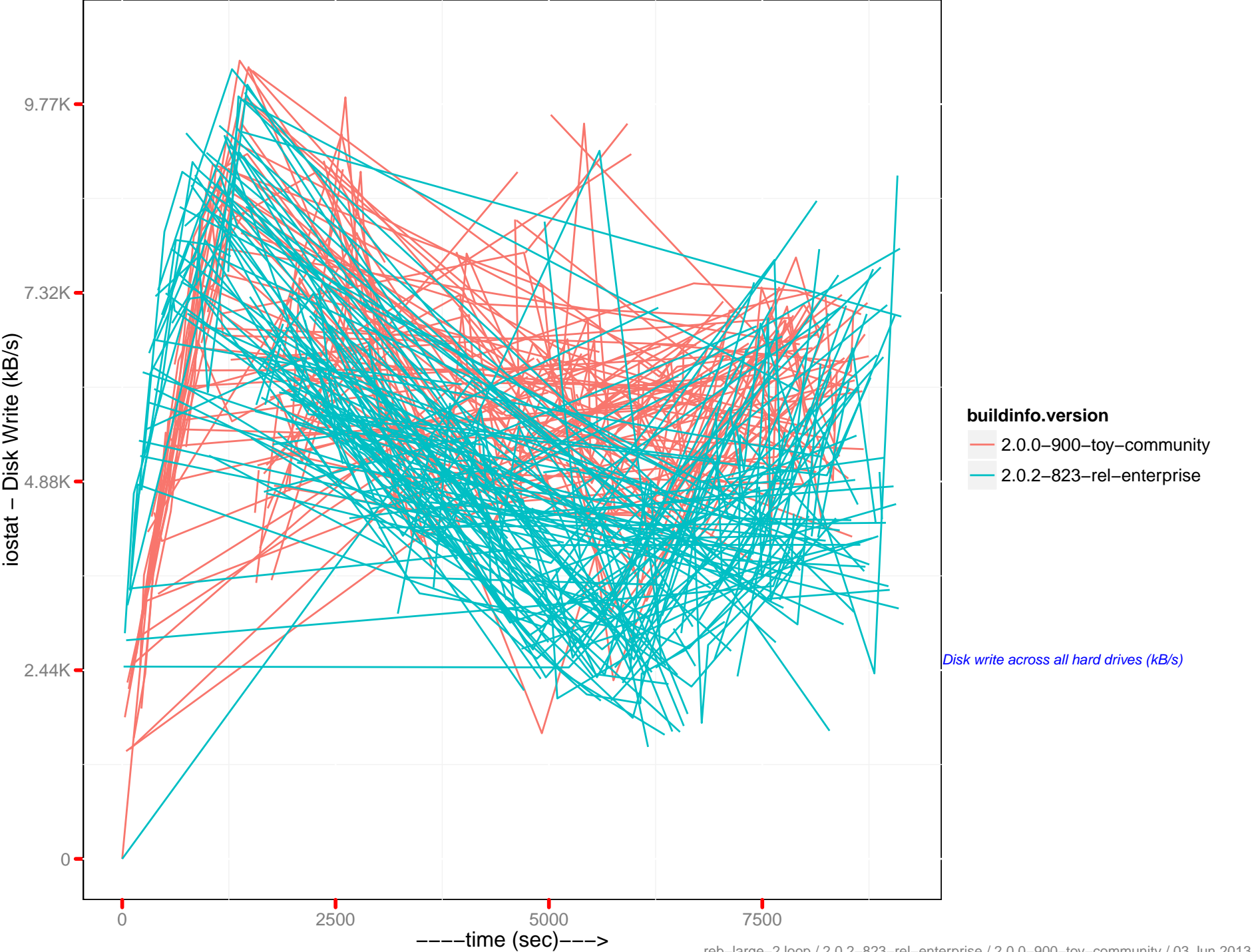
Average %cpu : 172.23.96.12



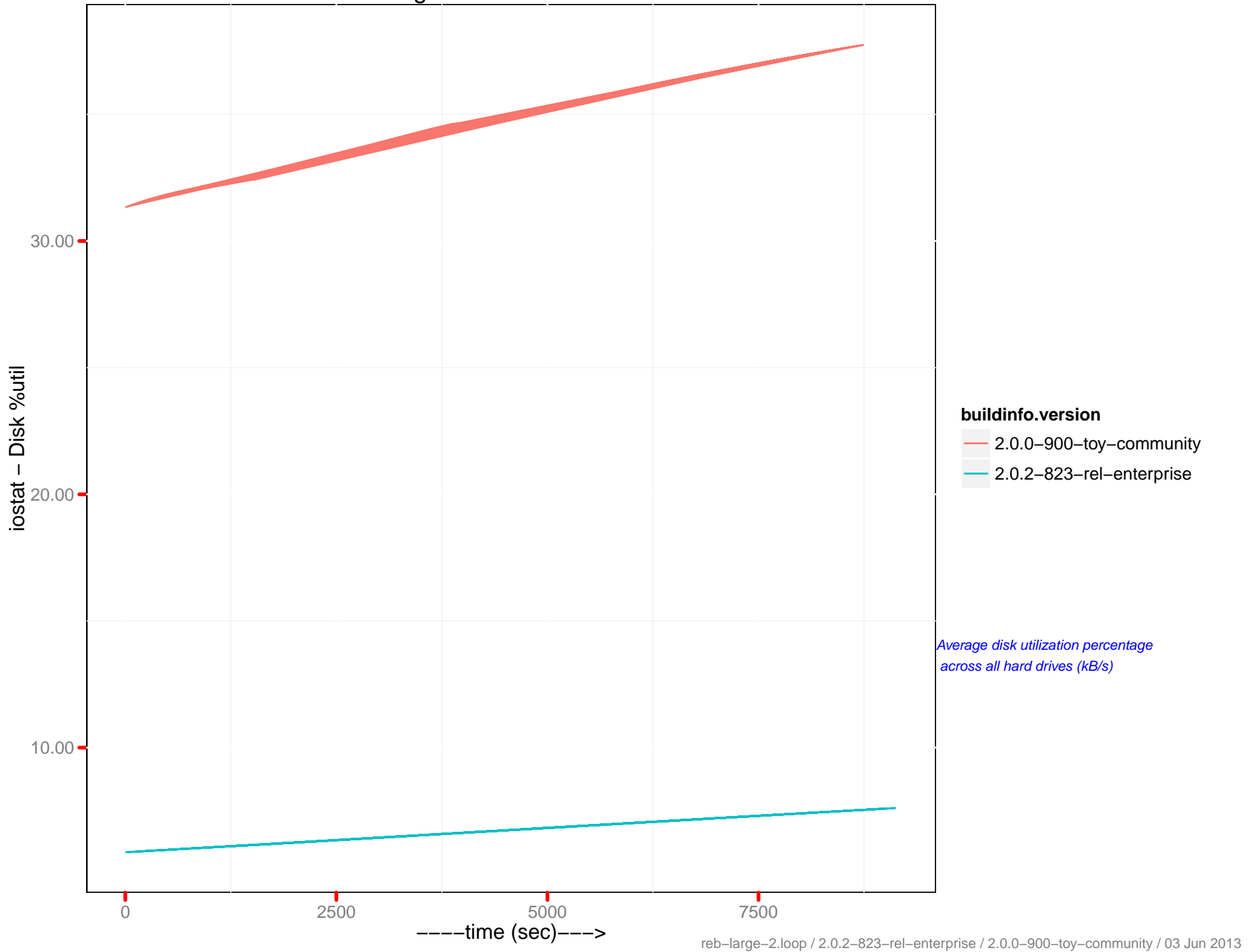
Disk Read (kB/s) : 172.23.96.13



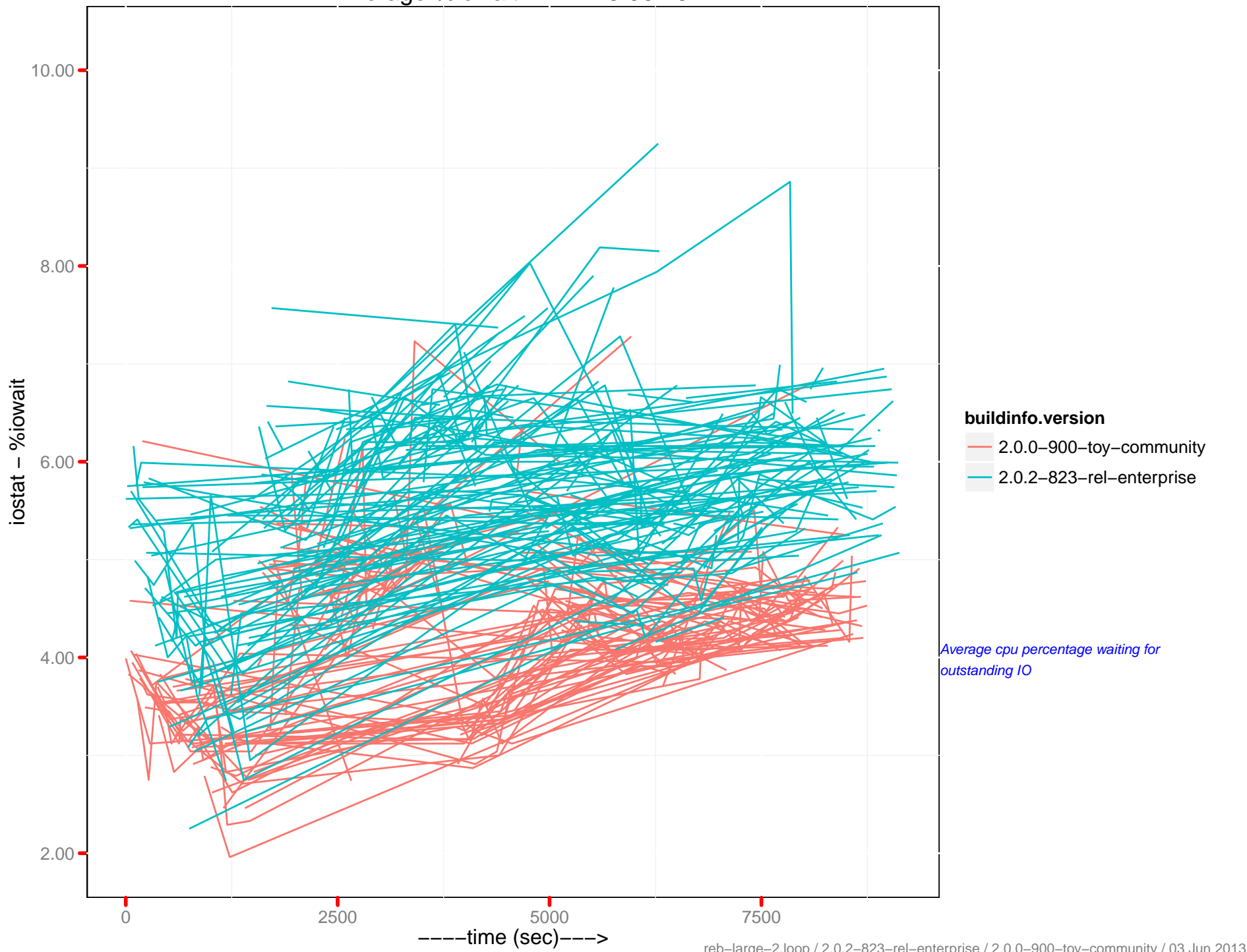
Disk Write (kB/s) : 172.23.96.13



