

# MySQL and Memcached

Memcached increases the performance and scalability of dynamic MySQL-driven websites by caching data and objects in memory in order to minimize database load. The biggest names on the web, like YouTube, Facebook, Fotolog and Wikipedia deploy Memcached and MySQL to satisfy the demands of millions of users and billions of page views every month.

*"Memcached has been a crucial component of Fotolog's Web 2.0 architecture, allowing us to become one of the top online destinations — serving billions of page views per month since 2006."*

**Farhan "Frank" Mashraqi, Director of Business Operations and Technical Strategy**  
Fotolog Inc

Memcached and MySQL enables organizations to:

- Implement a scalable, high performance data caching solution for their online applications
- Reduce database Total Cost of Ownership (TCO) by eliminating licensing costs for proprietary data caching software
- Reduce system TCO by making better use of resources like idle or spare RAM on existing systems
- Incrementally add/remove data caching capacity, on-demand to quickly meet changing requirements.

**Download the White Paper: [Designing and Implementing Scalable Applications with Memcached and MySQL](#) »**

## High Performance Data Caching

Memcached combined with MySQL Replication, is an excellent solution for improving application performance and leveraging scale out architectures at the same time.

## On-Demand Scalability

Memcached can be incrementally scaled out in an on-demand fashion. Because Memcached can scale to support dozens of nodes with minimal overhead, anywhere spare memory resources exist is an opportunity to scale your application even further. Memcached is designed as a non-blocking event-based server with no special networking or interconnect requirements.

## Additional Resources

### White Papers

- [Designing and Implementing Scalable Applications with Memcached and MySQL](#) »

### Community Resources

- [Memcached Wiki](#) »