The `innodb_api_disable_rowlock` option is not dynamic. It must be specified at startup on the `mysqld` command line or entered in a MySQL configuration file.

Allowing or Disallowing DDL

By default, you can perform DDL operations such as `ALTER TABLE` on tables used by the `daemon_memcached` plugin. To avoid potential slowdowns when these tables are used for high-throughput applications, disable DDL operations on these tables by enabling `innodb_api_enable_mdl` at startup. This option is less appropriate when accessing the same tables through both `memcached` and SQL, because it blocks `CREATE INDEX` statements on the tables, which could be important for running reporting queries.

Storing Data on Disk, in Memory, or Both

The `innodb_memcache.cache_policies` table specifies whether to store data written through the `memcached` interface to disk (`innodb_only`, the default); in memory only, as with traditional `memcached` (`cache_only`); or both (`caching`).

With the `caching` setting, if `memcached` cannot find a key in memory, it searches for the value in an `InnoDB` table. Values returned from `get` calls under the `caching` setting could be out-of-date if the values were updated on disk in the `InnoDB` table but are not yet expired from the memory cache.

The caching policy can be set independently for `get`, `set` (including `incr` and `decr`), `delete`, and `flush` operations.

For example, you might allow `get` and `set` operations to query or update a table and the `memcached` memory cache at the same time (using the `caching` setting), while making `delete`, `flush`, or both operate only on the in-memory copy (using the `cache_only` setting). That way, deleting or flushing an item only expires the item from the cache, and the latest value is returned from the `InnoDB` table the next time the item is requested.

```
mysql> SELECT * FROM innodb_memcache.cache_policies;
+--------------+-------------+-------------+---------------+--------------+
| policy_name  | get_policy  | set_policy  | delete_policy | flush_policy |
+--------------+-------------+-------------+---------------+--------------+
| cache_policy | innodb_only | innodb_only | innodb_only   | innodb_only  |
+--------------+-------------+-------------+---------------+--------------+

mysql> UPDATE innodb_memcache.cache_policies SET set_policy = 'caching'
       WHERE policy_name = 'cache_policy';
```

`innodb_memcache.cache_policies` values are only read at startup. After changing values in this table, uninstall and reinstall the `daemon_memcached` plugin to ensure that changes take effect.

```
mysql> UNINSTALL PLUGIN daemon_memcached;

mysql> INSTALL PLUGIN daemon_memcached soname "libmemcached.so";
```

15.20.6.5 Adapting DML Statements to memcached Operations

Benchmarks suggest that the `daemon_memcached` plugin speeds up DML operations (inserts, updates, and deletes) more than it speeds up queries. Therefore, consider focussing initial development efforts on write-intensive applications that are I/O-bound, and look for opportunities to use MySQL with the `daemon_memcached` plugin for new write-intensive applications.

Single-row DML statements are the easiest types of statements to turn into `memcached` operations. `INSERT` becomes `add`, `UPDATE` becomes `set`, `incr` or `decr`, and `DELETE` becomes `delete`. These operations are guaranteed to only affect one row when issued through the `memcached` interface, because the *`key`* is unique within the table.