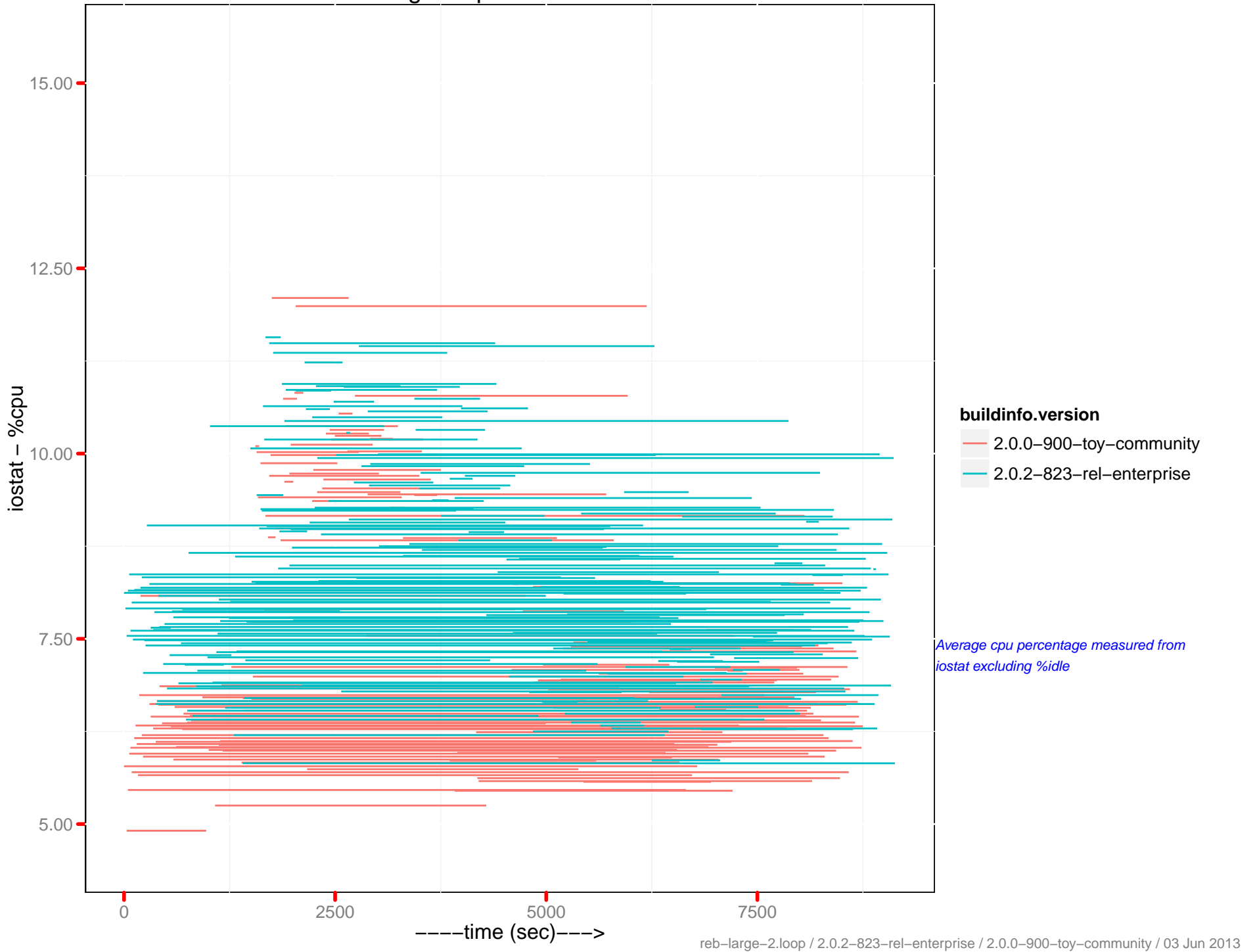
Average %util : 172.23.96.13



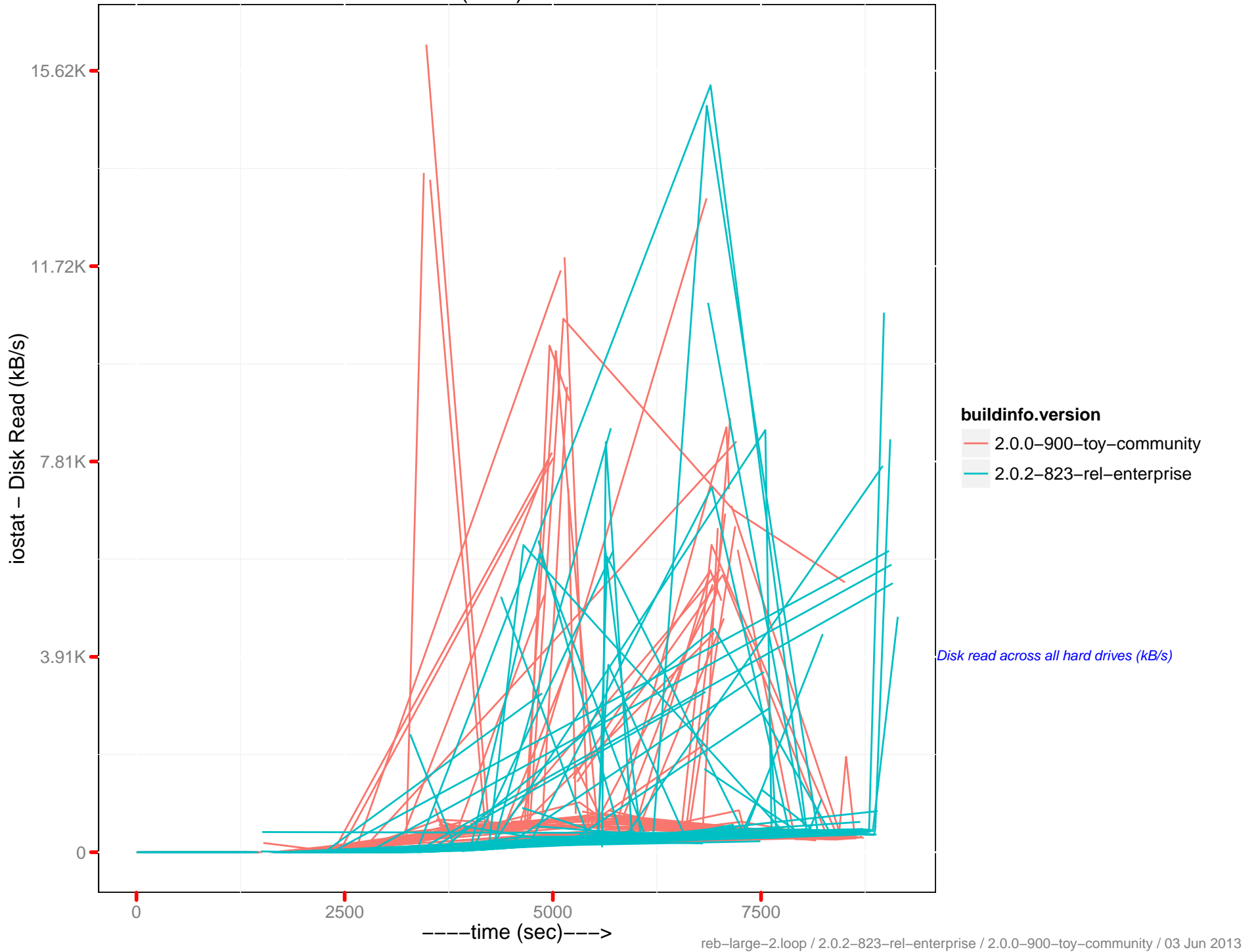
Average %iowait : 172.23.96.13



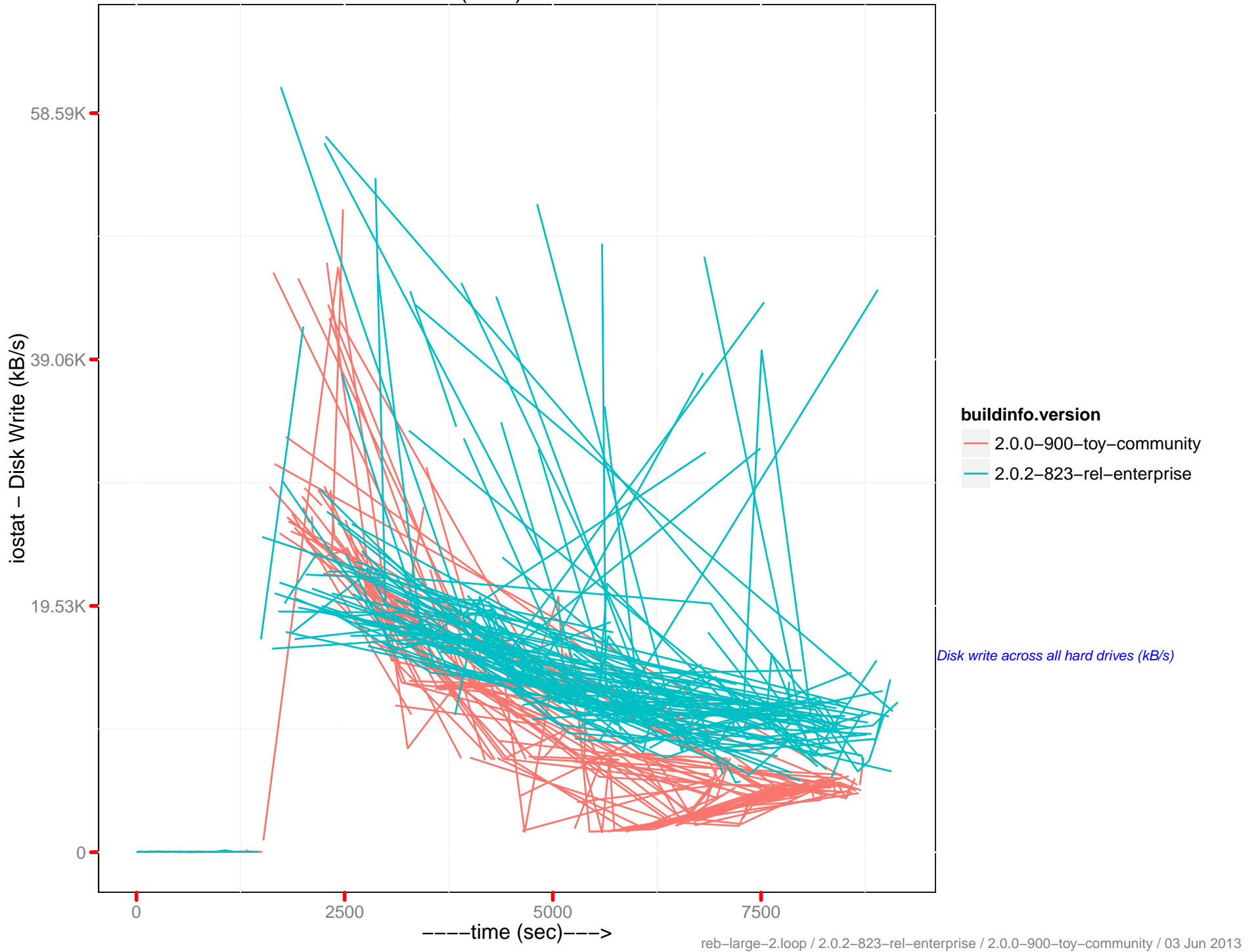
Average %cpu : 172.23.96.13



