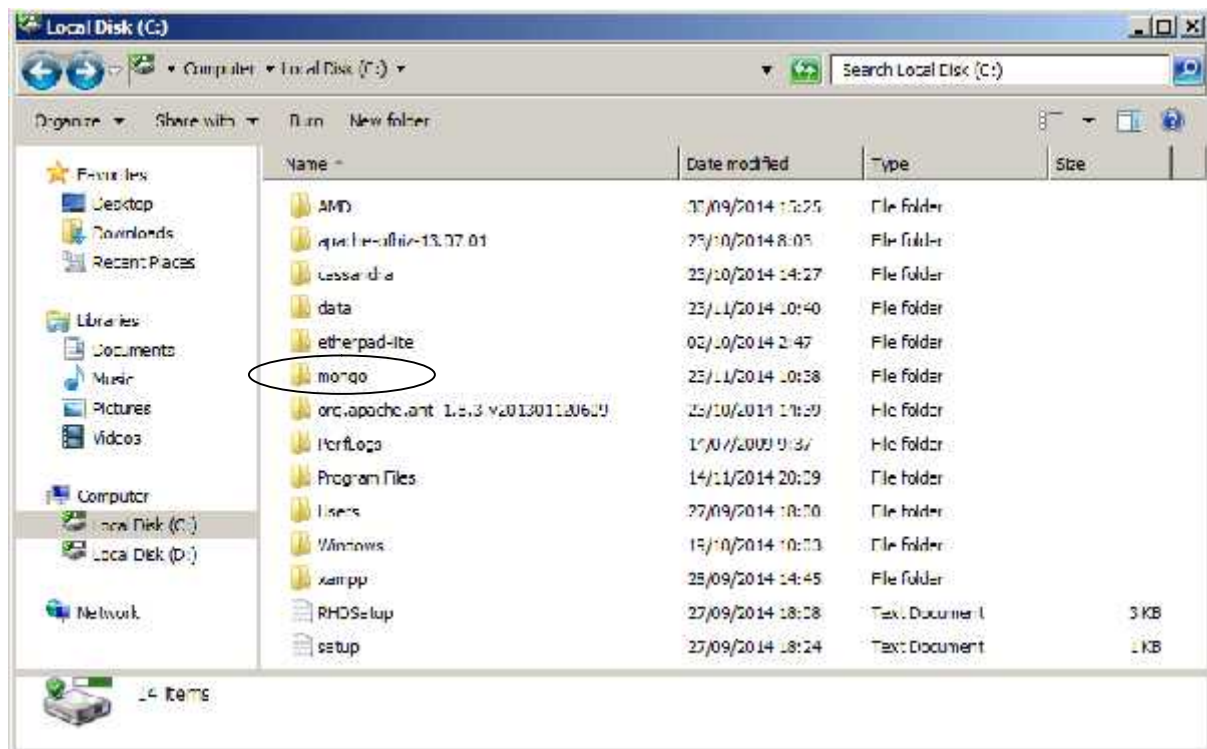


Cara menginstall MongoDB di windows 7 32 bit

Ikuti langkah langkah dibawah ini

Langkah pertama = download file MongoDB di [www.mongodb.org/downloads](http://www.mongodb.org/downloads) dan pilih file yang sesuai kebutuhan. Pada tutorial ini menggunakan mongodb-win32-i386-2.6.4\_2.

Langkah selanjutnya ekstrak file mongodb dan untuk memudahkan pemasangan ubah nama file menjadi **mongo** dan tempatkan file di Local disk (C:) seperti gambar dibawah ini :

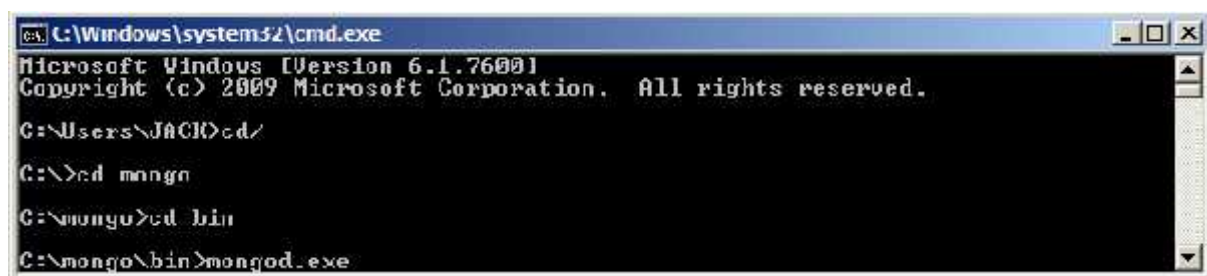


Langkah selanjutnya buka **commad prompt** dan

Ketikan =

- cd/
- cd mongo
- cd bin
- mongod.exe

sehingga seperti gambar dibawah ini :



