

Test machine: 8 GB Memory, 2 Cores CPU

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			Transactions	Availability	Elapsed time	Data transferred	Response time	Transaction rate	Throughput	Concurrency	Successful transactions:	Failed transactions	Longest transaction	Shortest transaction
PHP-FPM	PostgreSQL	No Index	154 hits	100.00 %	29.24 secs	0.00 MB	4.39 secs	5.27 trans/sec	0.00 MB/sec	23.14	154	0	6.04	0.62
		Indexed	166 hits	100.00 %	29.91 secs	0.00 MB	4.11 secs	5.55 trans/sec	0.00 MB/sec	22.81	166	0	6.26	2.91
	MariaDB	No Index	120 hits	100.00 %	29.70 secs	0.00 MB	5.60 secs	4.04 trans/sec	0.00 MB/sec	22.61	120	0	7.39	1.48
		Indexed	170 hits	100.00 %	29.79 secs	0.00 MB	3.98 secs	5.71 trans/sec	0.00 MB/sec	22.74	170	0	6.52	2.93
PHP-FPM + OpCache	PostgreSQL	No Index	762 hits	100.00 %	29.40 secs	0.00 MB	0.95 secs	25.92 trans/sec	0.00 MB/sec	24.56	762	0	2.02	0.74
		Indexed	1886 hits	100.00 %	29.08 secs	0.01 MB	0.38 secs	64.86 trans/sec	0.00 MB/sec	24.83	1886	0	1.21	0.27
	MariaDB	No Index	130 hits	100.00 %	29.85 secs	0.00 MB	5.12 secs	4.36 trans/sec	0.00 MB/sec	22.3	130	0	6.66	1.42
		Indexed	206 hits	100.00 %	29.50 secs	0.00 MB	3.38 secs	6.98 trans/sec	0.00 MB/sec	23.59	206	0	4.76	0.88
ReactPHP	PostgreSQL	No Index	399 hits	100.00 %	29.55 secs	0.00 MB	1.80 secs	13.50 trans/sec	0.00 MB/sec	24.31	399	0	2.7	0.83
		Indexed	16405 hits	100.00 %	29.17 secs	0.06 MB	0.04 secs	562.39 trans/sec	0.00 MB/sec	24.95	16405	0	1.05	0.02
	MariaDB	No Index	138 hits	100.00 %	29.38 secs	0.00 MB	4.85 secs	4.70 trans/sec	0.00 MB/sec	22.78	138	0	6.32	1.31
		Indexed	16390 hits	100.00 %	29.77 secs	0.06 MB	0.04 secs	550.55 trans/sec	0.00 MB/sec	22.65	16390	0	0.7	0.02
ReactPHP + OpCache	PostgreSQL	No Index	391 hits	100.00 %	29.16 secs	0.00 MB	1.81 secs	13.41 trans/sec	0.00 MB/sec	24.27	391	0	2.72	0.84
		Indexed	16394 hits	100.00 %	29.10 secs	0.06 MB	0.04 secs	563.37 trans/sec	0.00 MB/sec	23.32	16394	0	0.71	0.01
	MariaDB	No Index	141 hits	100.00 %	29.58 secs	0.00 MB	4.79 secs	4.77 trans/sec	0.00 MB/sec	22.84	141	0	6.1	1.36
		Indexed	16401 hits	100.00 %	29.33 secs	0.06 MB	0.04 secs	559.19 trans/sec	0.00 MB/sec	22.54	16401	0	0.94	0.01
ReactPHP Multi Instance(3)	PostgreSQL	No Index	991 hits	100.00 %	29.64 secs	0.00 MB	0.74 secs	33.43 trans/sec	0.00 MB/sec	24.68	991	0	1.06	0.09
		Indexed	16393 hits	100.00 %	29.99 secs	0.06 MB	0.04 secs	546.62 trans/sec	0.00 MB/sec	20.71	16393	0	1.34	0
	MariaDB	No Index	99 hits	100.00 %	29.40 secs	0.00 MB	6.57 secs	3.37 trans/sec	0.00 MB/sec	22.11	99	0	9.37	2.52