Disk Read (kB/s) : 172.23.96.14

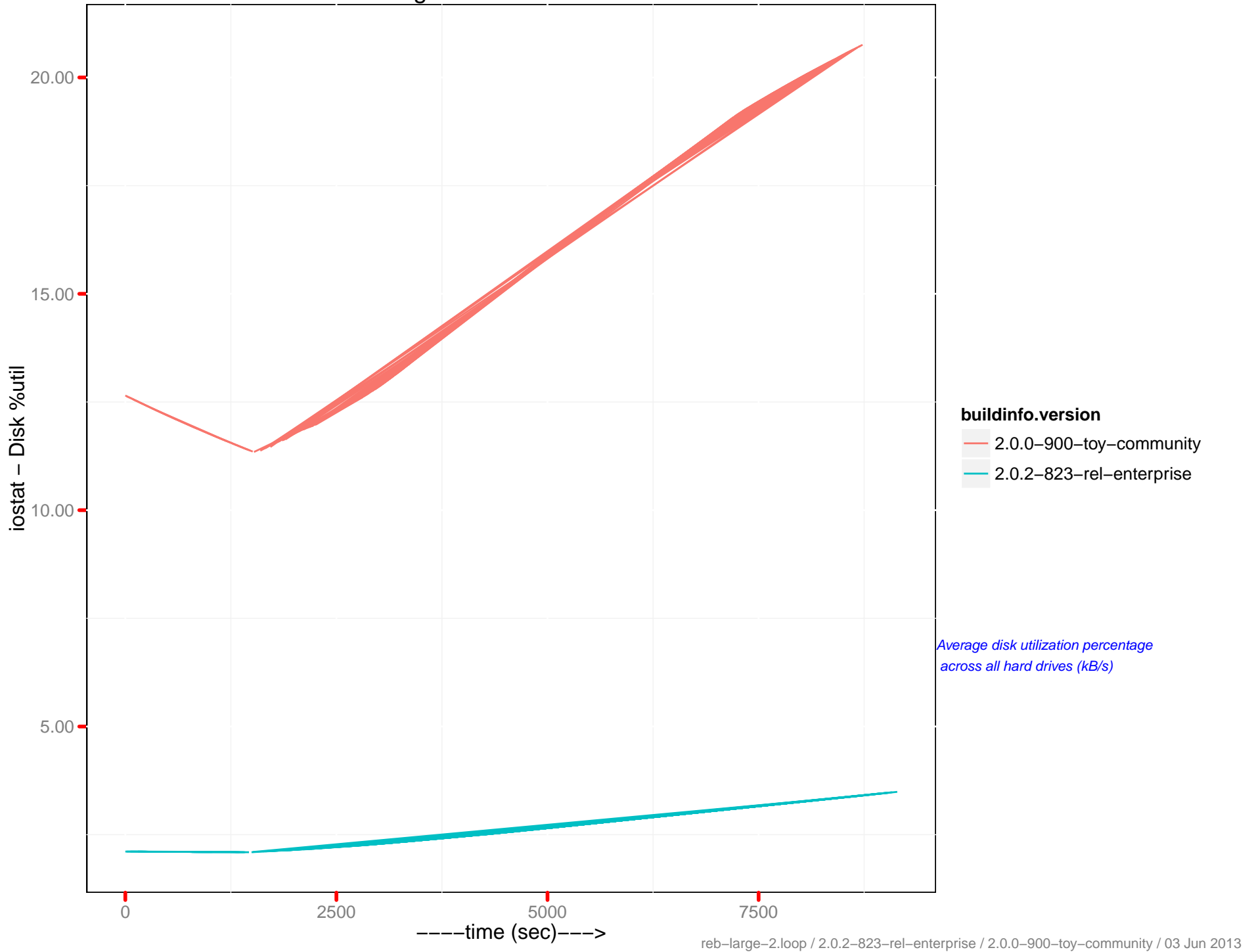


# Disk Write (kB/s) : 172.23.96.14

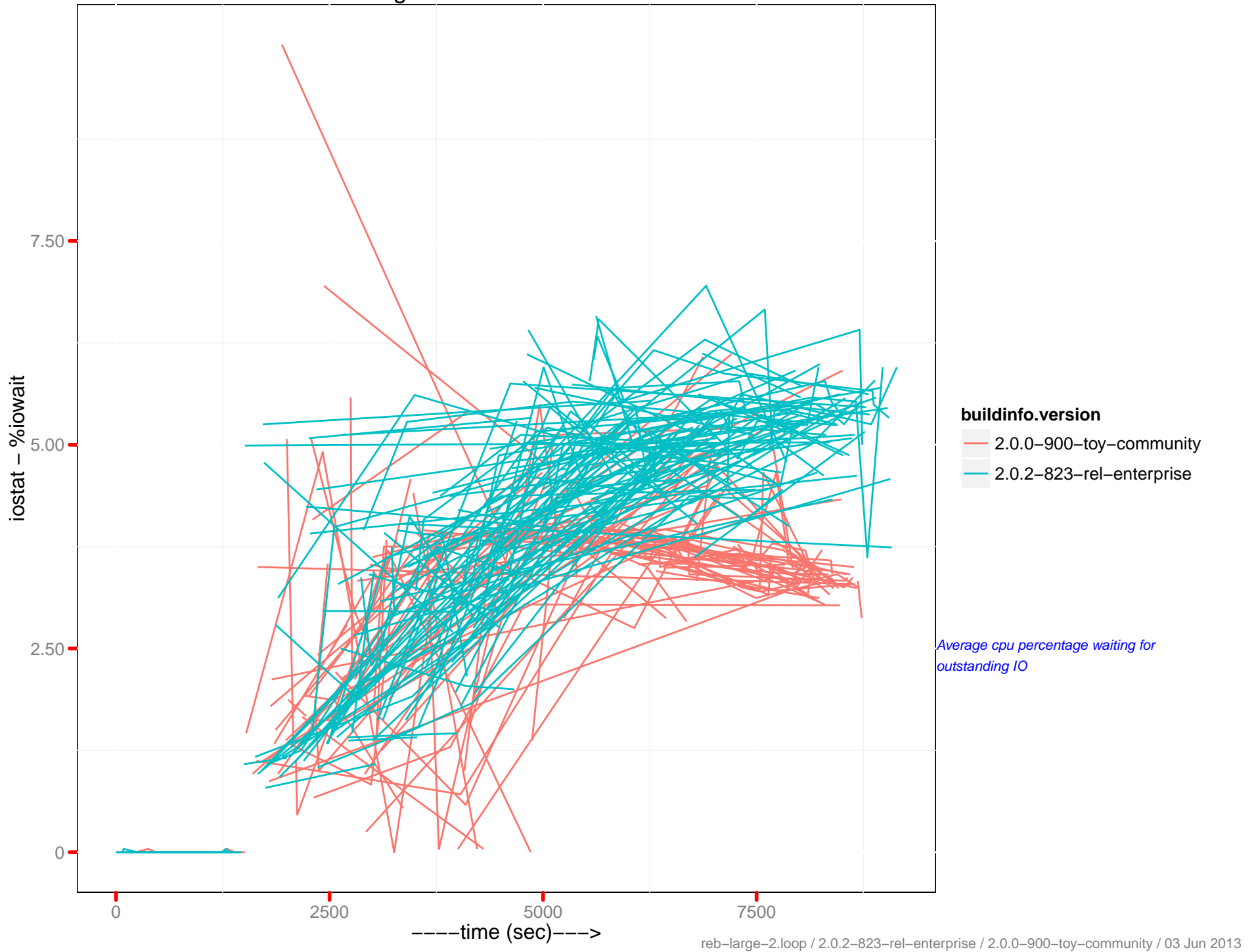




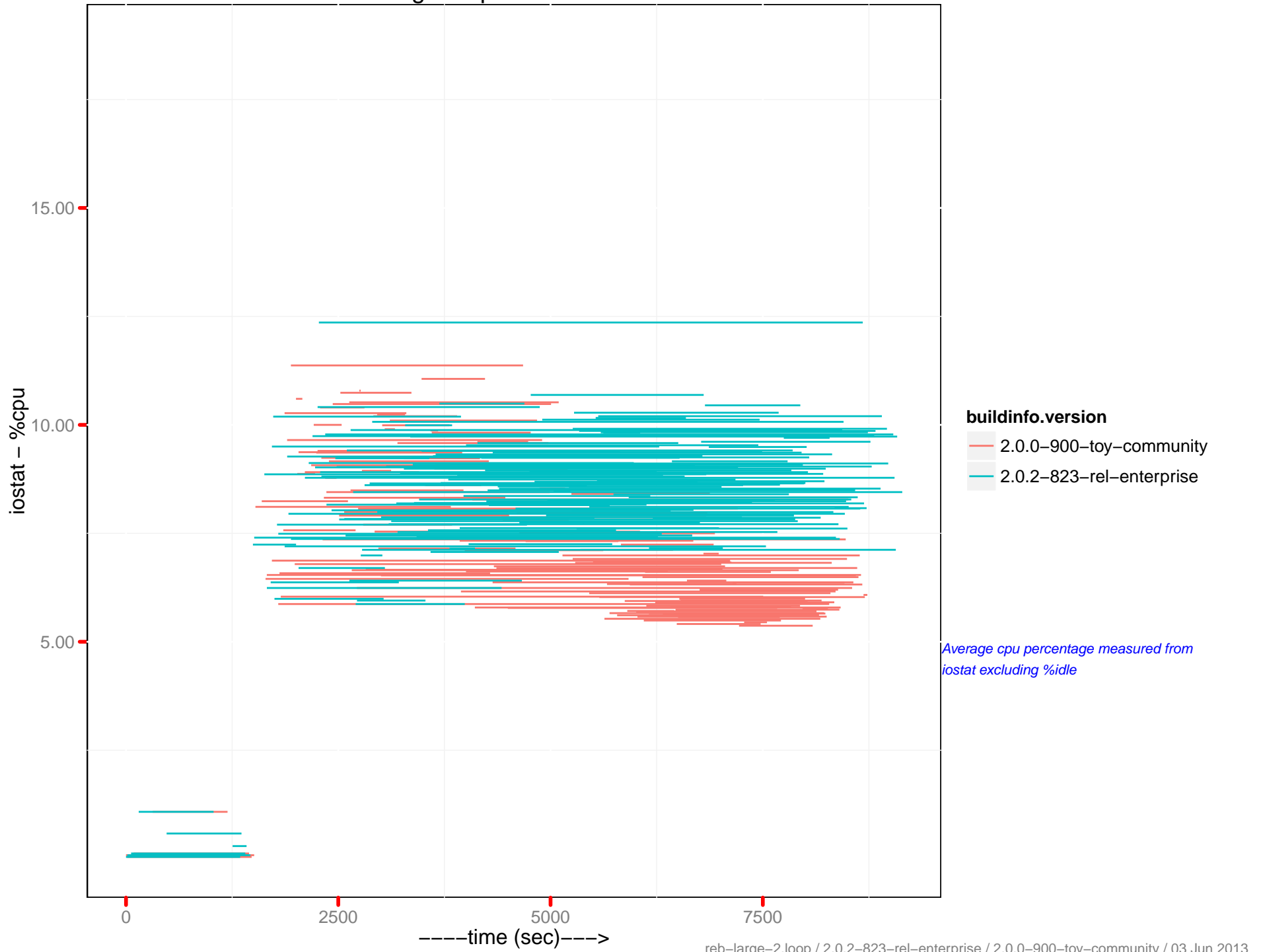
Average %util : 172.23.96.14



