



wa-sqlite benchmarks

See [discussion post](#) for details.

```
-- Pre-run setup
PRAGMA journal_mode=delete;
```

Start

Test	default	Memory (sync)	Memory (async)	MemoryAsync	IndexedDB
Test 1: 1000 INSERTs (very slow on IDB)	0.168 s	0.072 s	0.1 s	0.276 s	9.67 s
Test 2: 25000 INSERTs in a transaction	0.444 s	0.323 s	0.544 s	0.623 s	0.709 s
Test 3: 25000 INSERTs into an indexed table	0.454 s	0.425 s	0.68 s	0.725 s	0.905 s
Test 4: 100 SELECTs without an index	0.212 s	0.259 s	0.371 s	0.343 s	0.421 s
Test 5: 100 SELECTs on a string comparison	0.698 s	0.735 s	0.923 s	0.95 s	0.908 s
Test 6: Creating an index	0.025 s	0.024 s	0.038 s	0.038 s	0.063 s
Test 7: 5000 SELECTs with an index	0.101 s	0.108 s	0.192 s	0.194 s	0.214 s
Test 8: 1000 UPDATEs without an index	0.076 s	0.075 s	0.141 s	0.13 s	0.173 s
Test 9: 25000 UPDATEs with an index	0.543 s	0.525 s	1.004 s	1.056 s	1.357 s
Test 10: 25000 text UPDATEs with an index	0.504 s	0.587 s	0.872 s	1.018 s	1.124 s
Test 11: INSERTs from a SELECT	0.11 s	0.082 s	0.122 s	0.147 s	0.674 s
Test 12: DELETE without an index	0.054 s	0.038 s	0.052 s	0.114 s	2.188 s
Test 13: DELETE with an index	0.069 s	0.065 s	0.095 s	0.121 s	0.437 s
Test 14: A big INSERT after a big DELETE	0.063 s	0.069 s	0.088 s	0.112 s	0.365 s

Test	default	Memory (sync)	Memory (async)	MemoryAsync	IndexedDB
Test 15: A big DELETE followed by many small INSERTs	0.152 s	0.151 s	0.265 s	0.29 s	0.502 s
Test 16: DROP TABLE	0.03 s	0.03 s	0.041 s	0.046 s	0.321 s