

**Memcached** is an in-memory key-value store for small chunks of arbitrary data (strings, objects) from results of database calls, API calls, or page rendering.

**MEMCACHED**

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1. Fetch data from cache - cache hit

**Cache**

**Application Server**

**Eviction Policy**

(When and which data need do we need to remove from the cache)

1. LRU: Least Recently Used
2. Least Frequently Used
3. Most Recently Used
4. Random Replacement
5. Persists the data from DB in cache
6. Fetch data from DB in case of catch miss

**Database**

1. Return data to the server