**Build 후 compile-build
실행 옵션 설정 및
github에서 webhook설정**

Jenkins
Pipeline

BUILD 후 조치 설정

B411001 강도연

Branch: master ▾   github_demo / hello.c

doyun0916 Update hello.c

1 contributor

5 lines (5 sloc) | 93 Bytes

```
1  #include <stdio.h>
2  int main() {
3      printf("<h1> After setting webhook</h1>\n");
4      return 0;
5  }
```

Triger 되어진 compile-build

hello.c의 내용을 바꿔봄

🔵 콘솔 출력

```
Started by GitHub push by doyun0916
Running as SYSTEM
Building remotely on build in workspace /home/ubuntu/jenkins/workspace/pull-codes
No credentials specified
 > git rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
 > git config remote.origin.url https://github.com/doyun0916/github_demo.git # timeout=10
Fetching upstream changes from https://github.com/doyun0916/github_demo.git
 > git --version # timeout=10
 > git fetch --tags --progress -- https://github.com/doyun0916/github_demo.git +refs/heads/*:r
 > git rev-parse refs/remotes/origin/master^{commit} # timeout=10
 > git rev-parse refs/remotes/origin/origin/master^{commit} # timeout=10
Checking out Revision cbba4ec4ae648f841c0179615af2e1abc0076cd7 (refs/remotes/origin/master)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f cbba4ec4ae648f841c0179615af2e1abc0076cd7 # timeout=10
Commit message: "Update hello.c"
 > git rev-list --no-walk 41e3ff72a3d4343efd16fa102c099866f0e2899f # timeout=10
Triggering a new build of compile-build
Finished: SUCCESS
```

```
+ cd /home/ubuntu/jenkins/workspace/pull-codes
+ gcc hello.c
+ ./a.out
+ sudo docker ps -a -q
+ sudo docker rm -f 6314fc19f1e1 9d1af9434a9a 8fd8f3a499d3
6314fc19f1e1
9d1af9434a9a
8fd8f3a499d3
+ sudo docker build . -t mysite
Sending build context to Docker daemon  3.005MB

Step 1/6 : FROM ubuntu
 ---> 1d622ef86b13
Step 2/6 : ARG DEBIAN_FRONTEND=noninteractive
 ---> Using cache
 ---> 8ab3e21f9c89
Step 3/6 : RUN apt-get update
 ---> Using cache
 ---> 540338995d8f
Step 4/6 : RUN apt-get install -y apache2 && apt-get clean
 ---> Using cache
 ---> 81f0289b6879
Step 5/6 : ENTRYPOINT apachectl -D FOREGROUND
 ---> Using cache
 ---> 1088e7500f13
Step 6/6 : ADD ./index.html /var/www/html/
 ---> 9795784e6135
Successfully built 9795784e6135
Successfully tagged mysite:latest
+ sudo docker run -itd -p 5000:80 mysite
2e608d1136f510f55e6659c88a46920f425b32f098b04058a085b86595389c1c
Finished: SUCCESS
```
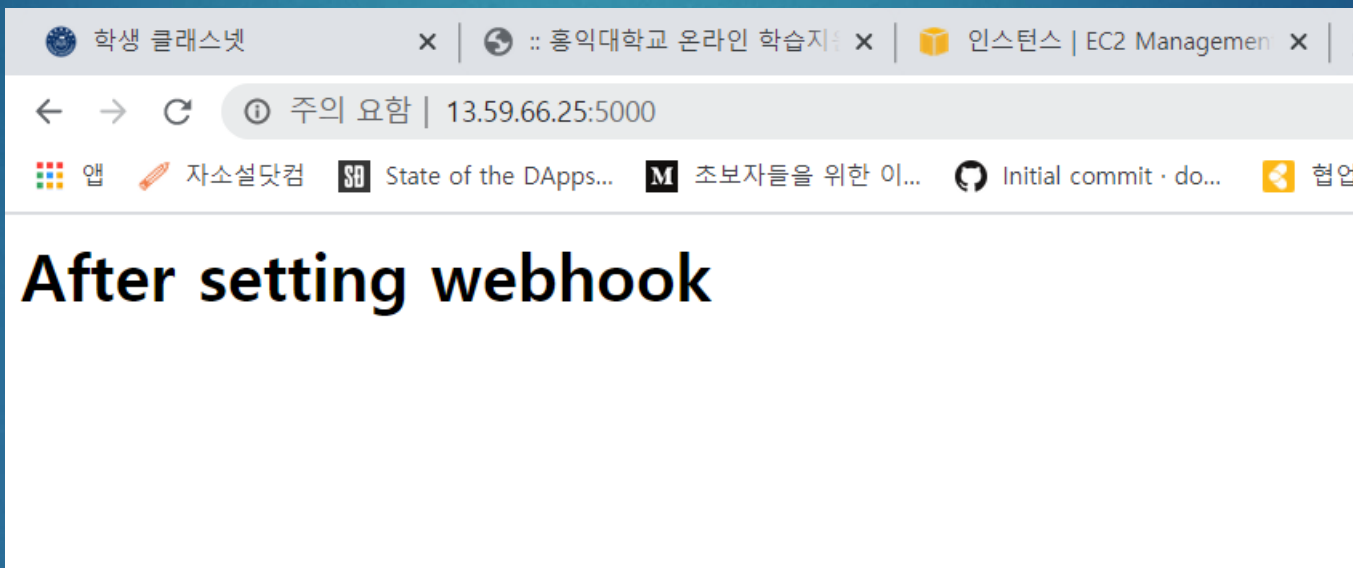
결과 화면