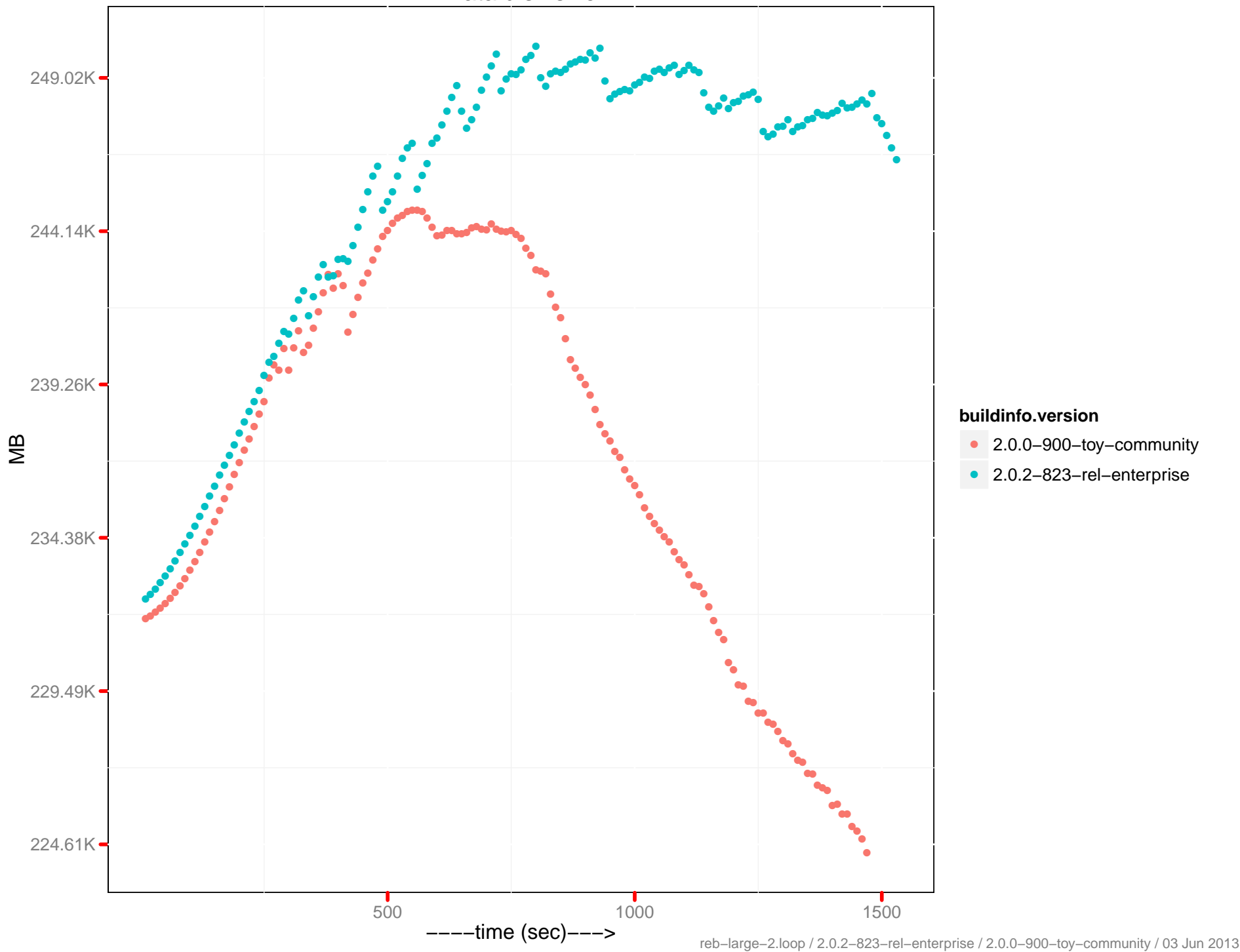
Average %iowait : 172.23.96.14



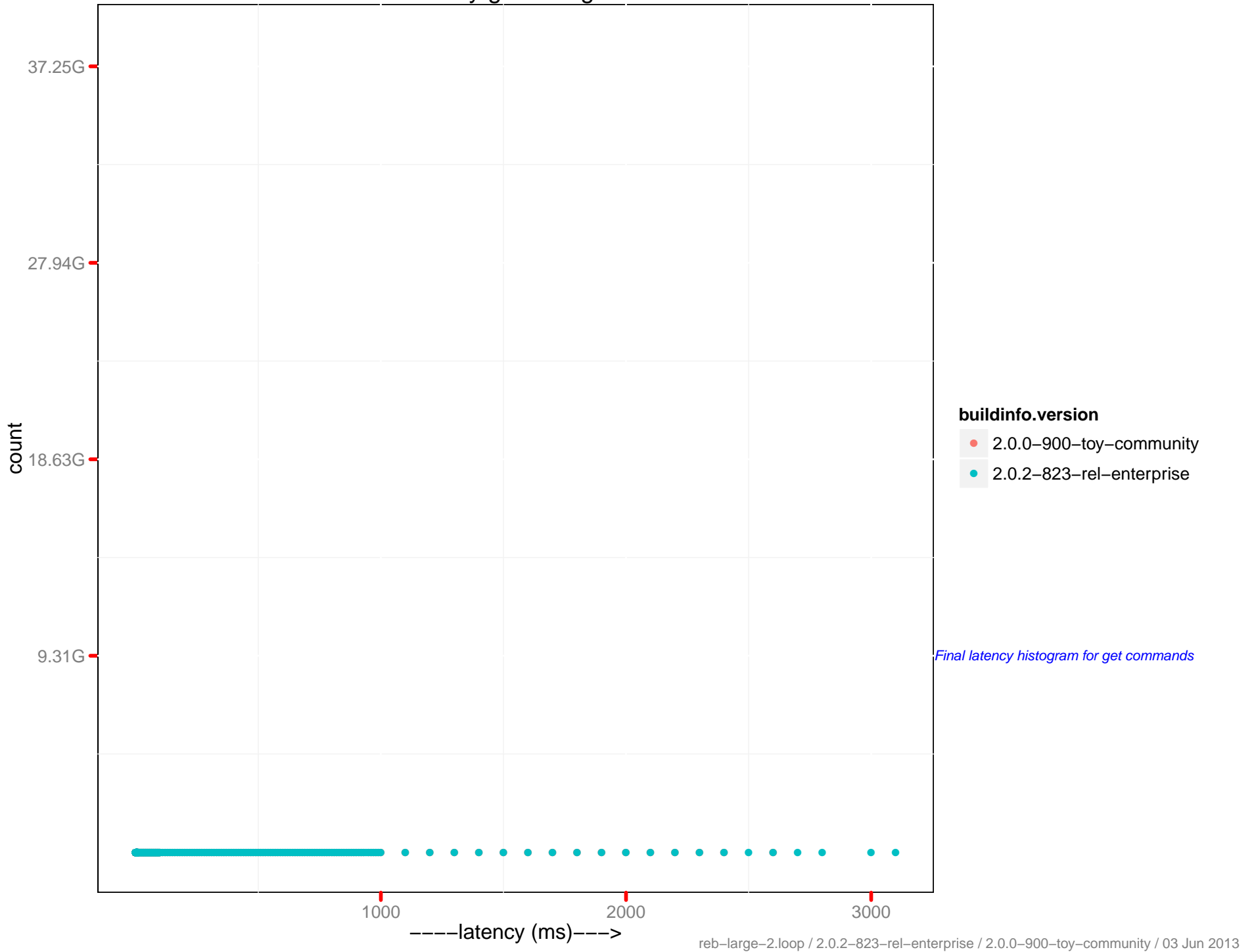
Average %cpu : 172.23.96.14



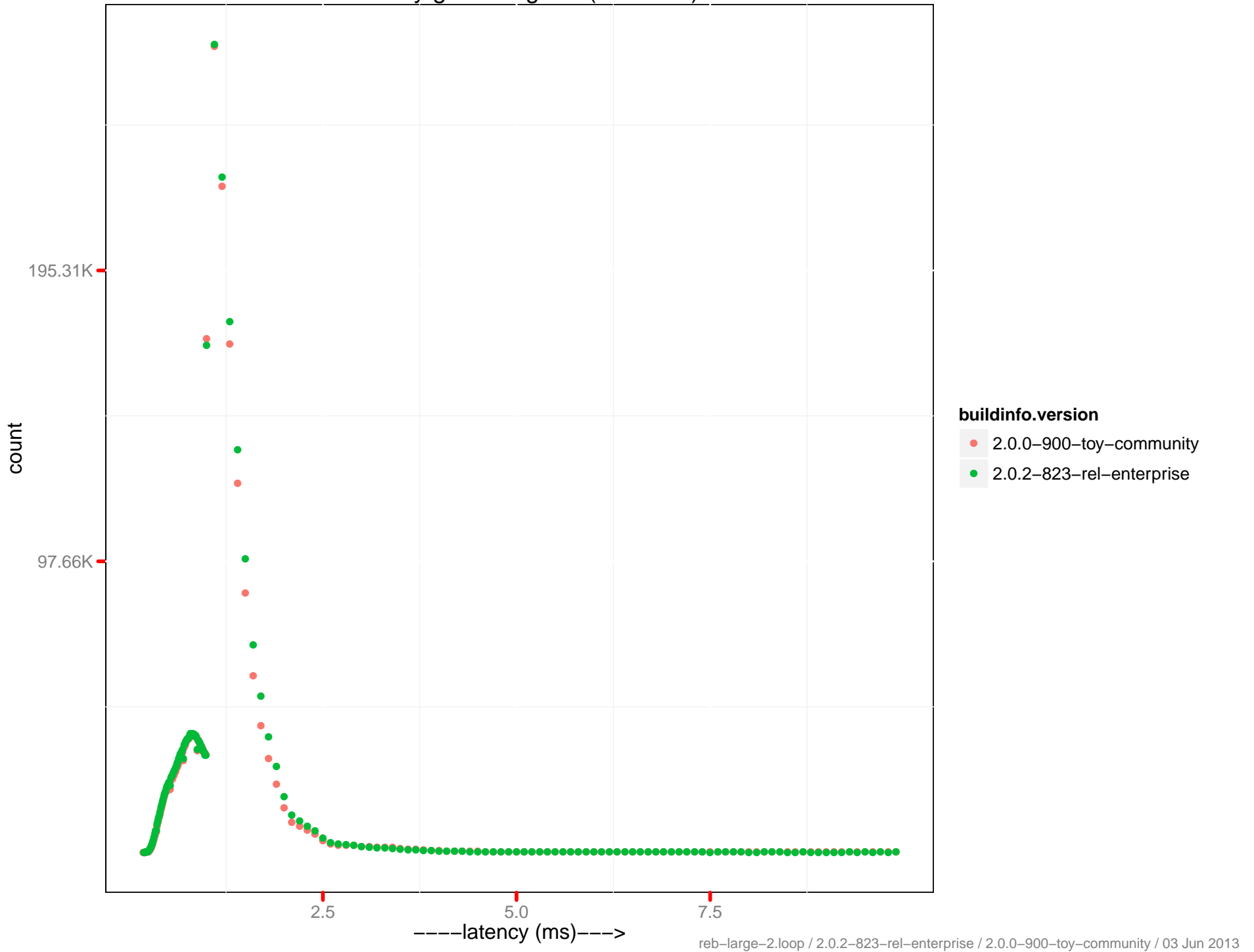
Data disk size



