

TokuMX – High-Performance MongoDB from Tokutek

TokuMX™ is an open source, high-performance distribution of MongoDB. It is a drop-in replacement and can be used “as is” with no changes required to existing MongoDB applications. On average, TokuMX offers **20X** performance improvements, **90%** compression, significantly reduced write-amplification, as well as support for **ACID** transactions with **MVCC**.

Companies such as MaxCDN, Brightcove and Crowdtap leverage these TokuMX improvements to basic MongoDB for their big data applications.

Benefits for Developers include:

- Works with existing MongoDB drivers & APIs
- Transaction via proven standards – not tedious workarounds
- Compression & performance improvements that improve CSAT

Benefits for DevOps

- Use fewer servers; avoid upgrades
- 90% compression = less flash
- Write-optimization that extends disk life
- Scalability w/o losing data integrity

Because TokuMX supports the same language interfaces as MongoDB, applications built for MongoDB work instantly with TokuMX. Moreover, by replacing 40-year-old B-tree indexing with patented Fractal Tree® indexing technology, TokuMX dramatically improves performance while increasing compression and adding support for transactions.

Tokutek offers the same database enhancements for MySQL with its TokuDB product.