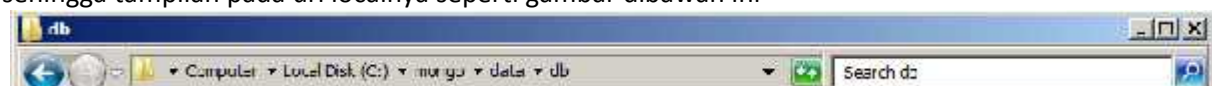
Maka akan keluar pesan kesalahan seperti gambar dibawah ini

```
C:\Windows\system32\cmd.exe
G:\mongo\bin>mongod.exe
mongod.exe --help for help and startup options
2014-11-23T10:58:57.157+0700
2014-11-23T10:58:57.157+0700 warning: 32-bit servers don't have journaling enabled by default. Please use --journal if you want durability.
2014-11-23T10:58:57.157+0700
2014-11-23T10:58:57.167+0700 [initandlisten] MongoDB starting : pid=7068 port=27017 dbpath=\data\db\ 32-bit host=JACK-PC
2014-11-23T10:58:57.167+0700 [initandlisten]
2014-11-23T10:58:57.167+0700 [initandlisten] ** NOTE: This is a 32 bit MongoDB binary.
2014-11-23T10:58:57.167+0700 [initandlisten] **          32 bit builds are limited to less than 2GB of data (or less with --journal).
2014-11-23T10:58:57.167+0700 [initandlisten] **          Note that journaling defaults to off for 32 bit and is currently off.
2014-11-23T10:58:57.167+0700 [initandlisten] **          See http://dochub.mongodb.org/core/32bit
2014-11-23T10:58:57.167+0700 [initandlisten]
2014-11-23T10:58:57.177+0700 [initandlisten] targetMinOS: Windows XP SP3
2014-11-23T10:58:57.177+0700 [initandlisten] db version v2.6.5
2014-11-23T10:58:57.177+0700 [initandlisten] git version: c99d4fcb4279c0279796f237aa2fe3b64560bf6
2014-11-23T10:58:57.177+0700 [initandlisten] build info: windows sys.getwindowsversion(major=6, minor=1, build=7601, platform=2, service pack='Service Pack 1') BOOST_LIB_VERSION=1_49
2014-11-23T10:58:57.177+0700 [initandlisten] allocator: system
2014-11-23T10:58:57.177+0700 [initandlisten] options: {}
2014-11-23T10:58:57.187+0700 [initandlisten] exception in initAndListen: 10296 *****
ERROR: dbpath (\data\db\) does not exist.
Create this directory or give existing directory in --dbpath.
See http://dochub.mongodb.org/core/startingandstoppingmongo
*****
terminating
2014-11-23T10:58:57.187+0700 [initandlisten] dhexit:
2014-11-23T10:58:57.187+0700 [initandlisten] shutdown: going to close listening sockets...
2014-11-23T10:58:57.197+0700 [initandlisten] shutdown: going to flush diaglog...
2014-11-23T10:58:57.197+0700 [initandlisten] shutdown: going to close sockets...
2014-11-23T10:58:57.197+0700 [initandlisten] shutdown: waiting for fs preallocate or...
2014-11-23T10:58:57.197+0700 [initandlisten] shutdown: closing all files...
2014-11-23T10:58:57.197+0700 [initandlisten] closeAllFiles() finished
2014-11-23T10:58:57.207+0700 [initandlisten] dbexit: really exiting now
```

Untuk mengatasi pesan kesalahan yaitu dengan cara

- ➔ buka dan masuk ke folder **mongo** pada Local disk (C:) yang telah dibuat.
- ➔ selanjutnya buat folder bernama **data** di dalam folder **mongo**
- ➔ selanjutnya buat folder bernama **db** di dalam folder **data**

sehingga tampilan pada url localnya seperti gambar dibawah ini



Langkah selanjutnya buka kembali command promptnya yang terdapat pesan kesalahan dan ketikkan

```
C:\mongo\bin>mongod --dbpath "C:\mongo\data\db"
```

(INGAT !!! jangan disalin kemudian ditempelkan(copy-paste) harus diketik agar tidak terjadi kesalahan.