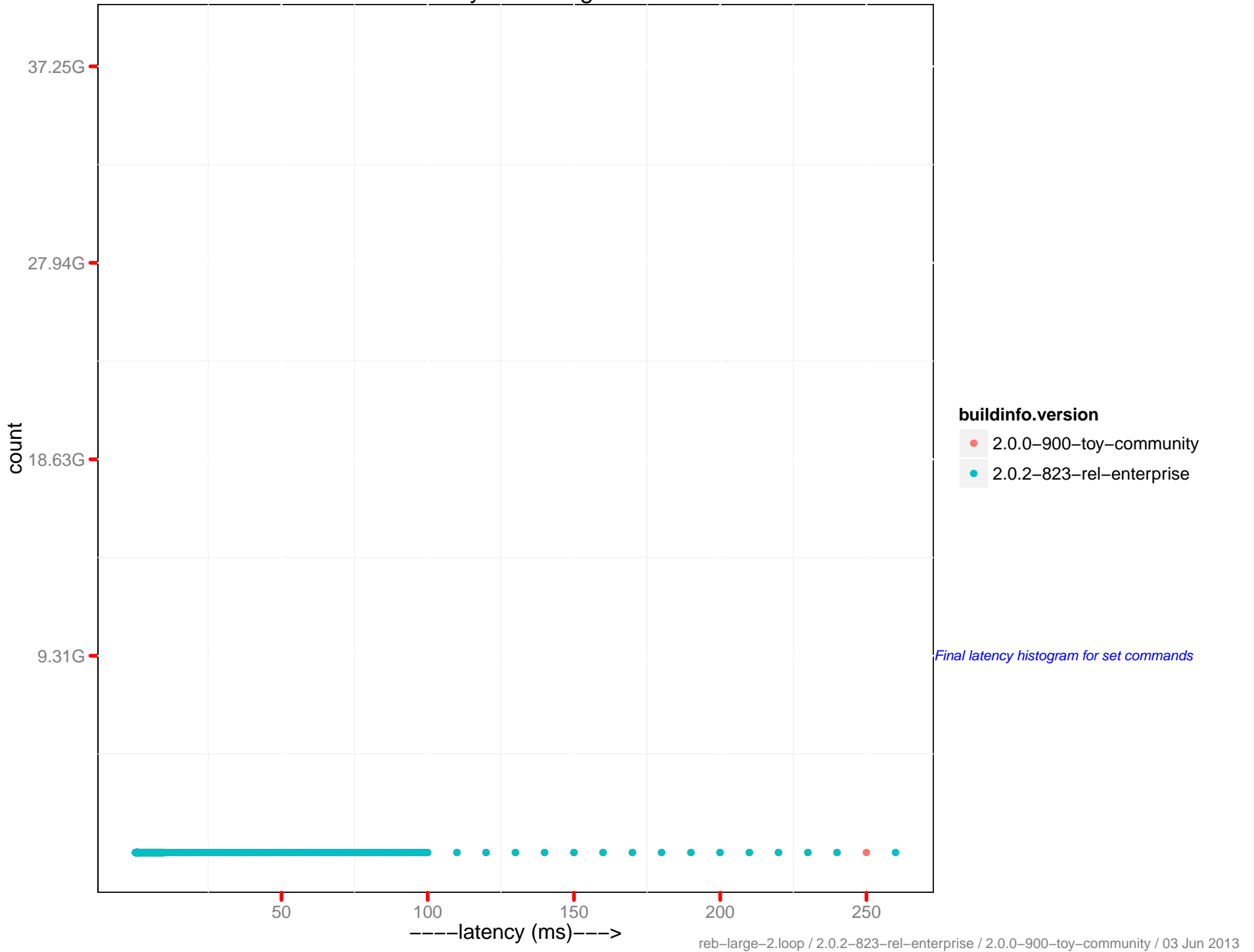
# Latency get histogram



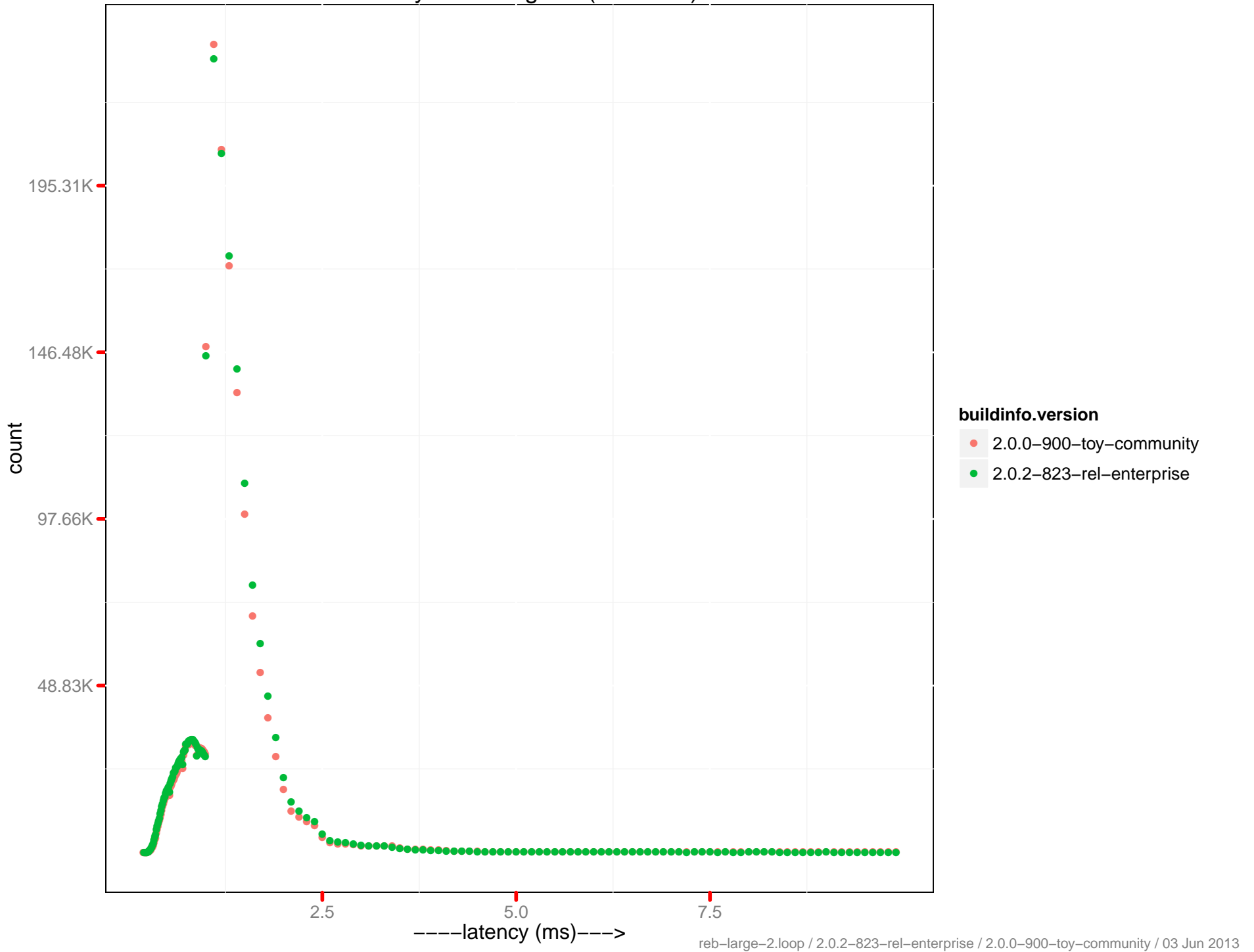
Latency get histogram (0–10 ms)



# Latency set histogram

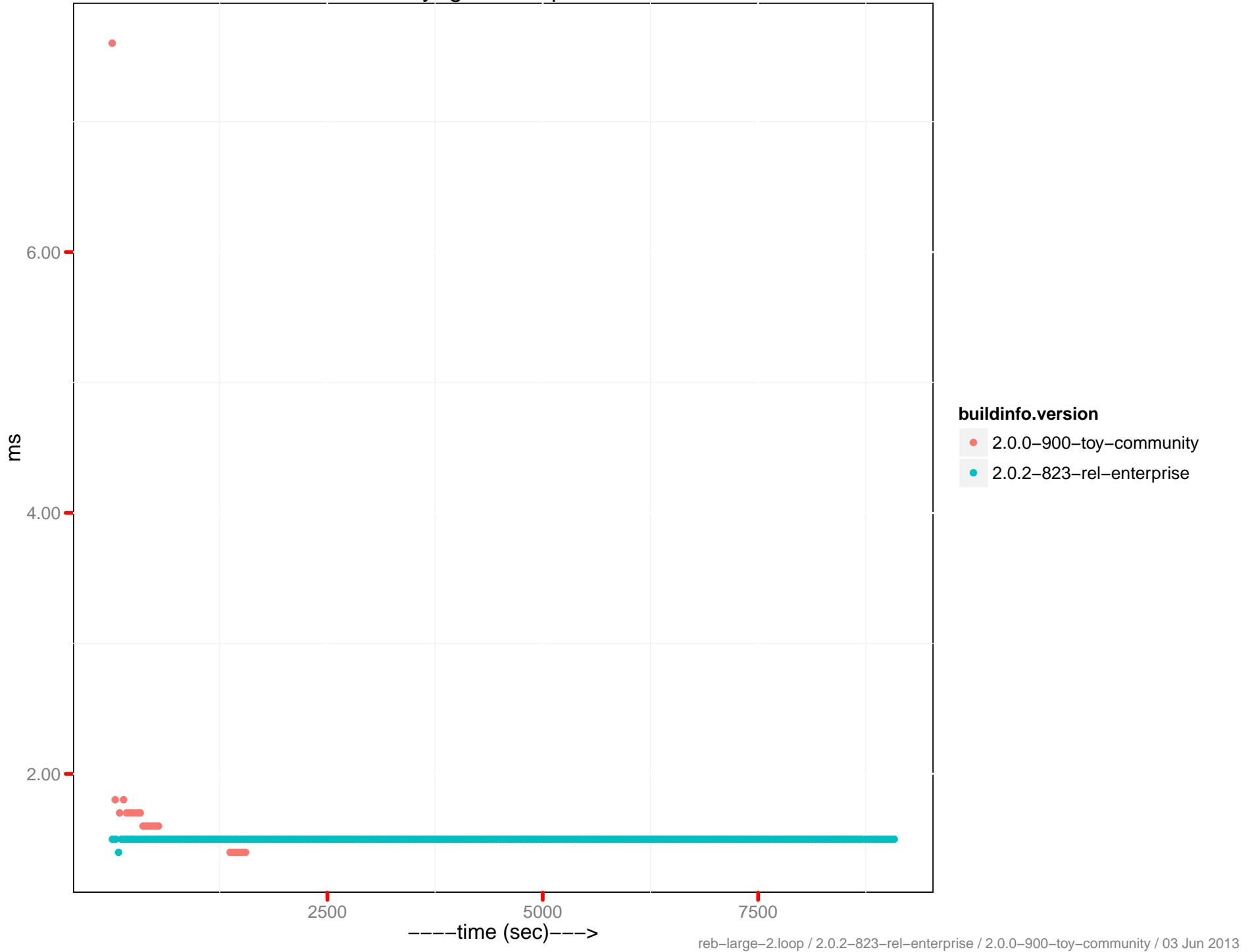


Latency set histogram (0–10 ms)

