

Testy i ich wyniki znalezione w sieci:

| Zapis | | | | Odczyt | | | |
|--|-------|---------|-----------|--|------|---------|-----------|
| | JDBC | MyBatis | Hibernate | | JDBC | MyBatis | Hibernate |
| próba 1 | 32 ms | 87 ms | 121 ms | próba 1 | 6 ms | 11 ms | 100 ms |
| próba 2 | 18 ms | 24 ms | 47 ms | próba 2 | 0 ms | 3 ms | 5 ms |
| próba 3 | 13 ms | 15 ms | 38 ms | próba 3 | 0 ms | 2 ms | 5 ms |
| próba 4 | 10 ms | 16 ms | 34 ms | próba 4 | 1 ms | 2 ms | 3 ms |
| próba 5 | 10 ms | 11 ms | 42 ms | próba 5 | 0 ms | 1 ms | 3 ms |
| Średnio: | | | | Średnio: | | | |
| ◦ MyBatis wydajniejsze od Hibernate o 46% | | | | ◦ MyBatis wydajniejsze od Hibernate o 84% | | | |
| ◦ JDBC wydajniejsze od Hibernate o 71% | | | | ◦ JDBC wydajniejsze od Hibernate o 94% | | | |
| ◦ JDBC wydajniejsze od MyBatis o 46% | | | | ◦ JDBC wydajniejsze od MyBatis o 63% | | | |

<https://bykowski.pl/mybatis-lekka-i-wydana-alternatywa-dla-hibernate/>

| | A | B | C | D |
|----|---------------------|-----------------|-----------------|-------|
| 1 | function | session factory | insert (2 rows) | total |
| 2 | jdbc | 181 | 48 | 229 |
| 3 | mybatis | 188 | 255 | 443 |
| 4 | hibernate | 764 | 137 | 901 |
| 5 | | | | |
| 6 | | | | |
| 7 | function | session factory | select(58 rows) | total |
| 8 | jdbc | 180 | 11 | 191 |
| 9 | mybatis | 187 | 226 | 413 |
| 10 | hibernate | 755 | 185 | 940 |
| 11 | hibernate Sql Query | 761 | 109 | 870 |
| 12 | | | 349 rows | |
| 13 | jdbc | 180 | 26 | 206 |
| 14 | mybatis | 188 | 258 | 446 |
| 15 | hibernate | 757 | 226 | 983 |
| 16 | hibernate Sql Query | 762 | 126 | 888 |

<https://www.programmersought.com/article/38921710283/>

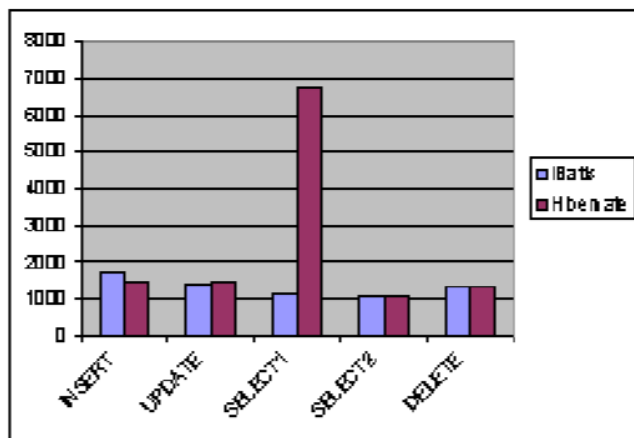


Figure 7: 1 Thread 5000 records 10 iterations

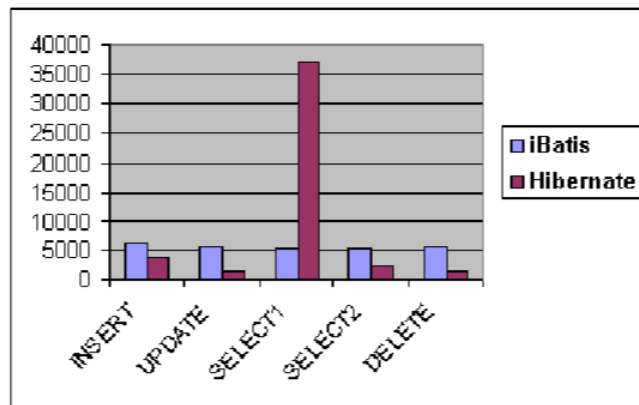


Figure 8: 5 Threads 5000 records 10 iterations

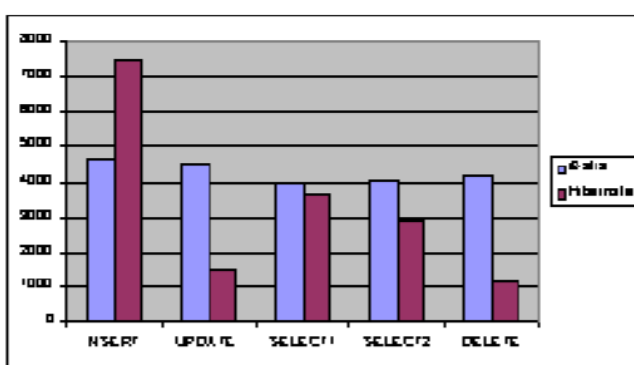


Figure 9: 50 Threads 5000 records 10 iterations

<https://arxiv.org/ftp/arxiv/papers/0710/0710.1404.pdf>

Testy do przeprowadzenia:

- INSERT
- UPDATE
- SELECT
- powtórny SELECT (testowanie pamięci cache)
- DELETE