
Memcached 安装教程

一、Libevent 下载

1、通过下列命令下载：

```
curl -O
```

<http://down1.chinaunix.net/distfiles/libevent-2.0.21-stable.tar.gz>

```
[root@localhost ~]# curl -O http://down1.chinaunix.net/distfiles/libevent-2.0.21-stable.tar.gz
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           % Dload    % Upload   Dload  Upload   Total   Spent    Left   Speed
100 830k    100 830k    0     0  611k      0  0:00:01  0:00:01 --:--:-- 610k
```

2、通过命令编辑

```
tar -xvf libevent-2.0.21-stable.tar.gz
```

```
[root@localhost ~]# tar -xvf libevent-2.0.21-stable.tar.gz
libevent-2.0.21-stable/
libevent-2.0.21-stable/evmap-internal.h
libevent-2.0.21-stable/event_iocp.c
libevent-2.0.21-stable/win32select.c
libevent-2.0.21-stable/configure.in
libevent-2.0.21-stable/epoll.c
libevent-2.0.21-stable/evrpc-internal.h
libevent-2.0.21-stable/autogen.sh
libevent-2.0.21-stable/event.h
libevent-2.0.21-stable/m4/
libevent-2.0.21-stable/m4/ltsugar.m4
libevent-2.0.21-stable/m4/acx_pthread.m4
libevent-2.0.21-stable/m4/ltoptions.m4
libevent-2.0.21-stable/m4/ltversion.m4
libevent-2.0.21-stable/m4/libtool.m4
libevent-2.0.21-stable/m4/lt~obsolete.m4
libevent-2.0.21-stable/libevent_openssl.pc.in
libevent-2.0.21-stable/Makefile.in
libevent-2.0.21-stable/event.c
libevent-2.0.21-stable/make-event-config.sed
libevent-2.0.21-stable/evutil_rand.c
libevent-2.0.21-stable/evmap.c
libevent-2.0.21-stable/Makefile.nmake
libevent-2.0.21-stable/log-internal.h
libevent-2.0.21-stable/ratelim-internal.h
libevent-2.0.21-stable/util-internal.h
libevent-2.0.21-stable/evdns.c
```

```
libevent-2.0.21-stable/include/event2/bufferevent_struct.h
libevent-2.0.21-stable/include/event2/bufferevent_compat.h
libevent-2.0.21-stable/include/event2/buffer_compat.h
libevent-2.0.21-stable/include/event2/dns_struct.h
libevent-2.0.21-stable/include/event2/util.h
libevent-2.0.21-stable/include/event2/tag.h
libevent-2.0.21-stable/include/event2/event_compat.h
libevent-2.0.21-stable/include/event2/bufferevent.h
libevent-2.0.21-stable/include/event2/rpc.h
libevent-2.0.21-stable/include/event2/keyvalq_struct.h
libevent-2.0.21-stable/include/event2/rpc_compat.h
libevent-2.0.21-stable/include/event2/event_struct.h
libevent-2.0.21-stable/include/event2/dns_compat.h
libevent-2.0.21-stable/include/event2/bufferevent_ssl.h
libevent-2.0.21-stable/include/event2/thread.h
libevent-2.0.21-stable/include/event2/rpc_struct.h
libevent-2.0.21-stable/include/event2/buffer.h
libevent-2.0.21-stable/include/event2/http_struct.h
libevent-2.0.21-stable/include/event2/http_compat.h
libevent-2.0.21-stable/include/event2/tag_compat.h
libevent-2.0.21-stable/include/event2/dns.h
libevent-2.0.21-stable/include/event2/http.h
libevent-2.0.21-stable/include/Makefile.am
libevent-2.0.21-stable/libevent_pthreads.pc.in
libevent-2.0.21-stable/http.c
libevent-2.0.21-stable/ipv6-internal.h
libevent-2.0.21-stable/evutil.h
libevent-2.0.21-stable/aclocal.m4
libevent-2.0.21-stable/bufferevent-internal.h
libevent-2.0.21-stable/iocp-internal.h
libevent-2.0.21-stable/evrpc.h
libevent-2.0.21-stable/changelist-internal.h
libevent-2.0.21-stable/evhttp.h
libevent-2.0.21-stable/event_rpcgen.py
libevent-2.0.21-stable/Makefile.am
libevent-2.0.21-stable/minheap-internal.h
libevent-2.0.21-stable/...
```

3、进入 libevent

```
cd libevent-2.0.21-stable
```

```
[root@localhost ~]# cd libevent-2.0.21-stable
[root@localhost libevent-2.0.21-stable]#
```

