

Lab 3. Docker 활용

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Test.py 출력하였습니다.

```
root@0d8cb413fa0c: /home
E: Unable to locate package vi
root@0d8cb413fa0c:/home# apt install nano
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
  hunspell
The following NEW packages will be installed:
  nano
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 269 kB of archives.
After this operation, 868 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu focal/main amd64 nano amd64 4.8-1ubuntu1 [269 kB]
Fetched 269 kB in 2s (135 kB/s)
debconf: delaying package configuration, since apt-utils is not installed
Selecting previously unselected package nano.
(Reading database ... 5746 files and directories currently installed.)
Preparing to unpack .../nano_4.8-1ubuntu1_amd64.deb ...
Unpacking nano (4.8-1ubuntu1) ...
Setting up nano (4.8-1ubuntu1) ...
update-alternatives: using /bin/nano to provide /usr/bin/editor (editor) in auto mode
update-alternatives: warning: skip creation of /usr/share/man/man1/editor.1.gz because associated file /usr/share/man/man1/nano.1.gz (of link group editor) doesn't exist
update-alternatives: using /bin/pico to provide /usr/bin/pico (pico) in auto mode
update-alternatives: warning: skip creation of /usr/share/man/man1/pico.1.gz because associated file /usr/share/man/man1/nano.1.gz (of link group pico) doesn't exist
root@0d8cb413fa0c:/home# nano test.py
root@0d8cb413fa0c:/home# python test.py
hello world
root@0d8cb413fa0c:/home#

js@DESKTOP-JRQHQG1: ~
update-alternatives: using /bin/pico to provide /usr/bin/pico (pico) in auto mode
update-alternatives: warning: skip creation of /usr/share/man/man1/pico.1.gz because associated file /usr/share/man/man1/nano.1.gz (of link group pico) doesn't exist
root@0d8cb413fa0c:/home# nano test.py
root@0d8cb413fa0c:/home# python test.py
hello world
root@0d8cb413fa0c:/home# exit
exit
js@DESKTOP-JRQHQG1: ~$ docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS   NAMES
0d8cb413fa0c   ubuntu:20.04   "bash"                  11 minutes ago Exited (0) 3 seconds ago           server
2000b448390a   balenalib/raspberrypi4-64-debian "/usr/bin/entry.sh"    28 minutes ago Exited (0) 28 minutes ago           funny_northcutt
3c9e3d3d9077   balenalib/raspberrypi4-64-debian "/usr/bin/entry.sh"    28 minutes ago Exited (0) 28 minutes ago           heuristic_leavitt
c3b061d1d111   resin/raspberrypi-debian-buster "/usr/bin/entry.sh /..." 27 hours ago   Exited (255) 12 hours ago           charming_booth
8c32212b3e4   resin/raspberrypi-debian "/usr/bin/entry.sh /..." 27 hours ago   Exited (255) 12 hours ago           flamboyant_agarin
04b6d853f9e1   balenalib/raspberrypi4-64-debian "/usr/bin/entry.sh b..." 27 hours ago   Exited (255) 12 hours ago           beautiful_euclid
cb3c460675ad   hello-world    "/hello"                 27 hours ago   Exited (0) 27 hours ago           frosty_pascal
a3d34077c6d3   alpine/git     "git clone https://g..." 28 hours ago   Exited (0) 28 hours ago           frosty_repo
js@DESKTOP-JRQHQG1: ~$ docker exec server python --version
Error response from daemon: Container 0d8cb413fa0cba2552e9ddb4ec6b5e975783f6b27e7f03bc9fab933b15d8bb is not running
js@DESKTOP-JRQHQG1: ~$ docker start 0d8cb413fa0c
0d8cb413fa0c
js@DESKTOP-JRQHQG1: ~$ docker exec server python --version
Python 2.7.18
js@DESKTOP-JRQHQG1: ~$ docker commit server myubuntu
sha256:011dab25bb00ecba044a51ea7785356a205eeebc31bededec5270b64f0fa6
js@DESKTOP-JRQHQG1: ~$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
myubuntu      latest    011dab25bb00   8 seconds ago 167MB
docker101tutorial   latest    0c6fb54a384    28 hours ago  28.5MB
balenalib/raspberrypi4-64-debian   latest    9a9c493017d5   5 days ago   169MB
alpine/git     latest    c6b705346534   2 weeks ago  27.4MB
ubuntu         20.04    feb5c9cedd29   7 weeks ago   72.0MB
hello-world    latest    feb5d9fea6a5   2 months ago  13.3kB
resin/raspberrypi-debian   latest    d859a7b0f907   2 years ago   131MB
resin/raspberrypi-debian   latest    20f1ee4d4d5a   2 years ago   120MB
js@DESKTOP-JRQHQG1: ~$ docker push kkaembaak/myubuntu
Using default tag: latest
```