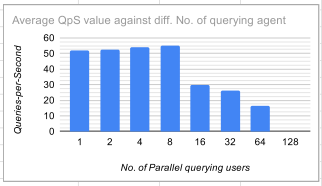
*Experiments performed with **One Billion** WatDiv triples*

Total No. of triples = 1099208068

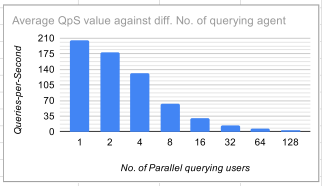
Fuseki-TDB triplestore with One Billion WatDiv triples

No. of users	Avg. QpS
1	51.75259654
2	52.41336216
4	53.88221631
8	55.25279365
16	29.91938289
32	26.2088098
64	16.22677363
128	0.1818122292



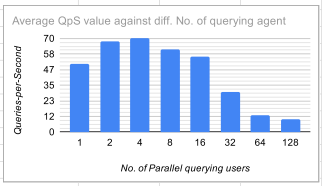
GraphDB triplestore with One Billion WatDiv triples

No. of users	Avg. QpS
1	205.0032222
2	177.8950444
4	130.7258333
8	62.3549075
16	30.35498694
32	14.84301361
64	7.338547267
128	3.650091448



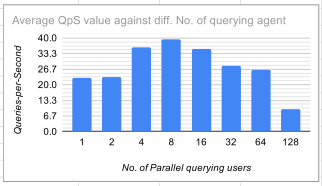
Virtuoso triplestore with One Billion WatDiv triples

No. of users	Avg. QpS
1	51.01432151
2	68.09348862
4	70.38881434
8	61.65186071
16	56.70830024
32	30.23438127
64	12.83521354
128	9.492063697



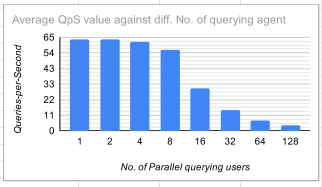
Parliament triplestore with One Billion WatDiv triples

No. of users	Avg. QpS
1	22.93430031
2	23.42427997
4	36.14302939
8	39.50433548
16	35.17395123
32	28.20577841
64	26.49634101
128	9.663162661



Blazegraph triplestore with One Billion WatDiv triples

No. of users	Avg. QpS
1	63.42979111
2	63.74408889
4	61.65314611
8	56.06644583
16	29.71194236
32	14.65615806
64	7.276044618
128	3.622554611



Average peak QpS value

	No. of triples	Virtuoso	Blazegraph	GraphDB	Fuseki-TDB	Parliament
WatDiv -10-M	10916697	154.4704384	62.82505778	264.5650222	79.66319033	44.10641762
WatDiv -100-M	108997714	62.13705287	62.83914506	217.6341201	41.48698011	32.19667146
DBpedia-FEASIBLE	129127835	63.55606042	50.1351843	235.8353882	90.75900124	70.9707374
WatDiv-One-Billion	1099208068	70.38881434	63.74408889	205.0032222	55.25279365	39.50433548
Average Peak QpS values ------>>>>>>		**87.63809151**	**59.88586901**	**230.7594382**	**66.79049133**	**46.69454049**

Ranking w.r.t. more number of parallel user support

Virtuoso	Blazegraph	GraphDB	Fuseki-TDB	Parliament
4	**2**	**1**	**8**	**8**

Area under the curver - showing the total throughput of the triplestores

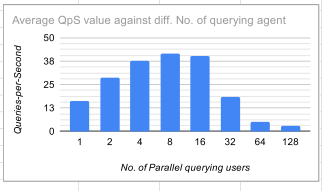
	Virtuoso	Blazegraph	GraphDB	Fuseki-TDB	Parliament
WatDiv -10-M	5819.68	1798.91	2398.83	5813.76	3748.17
WatDiv -100-M	2973.71	1781.7	2344.97	1675.74	2823.77
DBpedia-FEASIBLE	2655.48	1697.76	2387.05	1046.83	2759.59
WatDiv-One-Billion	3034.69	1822.15	2325.2	2370.41	3072.13
average	3620.89	1775.13	2364.0125	2726.685	3100.915

*Experiments performed with **100 Million** WatDiv triples*

Total No. of triples = 108997714

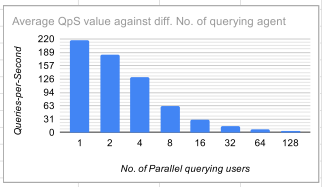
Fuseki-TDB triplestore with 100 Million WatDiv triples

No. of users	Avg. QpS
1	**16.3095428**
2	**28.77670422**
4	**37.78736138**
8	**41.48698011**
16	**40.34447653**
32	**18.23360583**
64	**4.993627483**
128	**3.147058622**



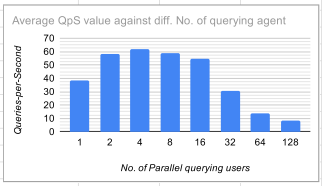
GraphDB triplestore with 100 Million WatDiv triples

No. of users	Avg. QpS
1	217.6341201
2	183.5967241
4	129.4290616
8	61.95552034
16	30.18507654
32	14.81914866
64	7.626667434
128	3.649265613



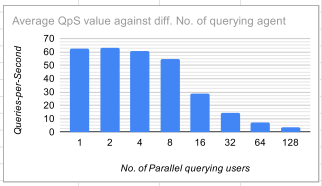
Virtuoso triplestore with 100 Million WatDiv triples

No. of users	Avg. QpS
1	38.3412067
2	58.04435443
4	62.13705287
8	59.01559342
16	54.46278621
32	30.7048864 9
64	13.89040382
128	8.429933982