4、安装配置到 usr 目录下面

```
./configure --prefix=/usr
```

5、编译安装

```
make && make install
```

6、检查是否安装成功

```
ls -a /usr/lib
```

```
[root@localhost libevent-2.0.21-stable]# ls -a /usr/lib
.
..
binfmt.d
cpp
debug
dracut
firewalld
firmware
games
gcc
grub
kbd
kdump
kernel
libevent-2.0.so.5
libevent-2.0.so.5.1.9
libevent.a
libevent_core-2.0.so.5
libevent_core-2.0.so.5.1.9
libevent_core.a
libevent_core.la
libevent_core.so
libevent_extra-2.0.so.5
libevent_extra-2.0.so.5.1.9
libevent_extra.a
libevent_extra.la
libevent_extra.so
libevent.la
libevent_pthreads-2.0.so.5
libevent_pthreads-2.0.so.5.1.9
libevent_pthreads.a
libevent_pthreads.la
libevent_pthreads.so
libevent.so
locale
modprobe.d
modules
modules-load.d
NetworkManager
pkgconfig
polkit-1
python2.7
rpm
sendmail
sendmail.postfix
sse2
sysctl.d
systemd
tmpfiles.d
tuned
udev
yum-plugins
```

然后进行 memcached 下载以及解压

1、 下载 memcached

```
curl -O
```

<http://memcached.org/files/memcached-1.4.24.tar.gz>

2、 进行解压缩

```
tar -xvf memcached-1.4.24.tar.gz
```

3、 基于 libevent 库进行配置

```
./configure -prefix=/usr/local/memcached
```

```
-with-libevent=/usr
```

4、 编译安装

```
make && make install
```

5、 安装成功后运行 memcached

```
/usr/local/memcached/bin/memcached -d start -u nobody -m
```

```
1024 -p 11211 -c 2048 -P /tmp/memcached.pid
```


6、查看 memcached 进程是否运行

```
ps -ef|grep memcached
```

```
[root@localhost bin]# /usr/local/memcached/bin/memcached -d start -u nobody -m 1024 -p 11211 -c 2048 -P /tmp/memcached.pid
[root@localhost bin]# ps -ef|grep memcached
nobody    21201    1    0 15:55 ?        00:00:00 /usr/local/memcached/bin/memcached -d st
art -u nobody -m 1024 -p 11211 -c 2048 -P /tmp/memcached.pid telnet 127.0.0.1 11211
root      21225   2426    0 15:59 pts/1    00:00:00 grep --color=auto memcached
```

7、查看进程号是否为 21201

```
cat /tmp/memcached.pid
```

```
[root@localhost bin]# cat /tmp/memcached.pid
21201
```

8、连接本地的 memcached

```
[root@localhost bin]# telnet 127.0.0.1 11211
-bash: telnet: 未找到命令
[root@localhost bin]#
```

注：像这种情况是缺少 telnet 命令的安装，安装命令即可

1、查找相关 telnet 的相关安装包

```
yum list telnet*
```

```
[root@localhost bin]# yum list telnet*
已加载插件: fastestmirror
Loading mirror speeds from cached hostfile
 * base: mirrors.btte.net
 * extras: mirrors.btte.net
 * updates: mirrors.btte.net
可安装的软件包
telnet.x86_64                                1:0.17-60.el7                                base
telnet-server.x86_64                        1:0.17-60.el7                                base
[root@localhost bin]#
```

2、yum install telnet-server 安装 telnet 服务

```
[root@localhost bin]# yum install telnet-server
已加载插件: fastestmirror
Loading mirror speeds from cached hostfile
 * base: mirrors.btte.net
 * extras: mirrors.btte.net
 * updates: mirrors.btte.net
正在解决依赖关系
--> 正在检查事务
--> 软件包 telnet-server.x86_64.1.0.17-60.el7 将被 安装
--> 解决依赖关系完成

依赖关系解决
=====
Package                架构      版本      源      大小
=====
正在安装:
telnet-server           x86_64    1:0.17-60.el7    base    40 k

事务概要
-----
安装 1 软件包

总下载量: 40 k
安装大小: 55 k
Is this ok [y/d/N]: y
Downloading packages:
telnet-server-0.17-60.el7.x86_64.rpm | 40 kB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
 正在安装      : 1:telnet-server-0.17-60.el7.x86_64      1/1
 验证中       : 1:telnet-server-0.17-60.el7.x86_64      1/1

已安装:
telnet-server.x86_64 1:0.17-60.el7

完毕!
```

yum install telnet.*

3、安装 telnet 客户端

```
[root@localhost bin]# yum install telnet.*
已加载插件: fastestmirror
Loading mirror speeds from cached hostfile
 * base: mirrors.btte.net
 * extras: mirrors.btte.net
 * updates: mirrors.btte.net
正在解决依赖关系
--> 正在检查事务
--> 软件包 telnet.x86_64.1.0.17-60.el7 将被 安装
--> 解决依赖关系完成

依赖关系解决
=====
Package                架构      版本      源      大小
=====
正在安装:
telnet                  x86_64    1:0.17-60.el7    base    63 k

事务概要
-----
安装 1 软件包

总下载量: 63 k
安装大小: 113 k
Is this ok [y/d/N]: y
Downloading packages:
telnet-0.17-60.el7.x86_64.rpm | 63 kB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
 正在安装      : 1:telnet-0.17-60.el7.x86_64      1/1
 验证中       : 1:telnet-0.17-60.el7.x86_64      1/1

已安装:
telnet.x86_64 1:0.17-60.el7

完毕!
```

4、进行连接测试

```
[root@localhost bin]# telnet 127.0.0.1 11211
Trying 127.0.0.1...
Connected to 127.0.0.1.
Escape character is '^['.
```

表示连接成功

5、最后输入 quit 退出。