Reffendie's Blog

Memcache cheatsheet

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Building and compiling memcache

The following are the steps to build and compile memcache:

1. Install libevent 1.4.11

```
1  cd $PACKAGE_DIR
2  tar libevent-1.4.11-stable.tar.gz
3  cd libevent-1.4.11-stable
4  ./configure --prefix=/opt/local
5  make
6  make install
```

2. Install memcache 1.2.8

```
1  wget http://memcached.googlecode.com/files/memcached-1.2.8.tar.gz
2  ./configure --enable-threads --prefix=/opt/memcache --with-libevent=/opt/local
3  make
4  make install
```

When starting memcache, make sure the env variable $LD\_LIBRARY\_PATH$ will need to be set to include `/opt/local/lib`, to pick the libevent-1.4.so.2.

Running memcache from a command line

```
1  $MEMCACHE_HOME/memcached -d -m 1024 -p 11211 -u service_account
```

Where:

- 1024 is the amount of memory allocated for memcache
- 1121 is the port number the memcache server runs.
  Default value is 11211.
- "service_account" is the unix account that runs the service.
  Best practice is not to use root as the service account.

Checking memcache memory utilization

```
1  ps -u apache -o rss,command | grep 'memcached -d'  | awk '{print $0}{sum+=$1} END {print "\nMe
2  17672 ./memcached -d -m 1024 -p 11211 -u apache
3
4  Memory usage for memcached: 17.2578 MB
```