		Indexed	16386 hits	100.00 %	29.89 secs	0.06 MB	0.04 secs	548.18 trans/sec	0.00 MB/sec	22.23	16386	0	1.16	0

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			Transactions	Availability	Elapsed time	Data transferred	Response time	Transaction rate	Throughput	Concurrency	Successful transactions:	Failed transactions	Longest transaction	Shortest transaction
PHP-FPM	PostgreSQL	No Index	164 hits	100.00 %	29.20 secs	0.00 MB	12.38 secs	5.62 trans/sec	0.00 MB/sec	69.53	164	0	18.07	0.65
		Indexed	182 hits	100.00 %	29.74 secs	0.00 MB	11.98 secs	6.12 trans/sec	0.00 MB/sec	73.31	182	0	16.54	0.49
	MariaDB	No Index	135 hits	100.00 %	29.99 secs	0.00 MB	14.01 secs	4.50 trans/sec	0.00 MB/sec	63.05	135	0	22.34	0.67
		Indexed	212 hits	100.00 %	29.86 secs	0.00 MB	10.71 secs	7.10 trans/sec	0.00 MB/sec	76.04	212	0	14.15	0.46
PHP-FPM + OpCache	PostgreSQL	No Index	819 hits	100.00 %	29.01 secs	0.00 MB	3.33 secs	28.23 trans/sec	0.00 MB/sec	94.07	819	0	3.85	0.14
		Indexed	2084 hits	100.00 %	29.08 secs	0.01 MB	1.36 secs	71.66 trans/sec	0.00 MB/sec	97.55	2084	0	1.6	0.05
	MariaDB	No Index	134 hits	100.00 %	29.93 secs	0.00 MB	13.99 secs	4.48 trans/sec	0.00 MB/sec	62.64	134	0	22.46	0.84
		Indexed	212 hits	100.00 %	29.99 secs	0.00 MB	10.75 secs	7.07 trans/sec	0.00 MB/sec	76.03	212	0	14.4	0.53
ReactPHP	PostgreSQL	No Index	453 hits	100.00 %	29.46 secs	0.00 MB	5.79 secs	15.38 trans/sec	0.00 MB/sec	88.96	453	0	6.66	0.14
		Indexed	16487 hits	100.00 %	29.29 secs	0.06 MB	0.18 secs	562.89 trans/sec	0.00 MB/sec	98.53	16487	0	0.29	0.01
	MariaDB	No Index	142 hits	100.00 %	29.41 secs	0.00 MB	13.47 secs	4.83 trans/sec	0.00 MB/sec	65.04	142	0	20.64	1.43
		Indexed	16481 hits	100.00 %	29.27 secs	0.06 MB	0.17 secs	563.07 trans/sec	0.00 MB/sec	93	16481	0	1.2	0.01
ReactPHP + OpCache	PostgreSQL	No Index	455 hits	100.00 %	29.54 secs	0.00 MB	5.79 secs	15.40 trans/sec	0.00 MB/sec	89.13	455	0	6.66	0.27
		Indexed	16450 hits	100.00 %	29.25 secs	0.06 MB	0.17 secs	562.39 trans/sec	0.00 MB/sec	94.75	16450	0	0.31	0.01
	MariaDB	No Index	143 hits	100.00 %	29.40 secs	0.00 MB	13.55 secs	4.86 trans/sec	0.00 MB/sec	65.88	143	0	20.65	1.44
		Indexed	16475 hits	100.00 %	29.20 secs	0.06 MB	0.16 secs	564.21 trans/sec	0.00 MB/sec	90.04	16475	0	0.31	0.01
ReactPHP Multi Instance(3)	PostgreSQL	No Index	1051 hits	100.00 %	29.18 secs	0.00 MB	2.64 secs	36.02 trans/sec	0.00 MB/sec	95.14	1051	0	3.16	0.1
		Indexed	16450 hits	100.00 %	29.30 secs	0.06 MB	0.14 secs	561.43 trans/sec	0.00 MB/sec	76.51	16450	0	0.42	0