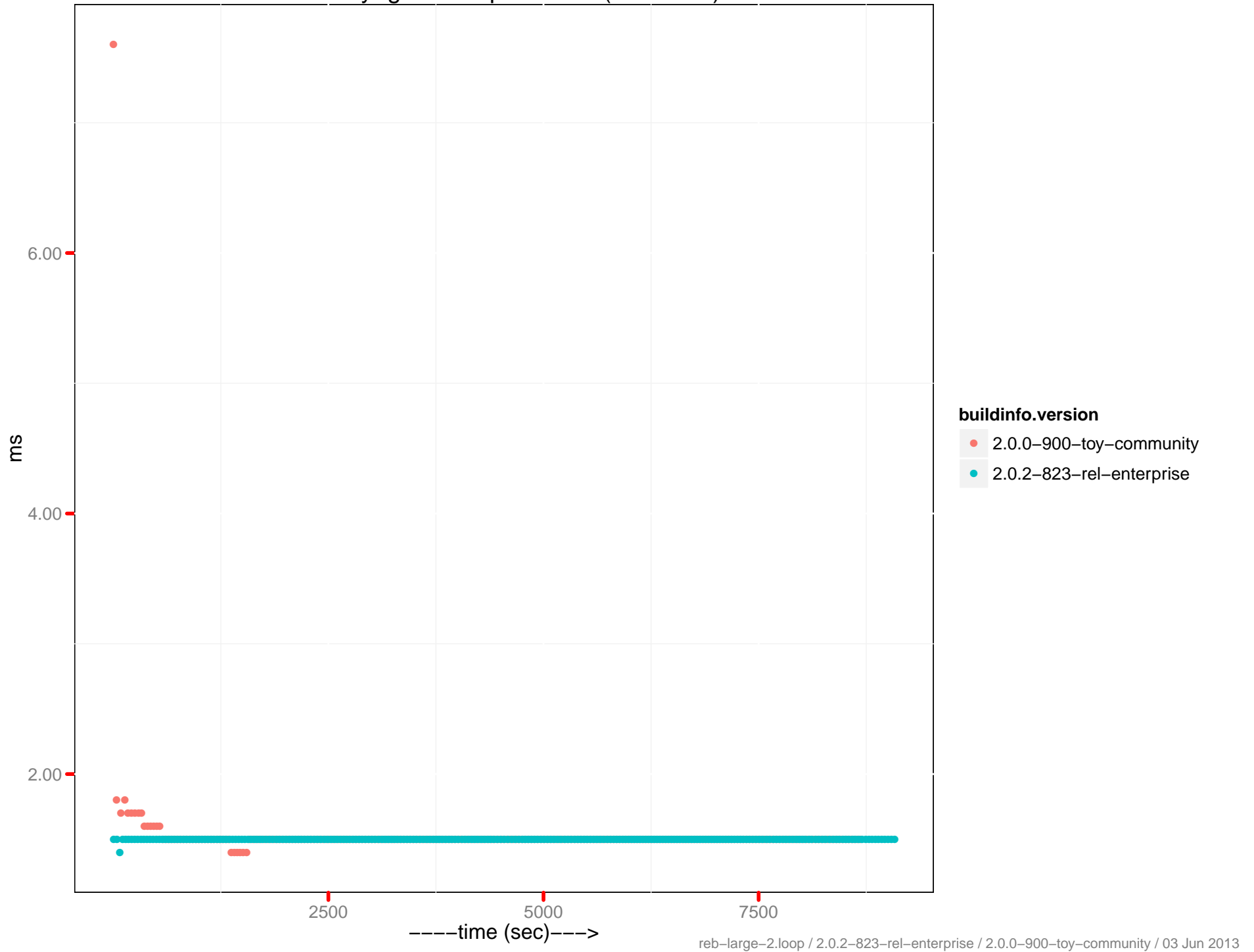




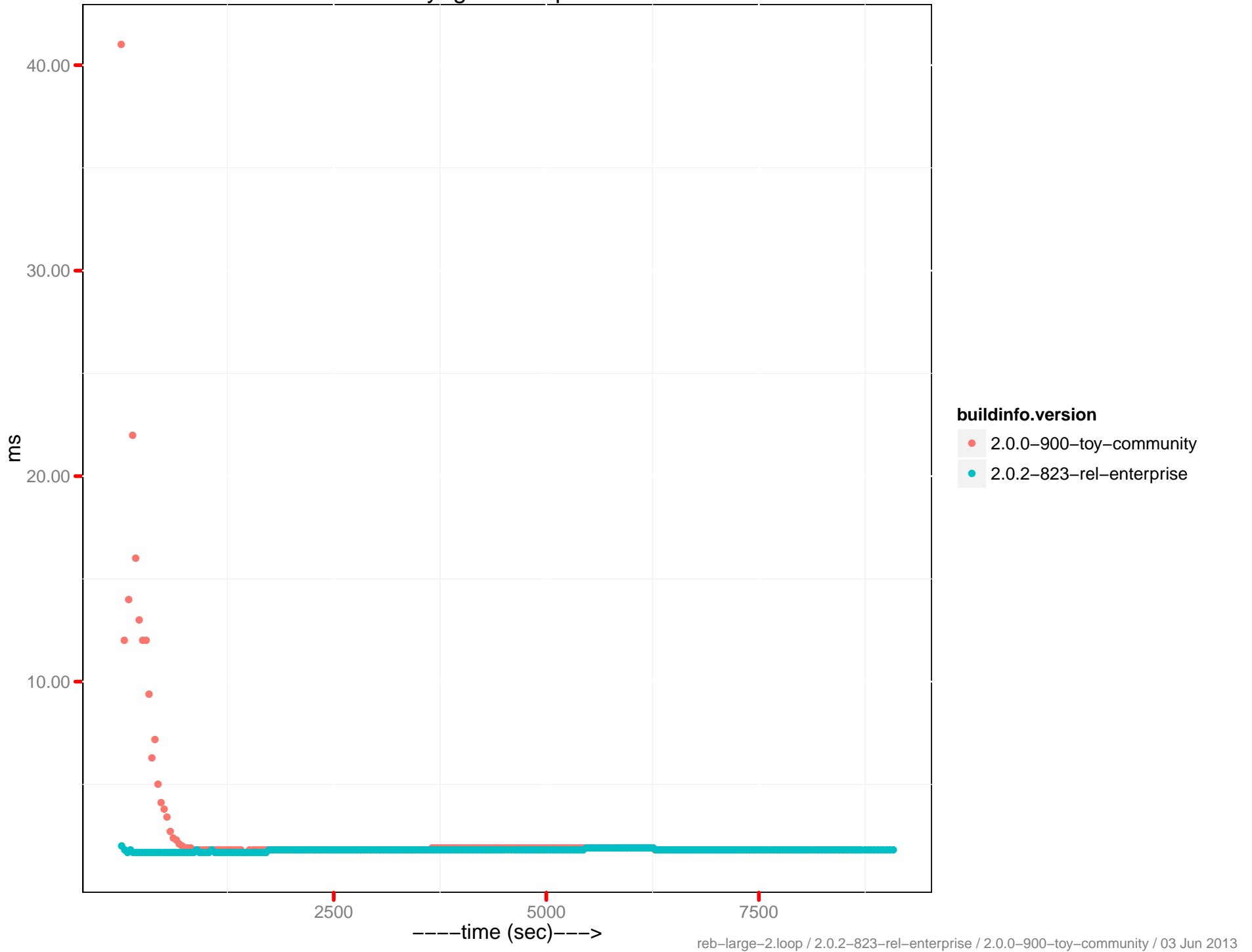
# Latency-get 90th percentile



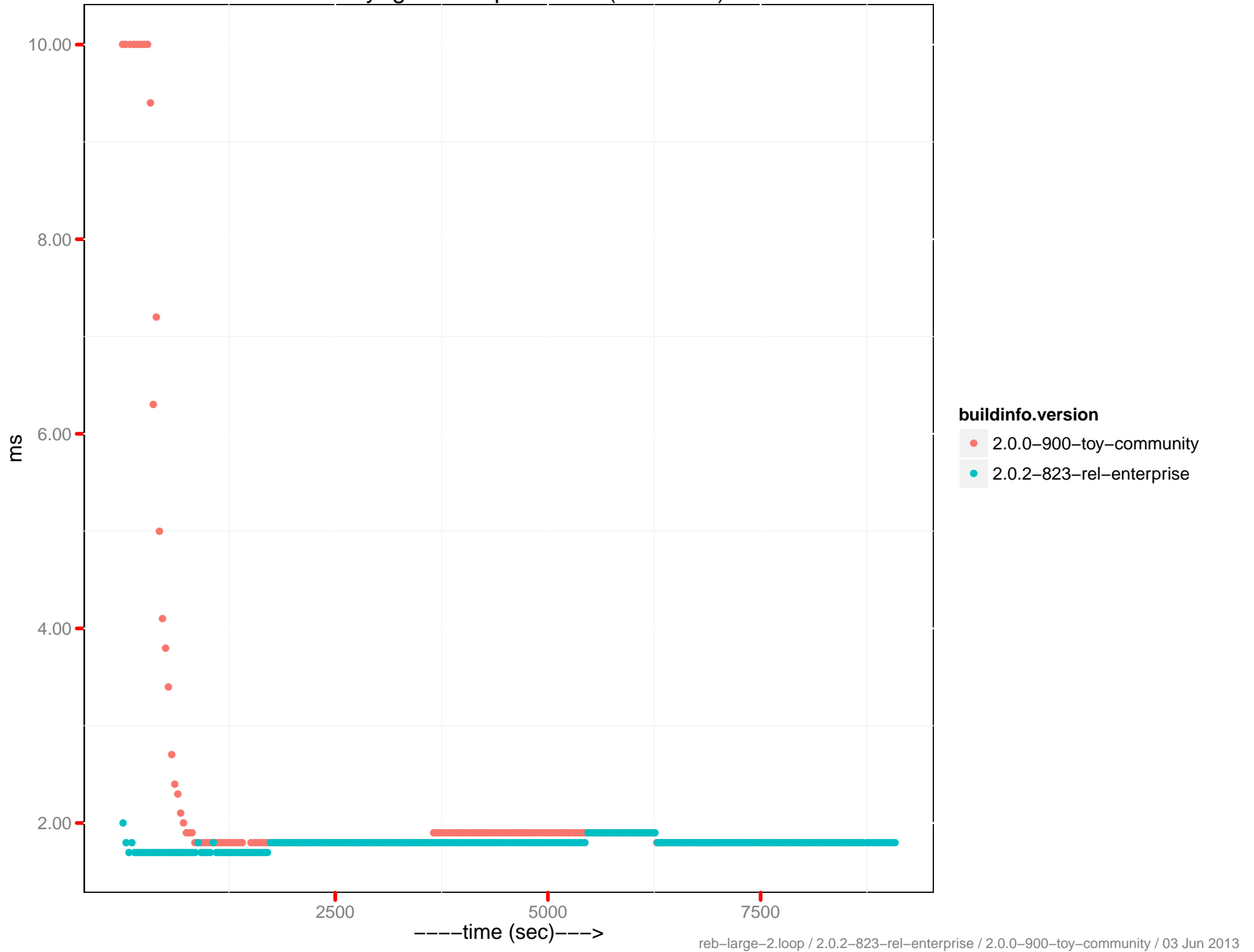
# Latency-get 90th percentile (0 - 10ms)



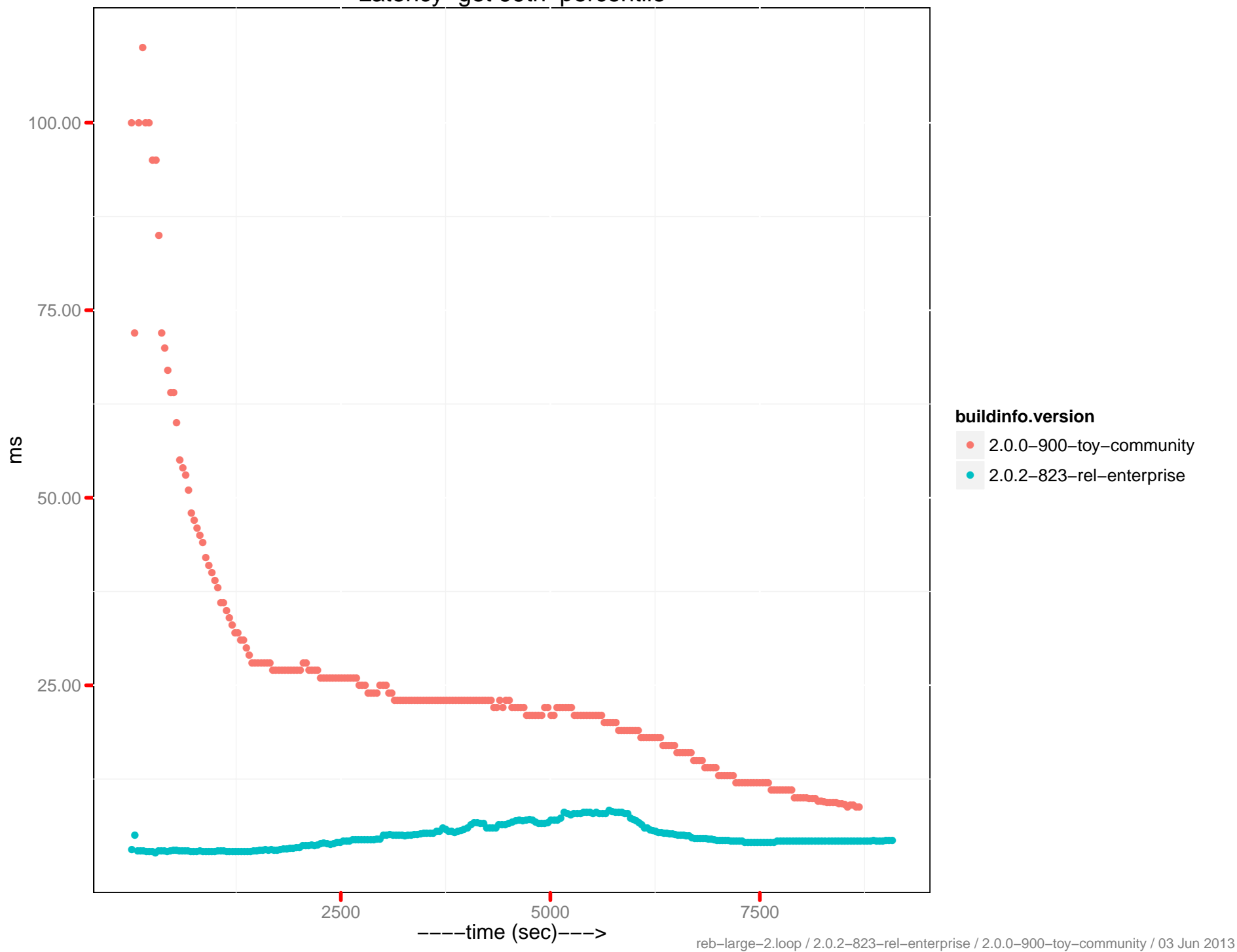
Latency-get 95th percentile



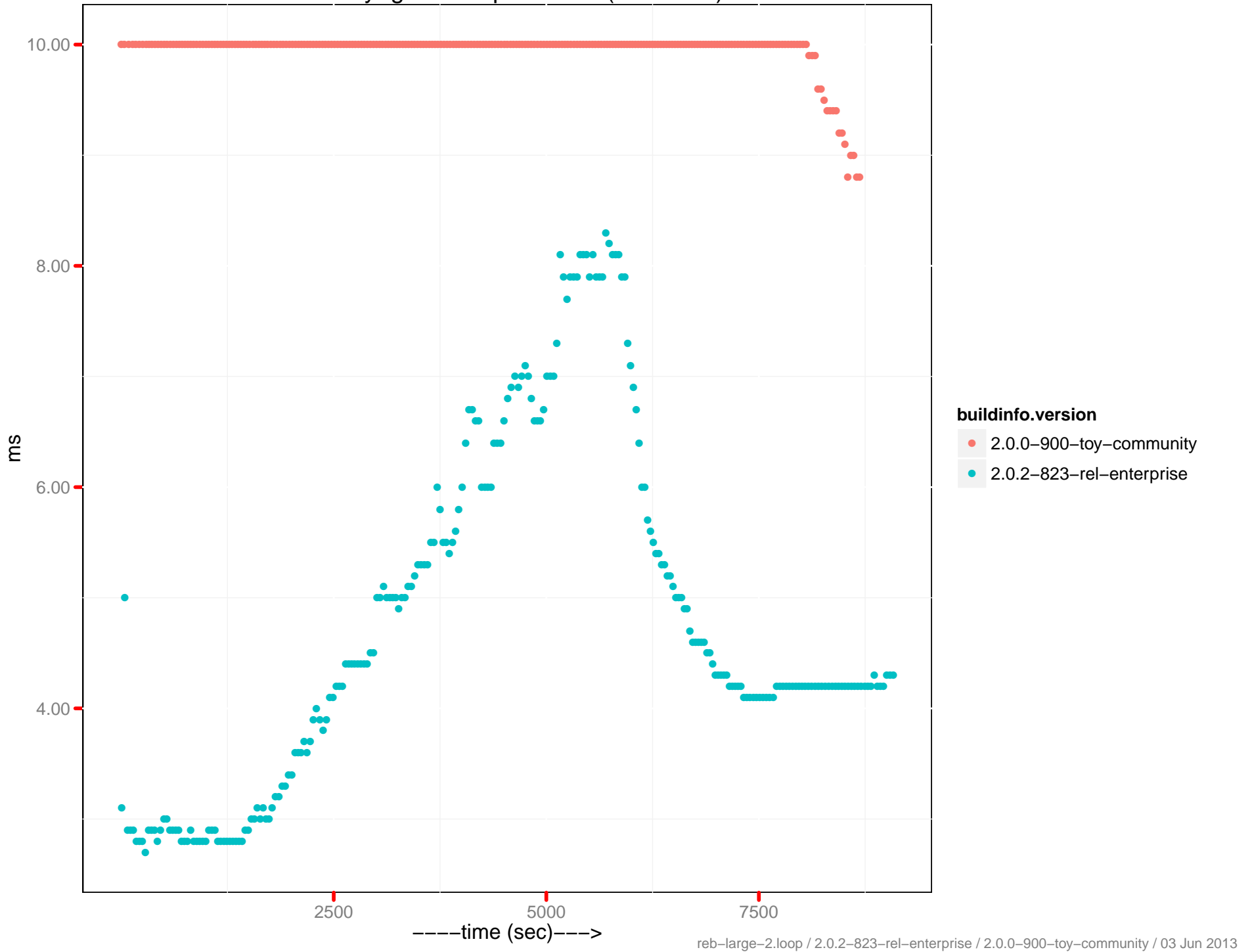
Latency-get 95th percentile (0 - 10ms)