Maka akan muncul gambar dengan hasil akhir seperti dibawah ini:

```
C:\Windows\system32\cmd.exe - mongod --dbpath "C:\mongo\data\db"
C:\mongo\bin>mongod --dbpath "C:\mongo\data\db"
2014-11-23T11:15:18.860+0700
2014-11-23T11:15:18.860+0700 warning: 32-bit servers don't have journaling enabled by default. Please use --journal if you want durability.
2014-11-23T11:15:18.860+0700
2014-11-23T11:15:18.870+0700 [initandlisten] MongoDB starting : pid=7828 port=27017 dbpath=C:\mongo\data\db 32-bit host=JACK-PC
2014-11-23T11:15:18.870+0700 [initandlisten]
2014-11-23T11:15:18.870+0700 [initandlisten] ** NOTE: This is a 32 bit MongoDB binary.
2014-11-23T11:15:18.870+0700 [initandlisten] **          32 bit builds are limited to less than 2GB of data (or less with journal).
2014-11-23T11:15:18.870+0700 [initandlisten] **          Note that journaling defaults to off for 32 bit and is currently off.
2014-11-23T11:15:18.870+0700 [initandlisten] **          See http://docs.mongodb.org/core/32bit
2014-11-23T11:15:18.870+0700 [initandlisten]
2014-11-23T11:15:18.870+0700 [initandlisten] targetMinOS: Windows XP SP3
2014-11-23T11:15:18.870+0700 [initandlisten] db version v2.6.5
2014-11-23T11:15:18.870+0700 [initandlisten] git version: e99d4fcb4279c0279796f237aa92fe3b64560bf6
2014-11-23T11:15:18.870+0700 [initandlisten] build info: windows sys.getwindowsversion(major=6, minor=1, build=7601, platform=2, service_pack='Service Pack 1')
BOOST_LIB_VERSION=1_49
2014-11-23T11:15:18.880+0700 [initandlisten] allocator: system
2014-11-23T11:15:18.880+0700 [initandlisten] options: { storage: { dbPath: "C:\mongo\data\db" } }
2014-11-23T11:15:18.920+0700 [initandlisten] allocating new ns file C:\mongo\data\db\local.ns, filling with zeroes...
2014-11-23T11:15:19.330+0700 [FileAllocator] allocating new datafile C:\mongo\data\db\local.0, filling with zeroes...
2014-11-23T11:15:19.330+0700 [FileAllocator] creating directory C:\mongo\data\db\tmp
2014-11-23T11:15:19.750+0700 [FileAllocator] done allocating datafile C:\mongo\data\db\local.0, size: 64MB, took 0.414 secs
2014-11-23T11:15:19.760+0700 [initandlisten] build index on: local.startup_log properties: { u: 1, key: { _id: 1 }, name: "_id_", ns: "local.startup_log" }
2014-11-23T11:15:19.760+0700 [initandlisten] added index to empty collection
2014-11-23T11:15:19.760+0700 [initandlisten] command local.$cmd command: create { create: "startup_log", size: 10485760, capped: true } noreturn:1 keyUpdates:0 numFields:0 reslen:37 849ms
2014-11-23T11:15:19.770+0700 [initandlisten] waiting for connections on port 27017
2014-11-23T11:16:10.710+0700 [clientcursormon] mem (MD) res:35 virt:176
2014-11-23T11:16:18.910+0700 [clientcursormon] mapped:80
2014-11-23T11:16:18.910+0700 [clientcursormon] connections:0
```

Langkah selanjutnya buka command prompt baru dan jangan menutup command prompt yang telah digunakan untuk menempatkan path mongo. Pada **command prompt baru** ketikan seperti langkah diatas yaitu : Ketikan =

- cd/
- cd mongo
- cd bin
- mongo.exe

sehingga seperti gambar dibawah ini :



```
C:\Windows\system32\cmd.exe - mongo
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\TACK>cd /

C:\>cd mongo

C:\mongo>cd bin

C:\mongo\bin>mongo
MongoDB shell version: 2.6.5
connecting to: test
Server has startup warnings:
2014-11-23T11:15:18.870+0700 [initandlisten] ** NOTE: This is a 32 bit MongoDB binary.
2014-11-23T11:15:18.870+0700 [initandlisten] ** 32 bit builds are limited to less than 2GB of data (or less with --journal).
2014-11-23T11:15:18.870+0700 [initandlisten] ** Note that journaling defaults to off for 32 bit and is currently off.
2014-11-23T11:15:18.870+0700 [initandlisten] ** See http://dochub.mongodb.org/core/32bit
2014-11-23T11:15:18.870+0700 [initandlisten]
> use dbs;
switched to db dbs
> show dbs;
admin    (empty)
local    0.070GB
> _
```

Dan tampilan akhir pada command prompt yang lama sebagai berikut :

```
C:\Windows\system32\cmd.exe - mongod --dbpath "C:\mongo\data\db"
2014-11-23T11:31:18.924+0700 [clientcursormon] connections:0
2014-11-23T11:36:18.924+0700 [clientcursormon] mem <MB> res:34 virt:173
2014-11-23T11:36:18.924+0700 [clientcursormon] mapped:80
2014-11-23T11:36:18.924+0700 [clientcursormon] connections:0
2014-11-23T11:53:41.606+0700 [clientcursormon] mem <MB> res:34 virt:173
2014-11-23T11:53:41.606+0700 [clientcursormon] mapped:80
2014-11-23T11:53:41.606+0700 [clientcursormon] connections:0
2014-11-23T11:55:23.797+0700 [initandlisten] connection accepted from 127.0.0.1:49187 #1 (1 connection now open)
2014-11-23T11:58:41.760+0700 [clientcursormon] mem <MB> res:35 virt:174
2014-11-23T11:58:41.760+0700 [clientcursormon] mapped:80
2014-11-23T11:58:41.760+0700 [clientcursormon] connections:1
```

mongoDB sudah bisa digunakan untuk membuat database

Demikian instalasi mongoDB pada windows 7 32bit