
Appendix.

TEANAPS 환경구축 가이드

:Docker for macOS

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Docker



Docker 가상환경 +

Jupyter NB 환경에서 Python 활용

1.

가상환경을 실행하여 **분석환경 세팅 없이** 바로 분석

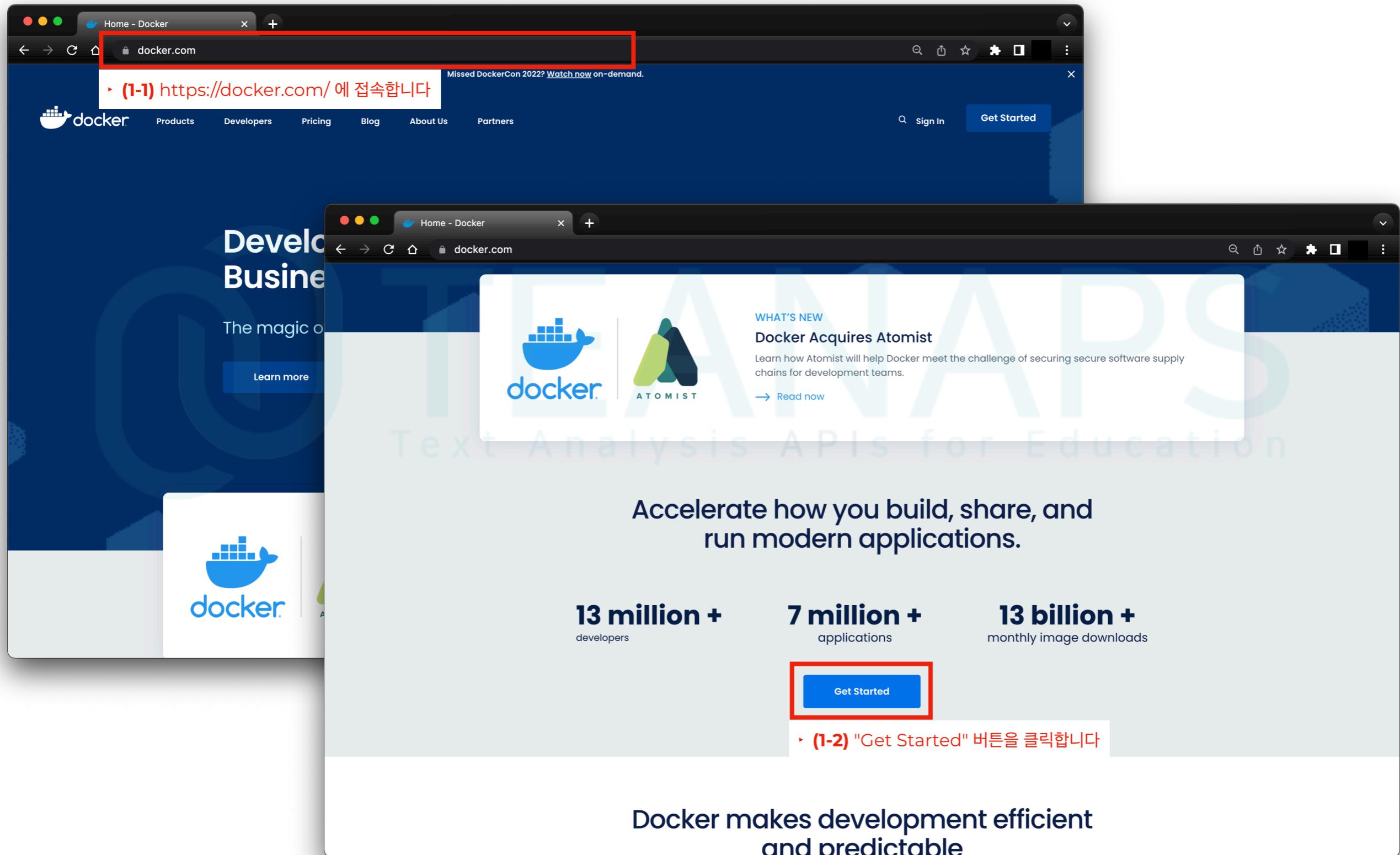
2.