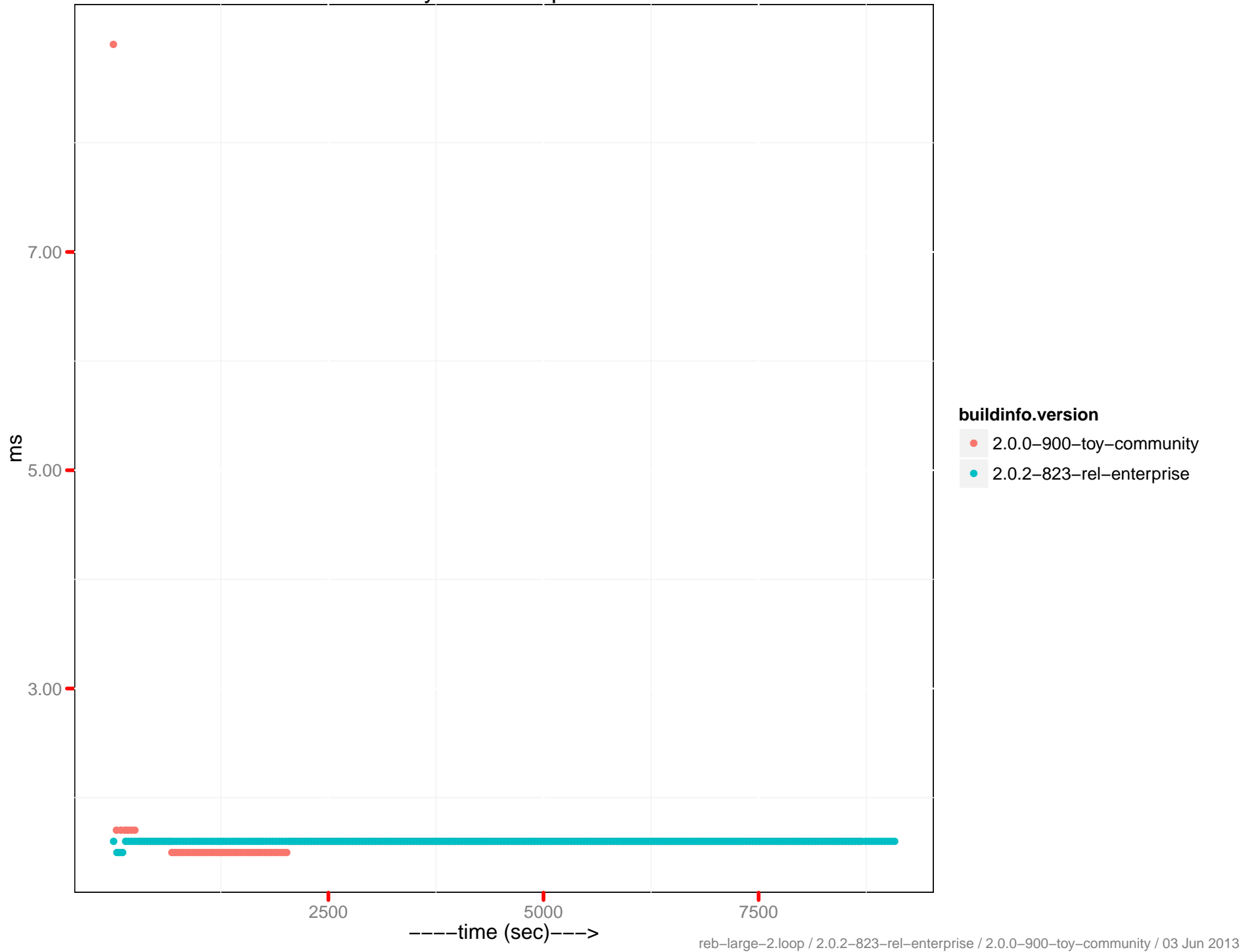
Latency-get 99th percentile



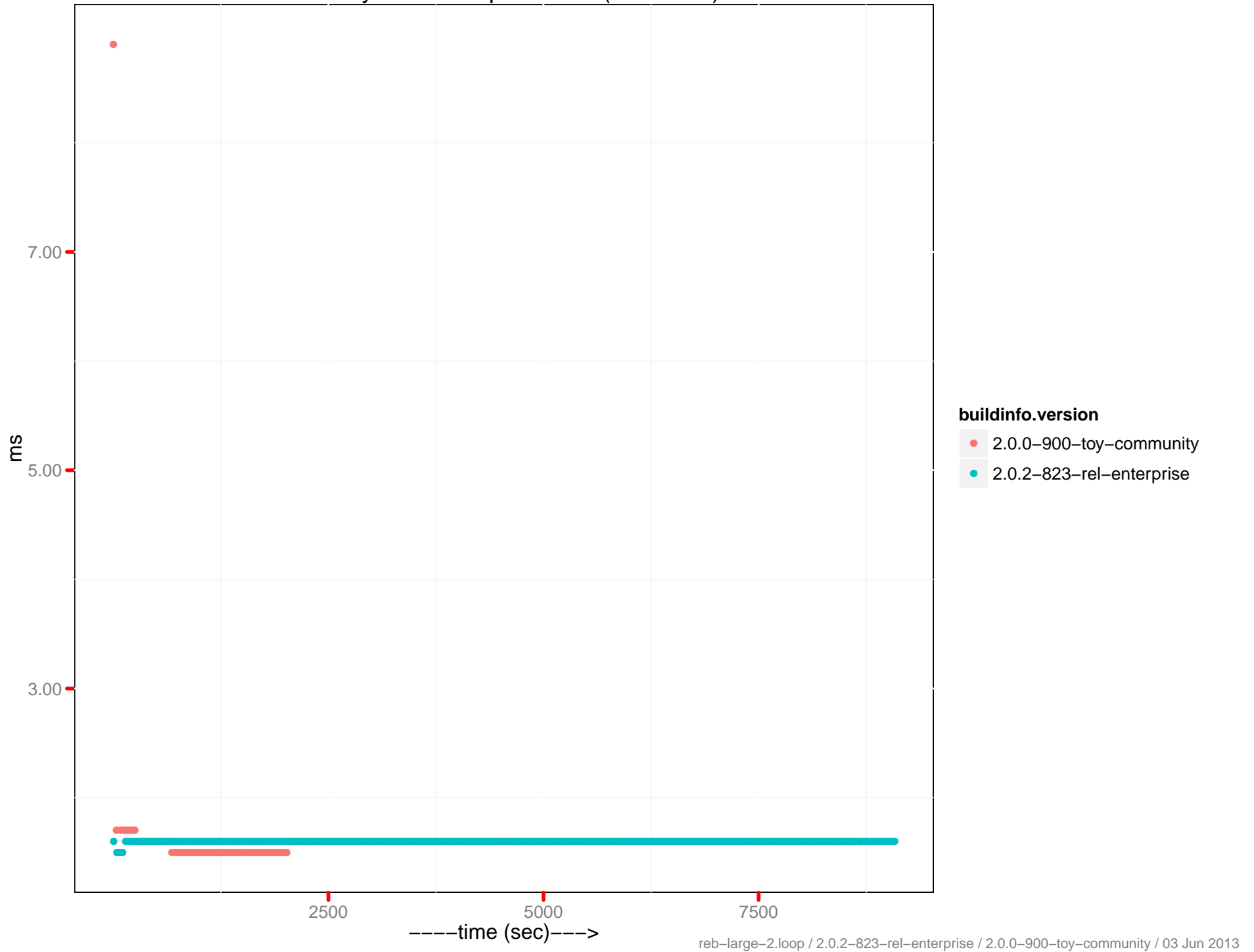
Latency-get 99th percentile (0 - 10ms)



