docker上安装Redis

查看docker可用的版本

```
PS C:\Users\Administrator> docker search redis
```

```
PS C:\Users\Administrator> docker search redis
NAME                          DESCRIPTION                                     STARS   OFFICIAL   AUTOMATED
redis                         Redis is an open source key-value store that…   9074    [OK]
bitnami/redis                 Bitnami Redis Docker Image                      173                [OK]
sameersbn/redis                                                               82                 [OK]
grokzen/redis-cluster         Redis cluster 3.0, 3.2, 4.0, 5.0, 6.0           75
rediscommander/redis-commander Alpine image for redis-commander - Redis man…  52                 [OK]
kubeguide/redis-master        redis-master with "Hello World!"                33
redislabs/redisearch          Redis With the RedisSearch module pre-loaded…   30
oliver006/redis_exporter        Prometheus Exporter for Redis Metrics. Supp…  23
redislabs/rejson              RedisJSON - Enhanced JSON data type processi…   23
arm32v7/redis                 Redis is an open source key-value store that…   22
redislabs/redisgraph          A graph database module for Redis               14                 [OK]
webhippie/redis               Docker images for Redis                         11                 [OK]
s7anley/redis-sentinel-docker Redis Sentinel                                  10                 [OK]
insready/redis-stat           Docker image for the real-time Redis monitor…   9                  [OK]
redislabs/redismod            An automated build of redismod - latest Redi…   9                  [OK]
centos/redis-32-centos7       Redis in-memory data structure store, used a…   5
circleci/redis                CircleCI images for Redis                       5                  [OK]
clearlinux/redis              Redis key-value data structure server with t…   3
tiredofit/redis               Redis Server w/ Zabbix monitoring and S6 Ove…   1                  [OK]
wodby/redis                   Redis container image with orchestration        1                  [OK]
xetamus/redis-resource        forked redis-resource                           0                  [OK]
```

拉取官方最新版本的镜像

```
PS C:\Users\Administrator> docker pull redis:latest
```

```
PS C:\Users\Administrator> docker pull redis:latest
latest: Pulling from library/redis
a076a628af6f: Pull complete
f40dd07fe7be: Pull complete
ce21c8a3dbee: Pull complete
ee99c35818f8: Pull complete
56b9a72e68ff: Pull complete
3f703e7f380f: Pull complete
Digest: sha256:0f97c1c9daf5b69b93390ccbe8d3e2971617ec4801fd0882c72bf7cad3a13494
Status: Downloaded newer image for redis:latest
docker.io/library/redis:latest
```

查看本地镜像

```
PS C:\Users\Administrator> docker images
```

!

```
PS C:\Users\Administrator> docker images
REPOSITORY      TAG        IMAGE ID        CREATED        SIZE
redis           latest     621ceef7494a    3 weeks ago    104MB
```

运行容器

-p 6379:6379 映射容器服务的6379端口到宿主机的6379端口。外部可以直接通过宿主机宿主机 ip:6379 访问到 Redis服务

```
PS C:\Users\Administrator> docker run -itd --name redis-01 -p6379:6379 redis
```

```
PS C:\Users\Administrator> docker run -itd --name redis-01 -p 6379:6379 redis
80d865932381a715537808d2e6180ec1a5387381220c35285b9bebbc4a72de55
```

安装成功 查看容器的运行信息

```
PS C:\Users\Administrator> docker ps
```

```
PS C:\Users\Administrator> docker ps
CONTAINER ID    IMAGE      COMMAND              CREATED          STATUS           PORTS                    NAMES
80d865932381    redis      "docker-entrypoint.s…"  37 seconds ago   Up 35 seconds    0.0.0.0:6379->6379/tcp   redis-01
```

redis-cli连接测试使用redis 服务

```
PS C:\Users\Administrator> docker exec -it redis-01 /bin/bash

root@a66163ad2602:/data# redis-cli
```

```
PS C:\Users\Administrator> docker exec -it redis-01 /bin/bash
root@80d865932381:/data# set hello codeman
root@80d865932381:/data# redis-cli
127.0.0.1:6379> set hello codeman
OK
127.0.0.1:6379> get hello
"codeman"
```

安装成功 查看容器的运行信息

```
PS C:\Users\Administrator> docker ps
```

```
PS C:\Users\Administrator> docker ps
CONTAINER ID    IMAGE      COMMAND              CREATED          STATUS           PORTS                    NAMES
80d865932381    redis      "docker-entrypoint.s…"  37 seconds ago   Up 35 seconds    0.0.0.0:6379->6379/tcp   redis-01
```