

PHP MEMCACHE

memcached

memcached 是一个高性能的分布式内存对象缓存系统，用于减轻数据库负载。它通过在应用程序和数据库之间起一个“缓冲”作用，有效降低数据库负载，有效保护后端数据库。

memcached

memcached 1.1.12 版本在 CentOS 5 上安装。libevent 版本为 1.1a。

libevent-1.1a.tar.gz memcached-1.1.12.tar.gz

```
# tar -xzf libevent-1.1a.tar.gz
```

```
# cd libevent-1.1a
```

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

```
# make
```

```
# make install
```

```
# cd ..
```

```
# tar -xzf memcached-1.1.12.tar.gz
```

```
# cd memcached-1.1.12
```

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

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make

make install

memcached /usr/bin/memcached

memcached

memcached

/usr/bin/memcached -d -m 128 -l 192.168.1.1 -p 11211 -u httpd

-d daemon memcached

-m memcached M

-l IP

-p 11211

-u root

man memcached

memcached

memcached

API Perl/PHP/Python/Ruby/Java/C#/C PHP

memcached key

key memcached cache

memcached


PHP memcached

PHP memcached memcached

PHP memcache Linux -enable-

memcache[=DIR] Window php.ini php_memcache.dll

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php-memcached-client

PHP memcached

memcached-client.php memcached-client.php

“memcached” memcached

add() get() replace() delete()

add (\$key, \$val, \$exp = 0)

memcached \$key \$val \$exp

get (\$key)

memcached \$key

replace (\$key, \$value, \$exp=0)

\$value memcached \$key add() \$key


delete (\$key, \$time = 0)

memcached \$key \$time

‘mykey’

```
<?php // require_once('memcached-
client.php'); // $options = array( 'servers' =>
array('192.168.1.1:11211'), //memcached
memcached
'debug' => true, // debug
'compress_threshold' => 10240, //
'persistant' => false //
);
// memcached
$mc = new memcached($options);
```

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```

//   memcached   memcached
$key = 'mykey';
//   memcached   memcached
$mc->add($key, 'some random strings');
$val = $mc->get($key);
echo "n".str_pad('$mc->add() ', 60, '_')."n";
var_dump($val);
//   memcached   memcached
$mc->replace($key, array('some'=>'haha',
'array'=>'xxx'));
$val = $mc->get($key);
echo "n".str_pad('$mc->replace() ', 60, '_')."n";
var_dump($val);
//   memcached   memcached
$mc->delete($key);
$val = $mc->get($key);
echo "n".str_pad('$mc->delete() ', 60, '_')."n";
var_dump($val);
?>

```

```

memcached   memcached   memcached   memcached   memcached   memcached
memcached   memcached   memcached   memcached   memcached   memcached   SQL   md5()
memcached   memcached   memcached   memcached   memcached   memcached   memcached
key   memcached   memcached   memcached   memcached   memcached   memcached
<?php $sql = 'SELECT * FROM users'; $key = md5($sql); //memcached
if ( !($datas = $mc->get($key)) ) {
//   memcached   memcached   memcached   memcached   memcached
echo "n".str_pad('Read datas from MySQL.', 60, '_')."n";
$conn = mysql_connect('localhost', 'test', 'test');
mysql_select_db('test');
$result = mysql_query($sql);
while ($row = mysql_fetch_object($result))
$datas[] = $row;
//   memcached   memcached   memcached   memcached   memcached
$mc->add($key, $datas);

```

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```
} else {
echo "n".str_pad('Read datas from memcached.', 60, '_')."n";
}
var_dump($datas);
?>
```

memcached

PHP SESSION MySQL memcached

memcached session_id() SESSION

PHP session_write_close() My_Sess::write() SESSION write() memcached SESSION

SESSION memcached add() \$exp SESSION write()

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