# Latency-set 90th percentile

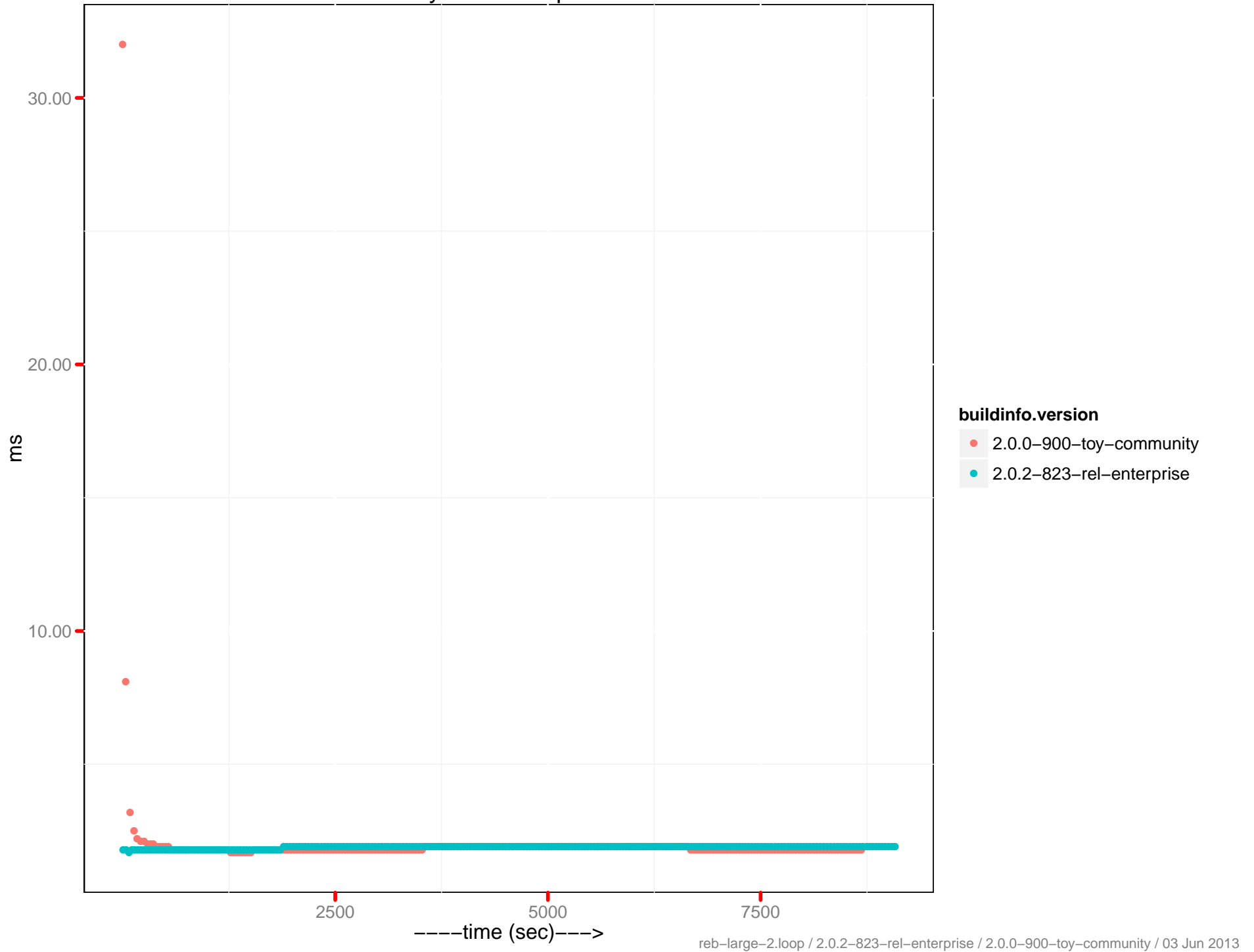


# Latency-set 90th percentile (0 - 10ms)

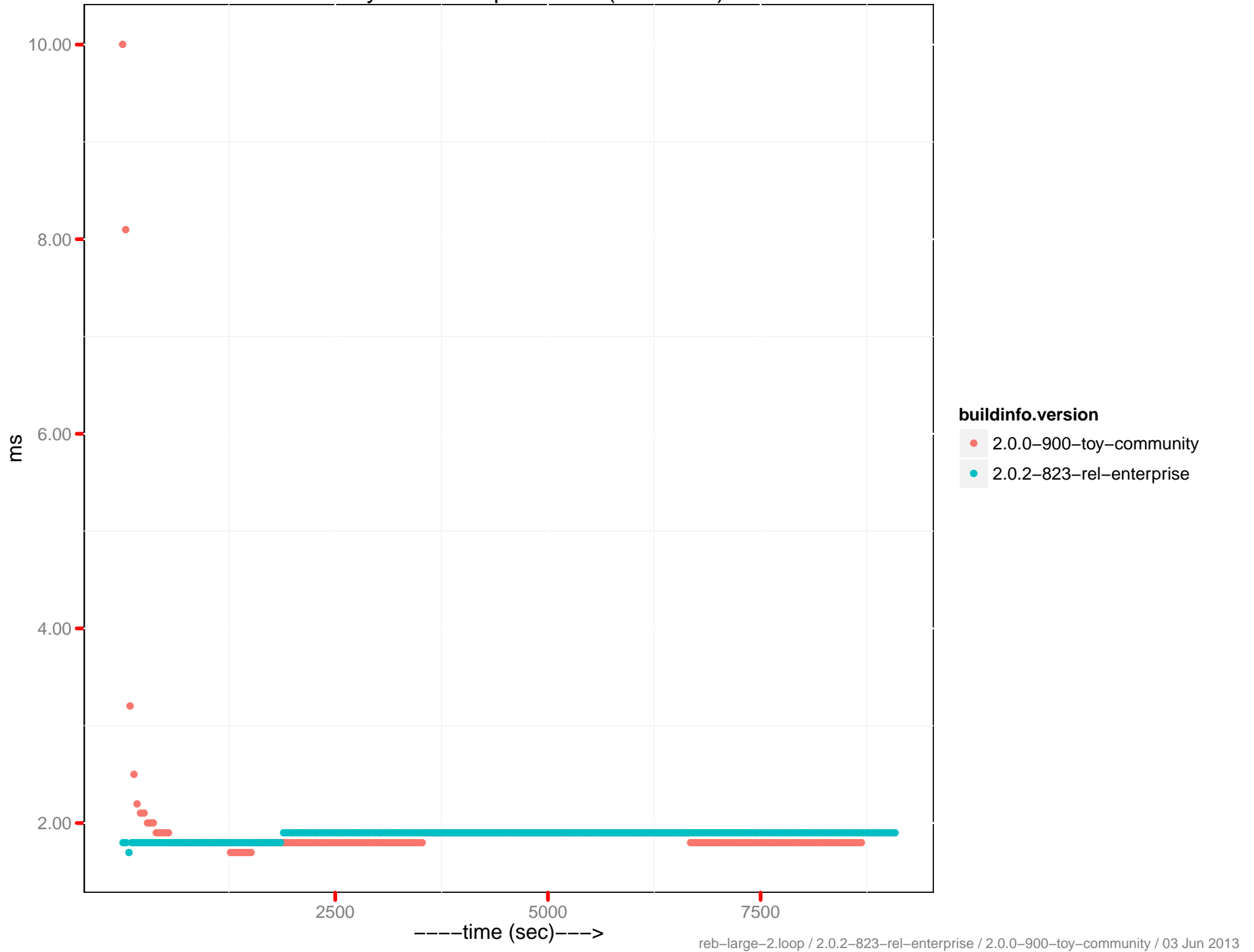




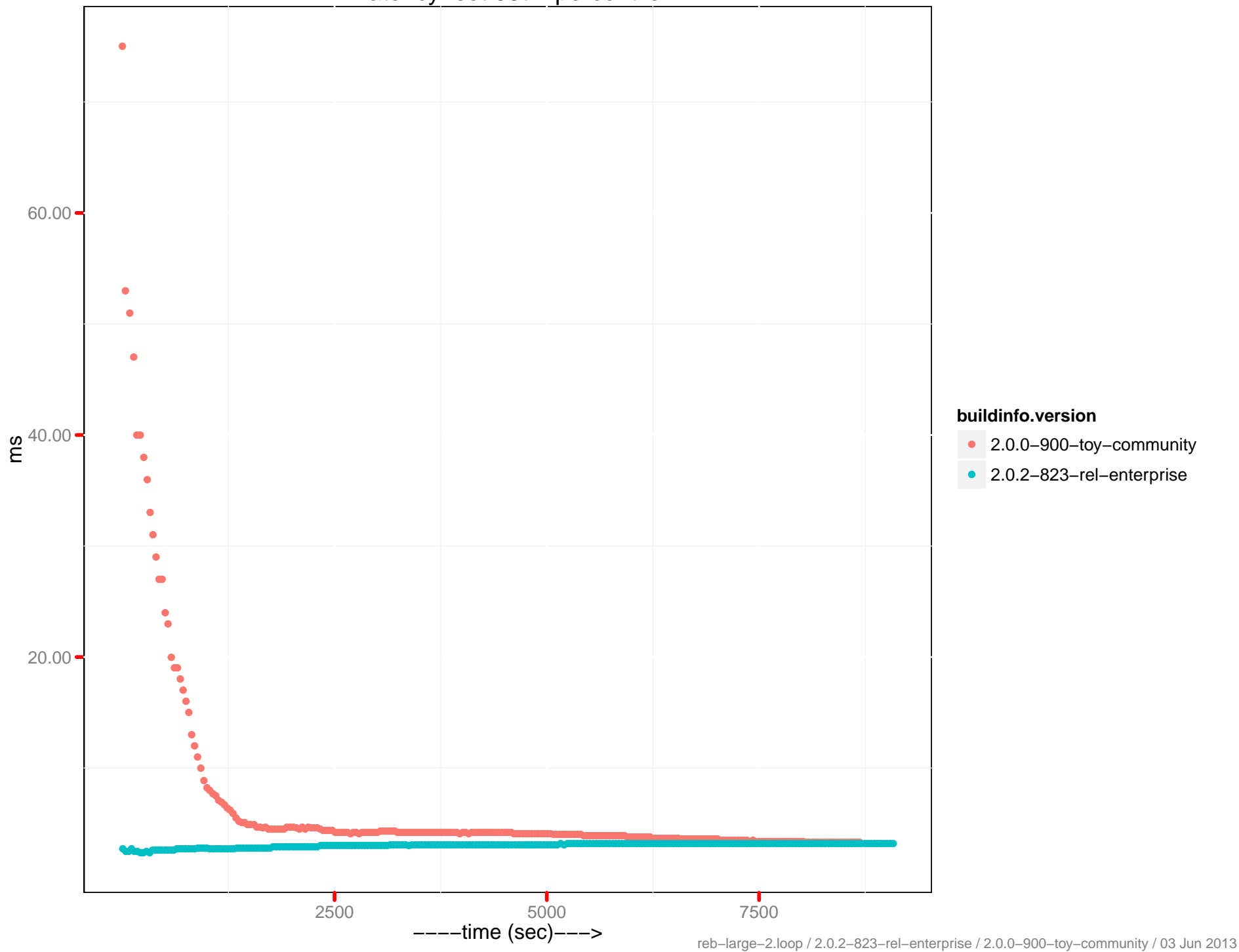
# Latency-set 95th percentile



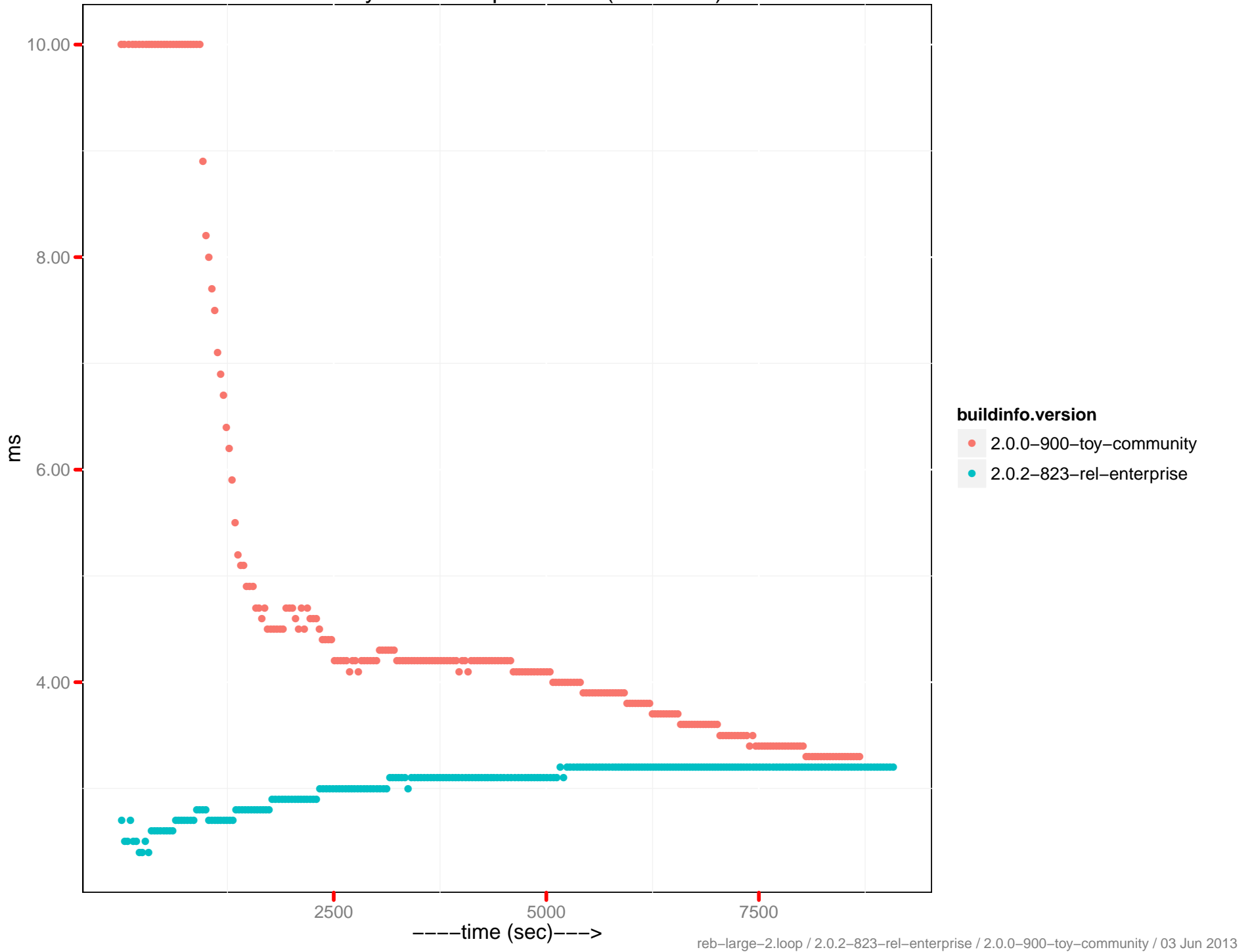
Latency-set 95th percentile (0 – 10ms)



Latency-set 99th percentile



Latency-set 99th percentile (0 - 10ms)



# Query throughput