Jenkins Pipeline 설정

Master

```
ubuntu@ip-172-31-27-130:~$ sudo apt update

ubuntu@ip-172-31-27-130:~$ sudo apt install openjdk-8-jdk

ubuntu@ip-172-31-27-130:~$ wget -q -O - https://pkg.jenkins.io/debian-st
able/jenkins.io.key | sudo apt-key add -

root@ip-172-31-27-130:~#  vim /etc/apt/sources.list

ubuntu@ip-172-31-27-130:~$ sudo apt-get update

root@ip-172-31-27-130:~# sudo apt-get install jenkins

ubuntu@ip-172-31-27-130:~$ sudo apt-get remove docker docker-engine dock

ubuntu@ip-172-31-27-130:~$ sudo apt-get update
```

```
ubuntu@ip-172-31-27-130:~$ sudo su -
root@ip-172-31-27-130:~#  apt-get install \
> apt-transport-https \
> ca-certificates \
> curl \
> gnupg-agent \
> software-properties-common

root@ip-172-31-27-130:~# apt-get update

root@ip-172-31-27-130:~# curl -fsSL https://download.docker.com/linux/ub
untu/gpg | sudo apt-key add -
OK
root@ip-172-31-27-130:~#  apt-key fingerprint 0EBFCD88
pub    rsa4096 2017-02-22 [SCEA]
       9DC8 5822 9FC7 DD38 854A  E2D8 8D81 803C 0EBF CD88
uid           [ unknown] Docker Release (CE deb) <docker@docker.com>
sub    rsa4096 2017-02-22 [S]

root@ip-172-31-27-130:~# sudo add-apt-repository \
>    "deb [arch=amd64] https://download.docker.com/linux/ubuntu \
>    $(lsb_release -cs) \
>    stable"
```

```
root@ip-172-31-27-130:~# sudo apt-get install docker-ce docker-ce-cli co
ntainerd.io
```

```
root@ip-172-31-27-130:~# apt-get install gcc
```

```
root@ip-172-31-27-130:~# apt-get install git
```

```
root@ip-172-31-27-130:~#  systemctl status jenkins
● jenkins.service - LSB: Start Jenkins at boot time
   Loaded: loaded (/etc/init.d/jenkins; generated)
   Active: active (exited) since Tue 2020-06-02 08:56:55 UTC; 7min ago
     Docs: man:systemd-sysv-generator(8)
    Tasks: 0 (limit: 1152)
   CGroup: /system.slice/jenkins.service
```

```
root@ip-172-31-27-130:~# systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor p
   Active: active (running) since Tue 2020-06-02 09:02:28 UTC; 2min 29s
     Docs: https://docs.docker.com
 Main PID: 16241 (dockerd)
    Tasks: 8
   CGroup: /system.slice/docker.service
           └─16241 /usr/bin/dockerd -H fd:// --containerd=/run/container
```

```
root@ip-172-31-27-130:~#  usermod -aG docker jenkins
root@ip-172-31-27-130:~# git init
```

```
root@ip-172-31-27-130:~# su - jenkins
jenkins@ip-172-31-27-130:~$  groupadd docker
```

```
root@ip-172-31-27-130:~#  chown root:jenkins /var/run/docker.sock
root@ip-172-31-27-130:~# chown root:docker /var/run/docker.sock
```

Result