|  |
| --- |
| [**Mongodb启动命令mongod参数说明**](http://www.uspcat.com/forum.php?mod=viewthread&tid=7722) |

|  |
| --- |
|  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 基本配置  --------------------------------------------------------------------------------   |  |  | | --- | --- | | --quiet | # 安静输出 | | --port arg | # 指定服务端口号，默认端口27017 | | --bind\_ip arg | # 绑定服务IP，若绑定127.0.0.1，则只能本机访问，不指定默认本地所有IP | | --logpath arg | # 指定MongoDB日志文件，注意是指定文件不是目录 | | --logappend | # 使用追加的方式写日志 | | --pidfilepath arg | # PID File 的完整路径，如果没有设置，则没有PID文件 | | --keyFile arg | # 集群的私钥的完整路径，只对于Replica Set 架构有效 | | --unixSocketPrefix arg | # UNIX域套接字替代目录,(默认为 /tmp) | | --fork | # 以守护进程的方式运行MongoDB，创建服务器进程 | | --auth | # 启用验证 | | --cpu | # 定期显示CPU的CPU利用率和iowait | | --dbpath arg | # 指定数据库路径 | | --diaglog arg | # diaglog选项 0=off 1=W 2=R 3=both 7=W+some reads | | --directoryperdb | # 设置每个数据库将被保存在一个单独的目录 | | --journal | # 启用日志选项，MongoDB的数据操作将会写入到journal文件夹的文件里 | | --journalOptions arg | # 启用日志诊断选项 | | --ipv6 | # 启用IPv6选项 | | --jsonp | # 允许JSONP形式通过HTTP访问（有安全影响） | | --maxConns arg | # 最大同时连接数 默认2000 | | --noauth | # 不启用验证 | | --nohttpinterface | # 关闭http接口，默认关闭27018端口访问 | | --noprealloc | # 禁用数据文件预分配(往往影响性能) | | --noscripting | # 禁用脚本引擎 | | --notablescan | # 不允许表扫描 | | --nounixsocket | # 禁用Unix套接字监听 | | --nssize arg (=16) | # 设置信数据库.ns文件大小(MB) | | --objcheck | # 在收到客户数据,检查的有效性， | | --profile arg | # 档案参数 0=off 1=slow, 2=all | | --quota | # 限制每个数据库的文件数，设置默认为8 | | --quotaFiles arg | # number of files allower per db, requires --quota | | --rest | # 开启简单的rest API | | --repair | # 修复所有数据库run repair on all dbs | | --repairpath arg | # 修复库生成的文件的目录,默认为目录名称dbpath | | --slowms arg (=100) | # value of slow for profile and console log | | --smallfiles | # 使用较小的默认文件 | | --syncdelay arg (=60) | # 数据写入磁盘的时间秒数(0=never,不推荐) | | --sysinfo | # 打印一些诊断系统信息 | | --upgrade | # 如果需要升级数据库 |   \* Replicaton 参数  --------------------------------------------------------------------------------   |  |  | | --- | --- | | --fastsync | # 从一个dbpath里启用从库复制服务，该dbpath的数据库是主库的快照，可用于快速启用同步 | | --autoresync | # 如果从库与主库同步数据差得多，自动重新同步， | | --oplogSize arg | # 设置oplog的大小(MB)操作日志 |   \* 主/从参数  --------------------------------------------------------------------------------   |  |  | | --- | --- | | --master | # 主库模式 | | --slave | # 从库模式 | | --source arg | # 从库 端口号 | | --only arg | # 指定单一的数据库复制 | | --slavedelay arg | # 设置从库同步主库的延迟时间 |   \* Replica set(副本集)选项：  --------------------------------------------------------------------------------   |  |  | | --- | --- | | --replSet arg | # 设置副本集名称 |   \* Sharding(分片)选项  --------------------------------------------------------------------------------   |  |  | | --- | --- | | --configsvr | # 声明这是一个集群的config服务,默认端口27019，默认目录/data/configdb | | --shardsvr | # 声明这是一个集群的分片,默认端口27018 | | --noMoveParanoia | # 关闭偏执为moveChunk数据保存 |   # 上述参数都可以写入 mongod.conf 配置文档里例如：  dbpath = /data/mongodb  logpath = /data/mongodb/mongodb.log  logappend = true  port = 27017  fork = true  auth = true  e.g：./mongod -shardsvr -replSet shard1 -port 16161 -dbpath /data/mongodb/data/shard1a -oplogSize 100 -logpath /data/mongodb/logs/shard1a.log -logappend -fork -rest | |
|