Windows, macOS, Linux 환경 모두 지원

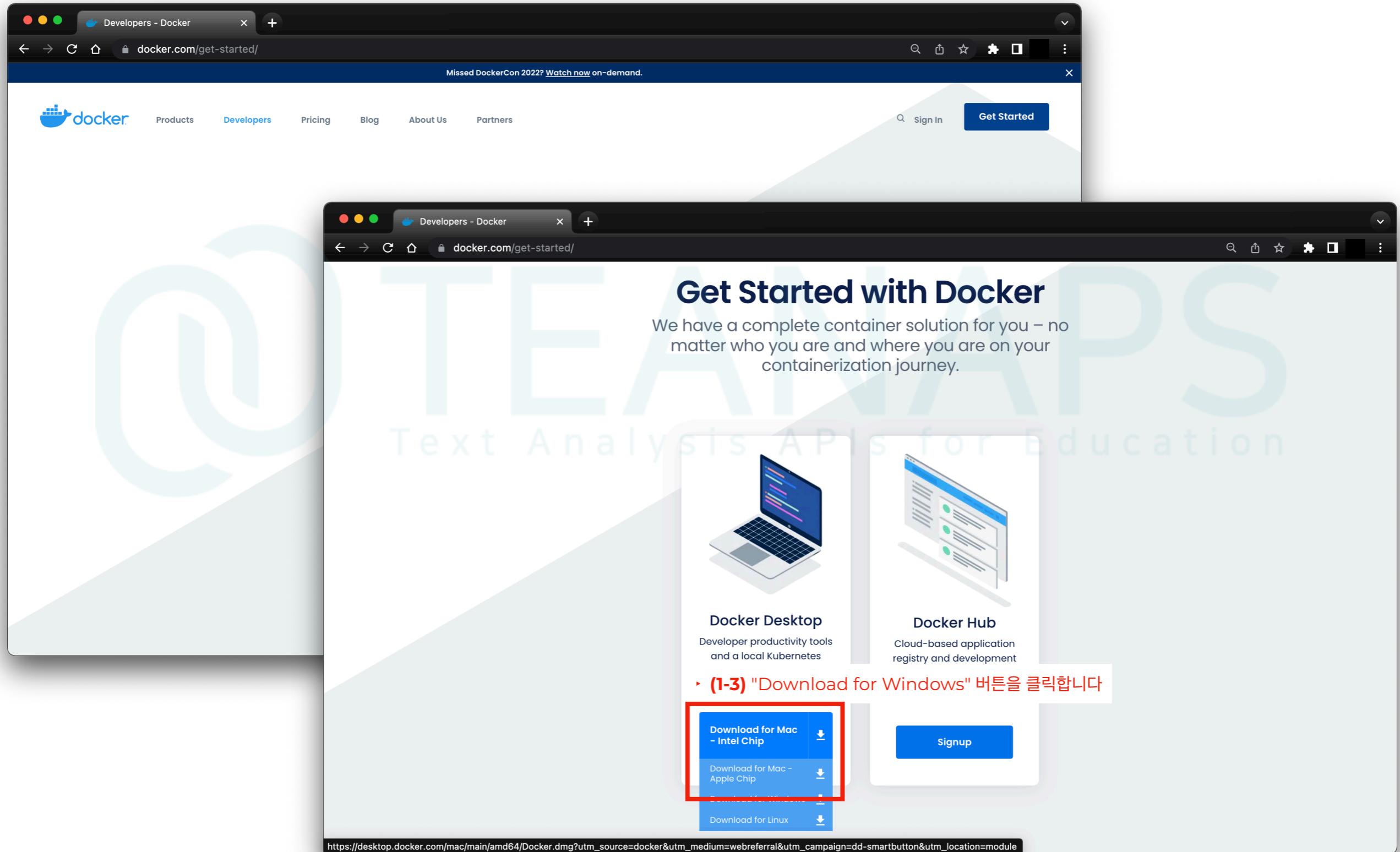
3.