	MariaDB	No Index	99 hits	100.00 %	29.20 secs	0.00 MB	15.20 secs	3.39 trans/sec	0.00 MB/sec	51.53	99	0	29.16	0.85
		Indexed	16471 hits	100.00 %	29.21 secs	0.06 MB	0.14 secs	563.88 trans/sec	0.00 MB/sec	76.83	16471	0	1.35	0

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			Transactions	Availability	Elapsed time	Data transferred	Response time	Transaction rate	Throughput	Concurrency	Successful transactions:	Failed transactions	Longest transaction	Shortest transaction
PHP-FPM	PostgreSQL	No Index	149 hits	100.00 %	29.16 secs	0.00 MB	8.26 secs	5.11 trans/sec	0.00 MB/sec	42.19	149	0	11.14	0.52
		Indexed	183 hits	100.00 %	29.57 secs	0.00 MB	6.97 secs	6.19 trans/sec	0.00 MB/sec	43.15	183	0	8.41	0.5
	MariaDB	No Index	133 hits	100.00 %	30.00 secs	0.00 MB	9.11 secs	4.43 trans/sec	0.00 MB/sec	40.4	133	0	11.76	0.67
		Indexed	197 hits	100.00 %	29.81 secs	0.00 MB	6.68 secs	6.61 trans/sec	0.00 MB/sec	44.15	197	0	8.68	0.56
PHP-FPM + OpCache	PostgreSQL	No Index	852 hits	100.00 %	29.20 secs	0.00 MB	1.67 secs	29.18 trans/sec	0.00 MB/sec	48.59	852	0	2.01	0.12
		Indexed	2035 hits	100.00 %	29.22 secs	0.01 MB	0.71 secs	69.64 trans/sec	0.00 MB/sec	49.35	2035	0	0.9	0.04
	MariaDB	No Index	135 hits	100.00 %	29.18 secs	0.00 MB	8.78 secs	4.63 trans/sec	0.00 MB/sec	40.62	135	0	11.34	0.77
		Indexed	199 hits	100.00 %	29.09 secs	0.00 MB	6.40 secs	6.84 trans/sec	0.00 MB/sec	43.8	199	0	8.35	0.52
ReactPHP	PostgreSQL	No Index	461 hits	100.00 %	29.55 secs	0.00 MB	3.03 secs	15.60 trans/sec	0.00 MB/sec	47.2	461	0	3.36	0.21
		Indexed	16441 hits	100.00 %	29.26 secs	0.06 MB	0.08 secs	561.89 trans/sec	0.00 MB/sec	46.2	16441	0	0.17	0
	MariaDB	No Index	145 hits	100.00 %	29.46 secs	0.00 MB	8.47 secs	4.92 trans/sec	0.00 MB/sec	41.67	145	0	10.38	0.22
		Indexed	16433 hits	100.00 %	29.37 secs	0.06 MB	0.08 secs	559.52 trans/sec	0.00 MB/sec	44.24	16433	0	0.16	0.01
ReactPHP + OpCache	PostgreSQL	No Index	452 hits	100.00 %	29.49 secs	0.00 MB	3.08 secs	15.33 trans/sec	0.00 MB/sec	47.26	452	0	3.43	0.21
		Indexed	16412 hits	100.00 %	29.25 secs	0.06 MB	0.08 secs	561.09 trans/sec	0.00 MB/sec	46.07	16412	0	0.17	0
	MariaDB	No Index	144 hits	100.00 %	29.41 secs	0.00 MB	8.44 secs	4.93 trans/sec	0.00 MB/sec	41.33	144	0	10.42	0.63
		Indexed	16455 hits	100.00 %	29.34 secs	0.06 MB	0.08 secs	560.84 trans/sec	0.00 MB/sec	44.21	16455	0	1.05	0.01
ReactPHP Multi Instance(3)	PostgreSQL	No Index	1073 hits	100.00 %	29.18 secs	0.00 MB	1.32 secs	36.77 trans/sec	0.00 MB/sec	48.7	1073	0	1.73	0.08
		Indexed	16418 hits	100.00 %	29.19 secs	0.06 MB	0.07 secs	562.45 trans/sec	0.00 MB/sec	38.09	16418	0	0.25	0
