ubuntu   latest   735f80812f90   3 months ago   83.5MB

Sending build context to Docker daemon 2.048kB
Step 1/9 : FROM ubuntu
 ---> 735f80812f90
Step 2/9 : MAINTAINER panda kstwoak47@163.com
 ---> Running in 41f5bc014ebd
Removing intermediate container 41f5bc014ebd
 ---> 2880c9dbdd4f 生成镜像
Step 3/9 : RUN mkdir hello
 ---> Running in db3b8e13a53a
Removing intermediate container db3b8e13a53a
 ---> 165878851ebe
Step 4/9 : RUN mkdir world
 ---> Running in baf2a2b86674
Removing intermediate container baf2a2b86674
 ---> 3dcc76c8df51
Step 5/9 : RUN sed -i 's/archive.ubuntu.com/mirrors.ustc.edu.cn/g'
/etc/apt/sources.list
 ---> Running in 42d3ca79e7de
Removing intermediate container 42d3ca79e7de
 ---> f24810c27257
Step 6/9 : RUN sed -i 's/security.ubuntu.com/mirrors.ustc.edu.cn/g'
/etc/apt/sources.list
 ---> Running in 5161c6bf1c9c
Removing intermediate container 5161c6bf1c9c
 ---> d185469e1ce6
Step 7/9 : RUN apt-get update
 ---> Running in 9f8e7380a8a1
Reading package lists...
Removing intermediate container 9f8e7380a8a1
 ---> 8a44e784b7bb
Step 8/9 : RUN apt-get install nginx -y
 ---> Running in 895e10e09f6a
Removing intermediate container 895e10e09f6a
 ---> 866d4c43c41a
Step 9/9 : EXPOSE 80
 ---> Running in b723a480801f
Removing intermediate container b723a480801f
 ---> 3124276c9a5b
Successfully built 3124276c9a5b
Successfully tagged ubuntu-nginx:v1.0

3124276c9a5b   2 minutes ago   /bin/sh -c #(nop) EXPOSE 80   0B
866d4c43c41a   2 minutes ago   /bin/sh -c apt-get install nginx -y   59.7MB
8a44e784b7bb   3 minutes ago   /bin/sh -c apt-get update   42.9MB
d185469e1ce6   3 minutes ago   /bin/sh -c sed -i 's/security.ubuntu.com/mir...   2.77kB
f24810c27257   3 minutes ago   /bin/sh -c sed -i 's/archive.ubuntu.com/mirr...   2.77kB
3dcc76c8df51   3 minutes ago   /bin/sh -c mkdir world   0B
165878851ebe   3 minutes ago   /bin/sh -c mkdir hello   0B
2880c9dbdd4f   3 minutes ago   /bin/sh -c #(nop) MAINTAINER panda kstwoak4...   0B
735f80812f90   3 months ago   /bin/sh -c #(nop) CMD ["/bin/bash"]   0B

ubuntu-nginx   v1.0   3124276c9a5b   About a minute ago   186MB

构建大小对比

第一个版本我们做了6部操作

"Id":
"sha256:3124276c9a5b4647ce691f6f7e92c418d584f373026691462108b0a9f306a958",
    "RepoTags": [
        "ubuntu-nginx:v1.0"
    ],

 "Size": 186044100,
    "VirtualSize": 186044100,

第二个版本我们做了3部操作

"Id":
"sha256:834cbc1644b4617995beaa5820325e2f3987aca8f62ee1f18e89ab894e4a5961",
    "RepoTags": [
        "ubuntu-nginx:v2.0"
    ],
 "Size": 186041327,

"VirtualSize": 186041327,

操作的步骤越少 那么构建的镜像的大小就越小

固定

["/usr/sbin/nginx",

　　　　　　　　"-g","daemon off;"]

可变

Nginx -g

　　　"-g","daemon off;"

onbuild

2018年11月10日　16:05

爷爷

onbuild的copy操作 但是不在 v11.0上生效

父亲

孙子

Ubuntu

Ubuntu-nginx：v11.0

页面显示是

Welcome to nginx!

来自 <http://192.168.110.142/>

隔代生效

Ubuntu-nginx：v12.0

hello world

来自 <http://192.168.110.143/>