

Installation Guide

1. Start the terminal window. Become the root user

```
[tom@localhost ~]$ su
Password: *****
```

2. Add the MongoDB repository

```
[root@localhost tom]# vim /etc/yum.repos.d/mongodb.repo
```

After executing the above command a file will get opened
Press " i " to enter the Insert mode.

Type the following if you are using a 64 bit machine

```
[mongodb]
name=MongoDB Repository
baseurl=http://downloads-distro.mongodb.org/repo/redhat/os/x86_64/
gpgcheck=0
enabled=1
```

Type the following if you are using a 32 bit machine

```
[mongodb]
name=MongoDB Repository
baseurl=http://downloads-distro.mongodb.org/repo/redhat/os/i686/
gpgcheck=0
enabled=1
```

After typing the above stuff press " Esc " button and type " :wq " and press Enter.

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3. Install the MongoDB Package

```
[root@localhost tom]# yum install mongo-10gen mongo-10gen-server
```

```
Loaded plugins: fastestmirror, refresh-packagekit, security
Loading mirror speeds from cached hostfile
 * base: centosmirror.go4hosting.in
 * extras: centosmirror.go4hosting.in
 * updates: centosmirror.go4hosting.in
Setting up Install Process
Package mongo-10gen is obsoleted by mongodb-org, trying to install mongodb-org-2.6.3-1.x86_64 instead
Package mongo-10gen-server is obsoleted by mongodb-org-server, trying to install mongodb-org-server-2.6.3-1.x86_64 instead
Resolving Dependencies
--> Running transaction check
---> Package mongodb-org.x86_64 0:2.6.3-1 will be installed
--> Processing Dependency: mongodb-org-tools = 2.6.3 for package: mongodb-org-2.6.3-1.x86_64
--> Processing Dependency: mongodb-org-shell = 2.6.3 for package: mongodb-org-2.6.3-1.x86_64
--> Processing Dependency: mongodb-org-mongos = 2.6.3 for package: mongodb-org-2.6.3-1.x86_64
---> Package mongodb-org-server.x86_64 0:2.6.3-1 will be installed
--> Running transaction check
---> Package mongodb-org-mongos.x86_64 0:2.6.3-1 will be installed
---> Package mongodb-org-shell.x86_64 0:2.6.3-1 will be installed
---> Package mongodb-org-tools.x86_64 0:2.6.3-1 will be installed
--> Finished Dependency Resolution
Dependencies Resolved
```

```
=====
Package                Arch          Version           Repository        Size
=====
Installing:
mongodb-org             x86_64        2.6.3-1           mongodb           4.6 k
mongodb-org-server      x86_64        2.6.3-1           mongodb           9.0 M
Installing for dependencies:
mongodb-org-mongos      x86_64        2.6.3-1           mongodb           6.8 M
mongodb-org-shell       x86_64        2.6.3-1           mongodb           4.2 M
mongodb-org-tools       x86_64        2.6.3-1           mongodb           89 M
```

Transaction Summary

```
=====
Install                5 Package(s)
```

```
Total size: 109 M
Total download size: 89 M
Installed size: 275 M
Is this ok [y/N]:
```

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4. Type "y" and press "Enter" when you see the above question

```
Downloading Packages:
mongodb-org-tools-2.6.3-1.x86_64.rpm | 89 MB
58:43
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
  Installing : mongodb-org-tools-2.6.3-1.x86_64
1/5
  Installing : mongodb-org-mongos-2.6.3-1.x86_64
2/5
  Installing : mongodb-org-shell-2.6.3-1.x86_64
3/5
  Installing : mongodb-org-server-2.6.3-1.x86_64
4/5
  Installing : mongodb-org-2.6.3-1.x86_64
5/5

Installed:
  mongodb-org.x86_64 0:2.6.3-1          mongodb-org-server.x86_64
0:2.6.3-1

Dependency Installed:
  mongodb-org-mongos.x86_64 0:2.6.3-1          mongodb-org-shell.x86_64
0:2.6.3-1
  mongodb-org-tools.x86_64 0:2.6.3-1

Complete!
```

5. Start the Mongod Service

```
[root@localhost tom]# service mongod start
```

```
Starting mongod: [ OK ]
[root@localhost tom]# mongo
MongoDB shell version: 2.6.3
connecting to: test
Welcome to the MongoDB shell.
For interactive help, type "help".
For more comprehensive documentation, see
  http://docs.mongodb.org/
Questions? Try the support group
  http://groups.google.com/group/mongodb-user
>
```

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6. Check for the default available databases

```
> show dbs
```

```
admin    (empty)
local    0.078GB
>
```