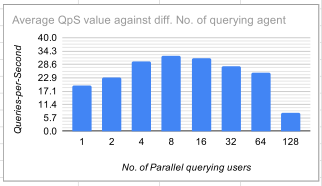
Blazegraph with 100 Million WatDiv triples

No. of users	Avg. QpS
1	62.68479733
2	62.83914506
4	60.72209216
8	54.70388662
16	29.07029715
32	14.29086078
64	7.101648079
128	3.531494306



Parliament with 100 Million WatDiv triples

No. of users	Avg. QpS
1	19.60483665
2	23.08719148
4	30.01362523
8	32.19667146
16	31.10030081
32	27.66459001
64	25.10139164
128	7.940519332

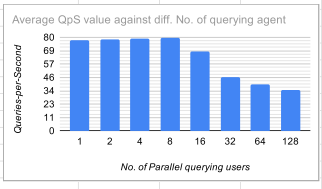


*Experiments performed with **10 Million** WatDiv triples*

Total No. of triples = 10916697

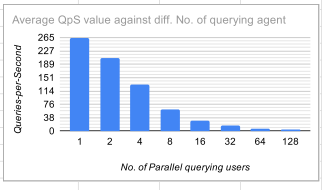
Fuseki-TDB with 10 Million WatDiv triples

No. of users	Avg. QpS
1	77.56748353
2	78.42221811
4	78.96294315
8	79.66319033
16	67.83030828
32	45.77410278
64	39.68819294
128	35.15310586



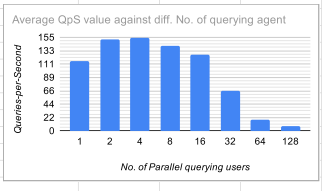
GraphDB with 10 Million WatDiv triples

No. of users	Avg. QpS
1	264.5650222
2	207.5436556
4	131.2120389
8	62.29706
16	30.27626667
32	14.82319604
64	7.332677285
128	3.649176554



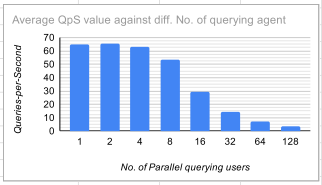
Virtuoso with 10 Million WatDiv triples

No. of users	Avg. QpS
1	116.1607752
2	151.8350287
4	154.4704384
8	141.1541021
16	126.3729429
32	66.36531086
64	17.94423411
128	7.90446276



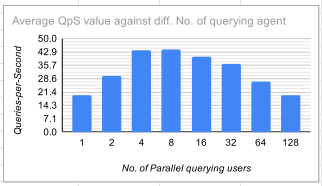
Blazegraph with 10 Million WatDiv triples

No. of users	Avg. QpS
1	64.97644889
2	65.17371222
4	62.82505778
8	53.16892556
16	29.34278069
32	14.46890799
64	7.214480563
128	3.609597972



Parliament with 10 Million WatDiv triples

No. of users	Avg. QpS
1	**19.50182444**
2	**30.09593308**
4	**43.75565654**
8	**44.10641762**
16	**40.49014998**
32	**36.31001464**
64	**27.14483123**
128	**19.90932635**

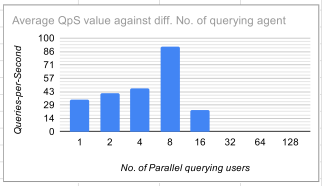


*Experiments performed with **DBpedia3.5.1** dataset and **FEASIBLE** queries*

Total No. of triples = 129127835

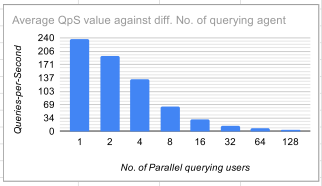
Fuseki-TDB triplestore with DBpedia3.5.1 dataset and FEASIBLE Benchmark queries

No. of users	Avg. QpS
1	34.27169184
2	41.49670581
4	46.13357544
8	90.75900124
16	23.32434839
32	0.184894513
64	0.000185155317 6
128	0.004903533091



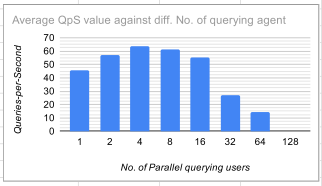
GraphDB triplestore with DBpedia3.5.1 dataset and FEASIBLE Benchmark queries

No. of users	Avg. QpS
1	235.8353882
2	193.9064886
4	133.0505018
8	63.32999485
16	30.75419777
32	14.96856267
64	7.371095872
128	3.657304746



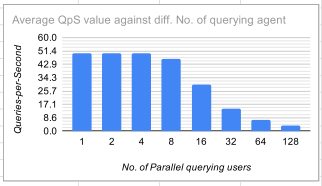
Virtuoso triplestore with DBpedia3.5.1 dataset and FEASIBLE Benchmark queries

No. of users	Avg. QpS
1	45.63916044
2	56.9115298
4	63.55606042
8	61.01260822
16	55.16773824
32	26.94847786
64	14.12900681
128	0.1120189665



Blazegraph triplestore with DBpedia3.5.1 dataset and FEASIBLE Benchmark queries

No. of users	Avg. QpS
1	49.81544106
2	50.1351843
4	49.75347163
8	46.55164917
16	29.81663116
32	14.5661498
64	7.222442265
128	3.5941258



Parliament triplestore with DBpedia3.5.1 dataset and FEASIBLE Benchmark queries

No. of users	Avg. QpS
1	31.01415589
2	44.33351153
4	58.11642384
8	70.9707374
16	65.35079034
32	37.9893386
64	7.901465722
128	0.06836329708