	MariaDB	No Index	100 hits	100.00 %	29.17 secs	0.00 MB	10.92 secs	3.43 trans/sec	0.00 MB/sec	37.44	100	0	15.1	0.83
		Indexed	16417 hits	100.00 %	29.21 secs	0.06 MB	0.07 secs	562.03 trans/sec	0.00 MB/sec	37.71	16417	0	1.09	0

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			Transactions	Availability	Elapsed time	Data transferred	Response time	Transaction rate	Throughput	Concurrency	Successful transactions:	Failed transactions	Longest transaction	Shortest transaction
PHP-FPM	PostgreSQL	No Index	157 hits	100.00 %	29.15 secs	0.00 MB	14.34 secs	5.39 trans/sec	0.00 MB/sec	77.22	157	0	28.24	0.66
		Indexed	184 hits	100.00 %	30.01 secs	0.00 MB	15.12 secs	6.13 trans/sec	0.00 MB/sec	92.72	184	0	29.91	0.65
	MariaDB	No Index	128 hits	100.00 %	29.92 secs	0.00 MB	15.47 secs	4.28 trans/sec	0.00 MB/sec	66.19	128	0	29.85	0
		Indexed	207 hits	100.00 %	29.82 secs	0.00 MB	14.74 secs	6.94 trans/sec	0.00 MB/sec	102.32	207	0	28.61	0.57
PHP-FPM + OpCache	PostgreSQL	No Index	829 hits	100.00 %	29.10 secs	0.00 MB	6.10 secs	28.49 trans/sec	0.00 MB/sec	173.88	829	0	7.47	0.15
		Indexed	2140 hits	100.00 %	29.94 secs	0.01 MB	2.66 secs	71.48 trans/sec	0.00 MB/sec	189.8	2140	0	3.03	0.09
	MariaDB	No Index	130 hits	100.00 %	29.89 secs	0.00 MB	15.17 secs	4.35 trans/sec	0.00 MB/sec	66	130	0	29.71	0.85
		Indexed	208 hits	100.00 %	30.00 secs	0.00 MB	14.64 secs	6.93 trans/sec	0.00 MB/sec	101.52	208	0	28.92	0.55
ReactPHP	PostgreSQL	No Index	459 hits	100.00 %	29.50 secs	0.00 MB	10.08 secs	15.56 trans/sec	0.00 MB/sec	156.9	459	0	12.95	0.22
		Indexed	16644 hits	100.00 %	29.30 secs	0.06 MB	0.34 secs	568.05 trans/sec	0.00 MB/sec	192.32	16644	0	0.61	0.01
	MariaDB	No Index	147 hits	100.00 %	29.50 secs	0.00 MB	14.94 secs	4.98 trans/sec	0.00 MB/sec	74.46	147	0	29.47	0.23
		Indexed	16577 hits	100.00 %	29.32 secs	0.06 MB	0.33 secs	565.38 trans/sec	0.00 MB/sec	188.84	16577	0	1.39	0.01
ReactPHP + OpCache	PostgreSQL	No Index	453 hits	100.00 %	29.53 secs	0.00 MB	10.23 secs	15.34 trans/sec	0.00 MB/sec	156.94	453	0	13.31	0.13
		Indexed	16560 hits	100.00 %	29.27 secs	0.06 MB	0.32 secs	565.77 trans/sec	0.00 MB/sec	182.11	16560	0	0.47	0.01
	MariaDB	No Index	142 hits	100.00 %	29.32 secs	0.00 MB	14.89 secs	4.84 trans/sec	0.00 MB/sec	72.13	142	0	29.29	0
		Indexed	16557 hits	100.00 %	29.33 secs	0.06 MB	0.33 secs	564.51 trans/sec	0.00 MB/sec	184.2	16557	0	1.32	0.01
ReactPHP Multi Instance(3)	PostgreSQL	No Index	1087 hits	100.00 %	29.22 secs	0.00 MB	4.89 secs	37.20 trans/sec	0.00 MB/sec	181.8	1087	0	5.76	0.18