내가 분석한 코드와 분석환경을 바로바로 **공유하여 활용**

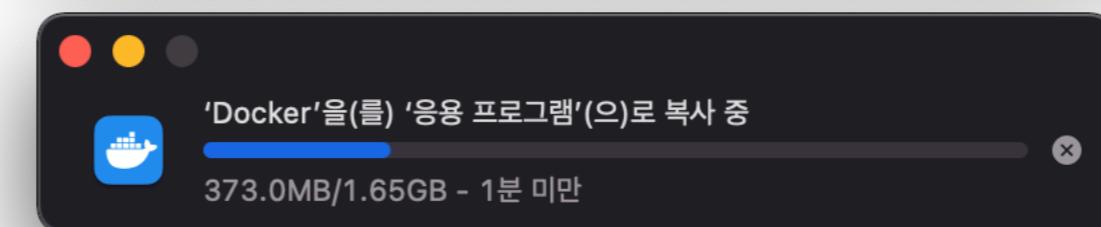
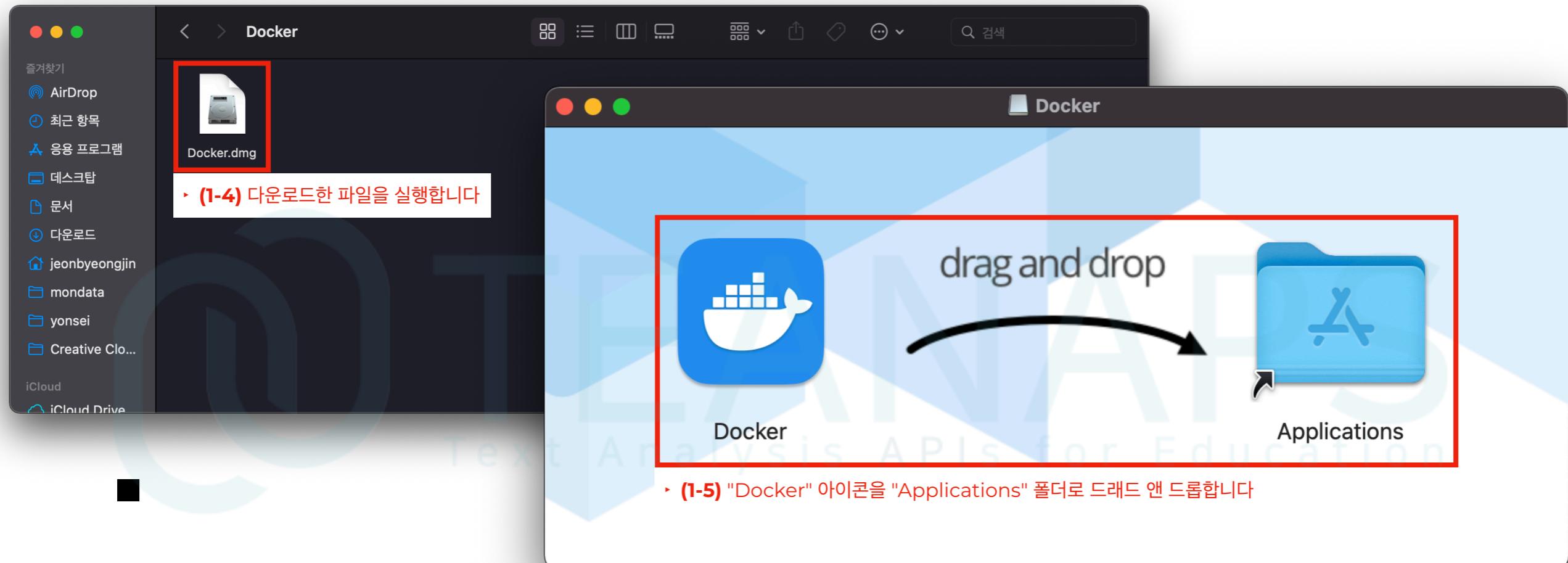
TEANAPS with Docker (for macOS)



