



链滴

数据库 cli 工具 docker 镜像

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原文链接: <https://ld246.com/article/1658888051862>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

经常要在容器环境中查看众多数据库的数据或验证服务，基于alpine打包了一个db cli工具镜像。

注：工具并不涉及数据库管理。

alpine 软件源已替换为了清华园，时区设置为上海，包含了nmap和curl网络工具和mycli、redis-cli mongocli、etcdcli、和plumber等数据库cli工具。docker镜像已上传至腾讯镜像源 ccr.ccs.tencent.com/bingoct/apline-db-tools:v1.0.0

```
FROM alpine:3.16 as build
RUN sed -i 's/dl-cdn.alpinelinux.org/mirrors.tuna.tsinghua.edu.cn/g' /etc/apk/repositories &&
apk update && apk add tzdata && cp /usr/share/zoneinfo/Asia/Shanghai /etc/localtime &&
cho "Asia/shanghai" >>/etc/timezone
# etcd
RUN wget -O /tmp/etcd-v3.5.0-linux-amd64.tar.gz https://github.com/etcd-io/etcd/releases/
ownload/v3.5.0/etcd-v3.5.0-linux-amd64.tar.gz
RUN tar xf /tmp/etcd-v3.5.0-linux-amd64.tar.gz -C /tmp
# zkcli
RUN wget -O /tmp/zkcli-0.4.0-linux-amd64.tar.gz https://github.com/let-us-go/zkcli/releases
download/v0.4.0/zkcli-0.4.0-linux-amd64.tar.gz
RUN tar xf /tmp/zkcli-0.4.0-linux-amd64.tar.gz -C /tmp
# mongocli
RUN wget -O /tmp/mongocli_1.25.0_linux_x86_64.tar.gz https://fastdl.mongodb.org/mongocli
mongocli_1.25.0_linux_x86_64.tar.gz
RUN tar xf /tmp/mongocli_1.25.0_linux_x86_64.tar.gz -C /tmp
# plumber
RUN wget -O /tmp/plumber https://github.com/batchcorp/plumber/releases/latest/downloa
/plumber-linux && chmod +x /tmp/plumber
```

```
FROM alpine:3.16
# change apk source and set time-zone
RUN sed -i 's/dl-cdn.alpinelinux.org/mirrors.tuna.tsinghua.edu.cn/g' /etc/apk/repositories &&
apk update && apk add tzdata && cp /usr/share/zoneinfo/Asia/Shanghai /etc/localtime &&
cho "Asia/shanghai" >>/etc/timezone
# db-tool
RUN apk add nmap curl mycli redis
COPY --from=build /tmp/mongocli_1.25.0_linux_x86_64/bin/mongocli /usr/local/bin/
COPY --from=build /tmp/etcd-v3.5.0-linux-amd64/etcdctl /usr/local/bin/
COPY --from=build /tmp/zkcli-0.4.0-linux-amd64/zkcli /usr/local/bin/
COPY --from=build /tmp/plumber /usr/local/bin/ /usr/local/bin/
```

使用

```
kubectrl run -ti alpine-db-tool --image=ccr.ccs.tencentyun.com/bingoct/apline-db-tools:v1.0.0
-- sh
# or docker
docker run -ti --name alpine-db-tool ccr.ccs.tencentyun.com/bingoct/apline-db-tools:v1.0.0
h
```

工具官方文档：

- [mycli](#)
- [redis-cli](#)

- [mongo-cli](#)
- [etcd-cli](#)
- [plumber](#)

todo:

- plumber 和 mycli 太大了，导致最终镜像有196.59MB。
- 构建web ui client (坑太大)