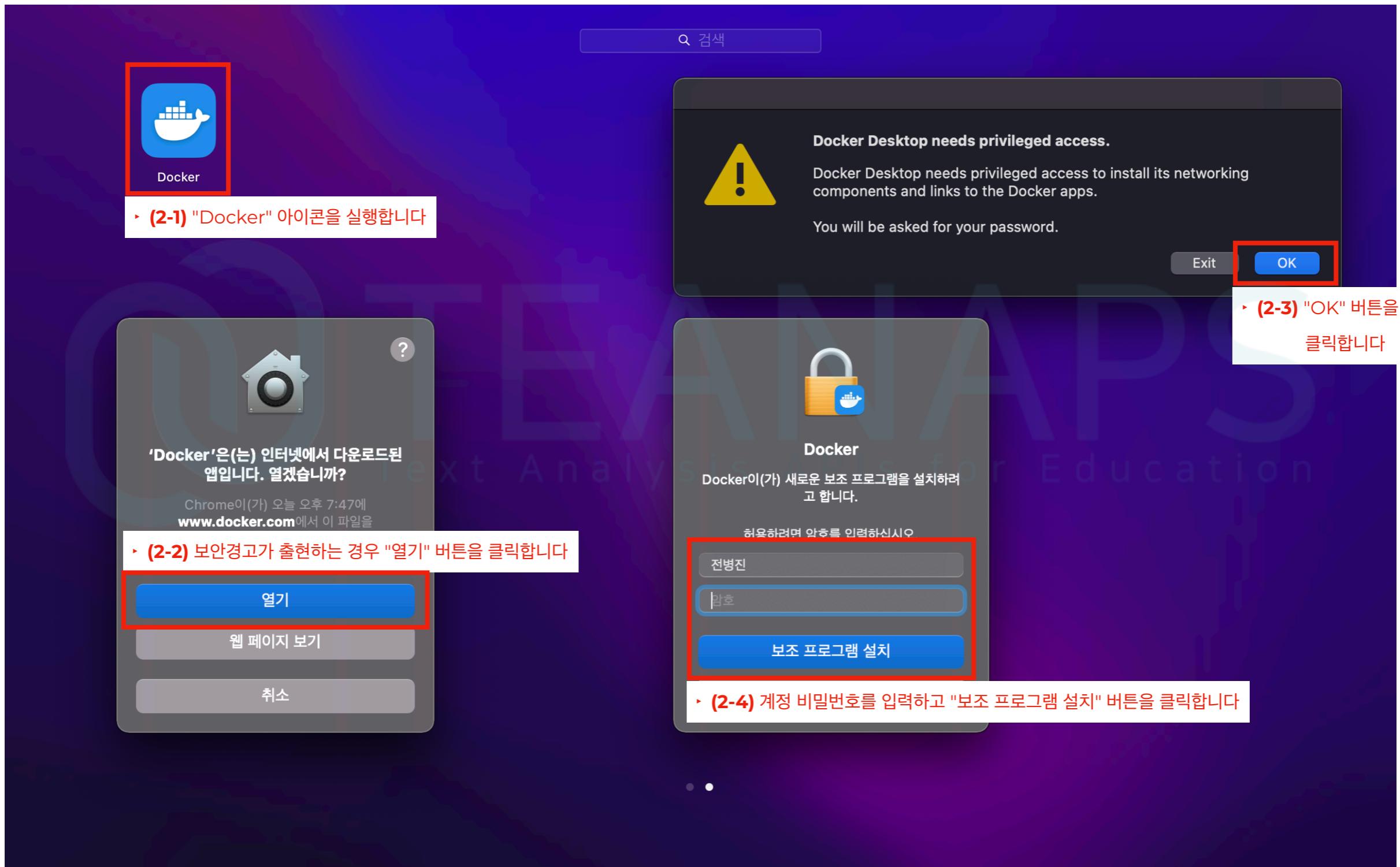
TEANAPS with Docker (for macOS)



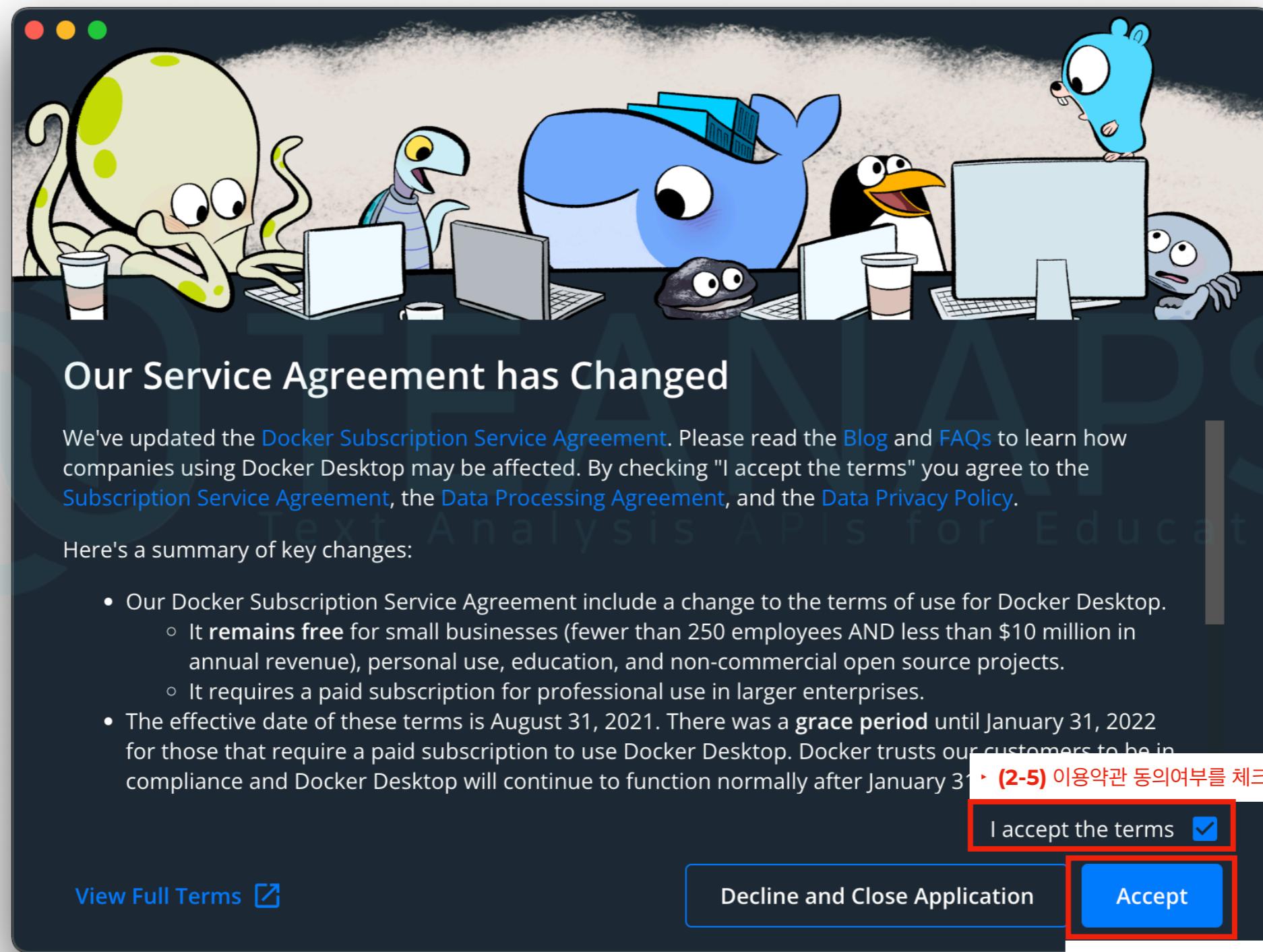
TEANAPS with Docker (for macOS)



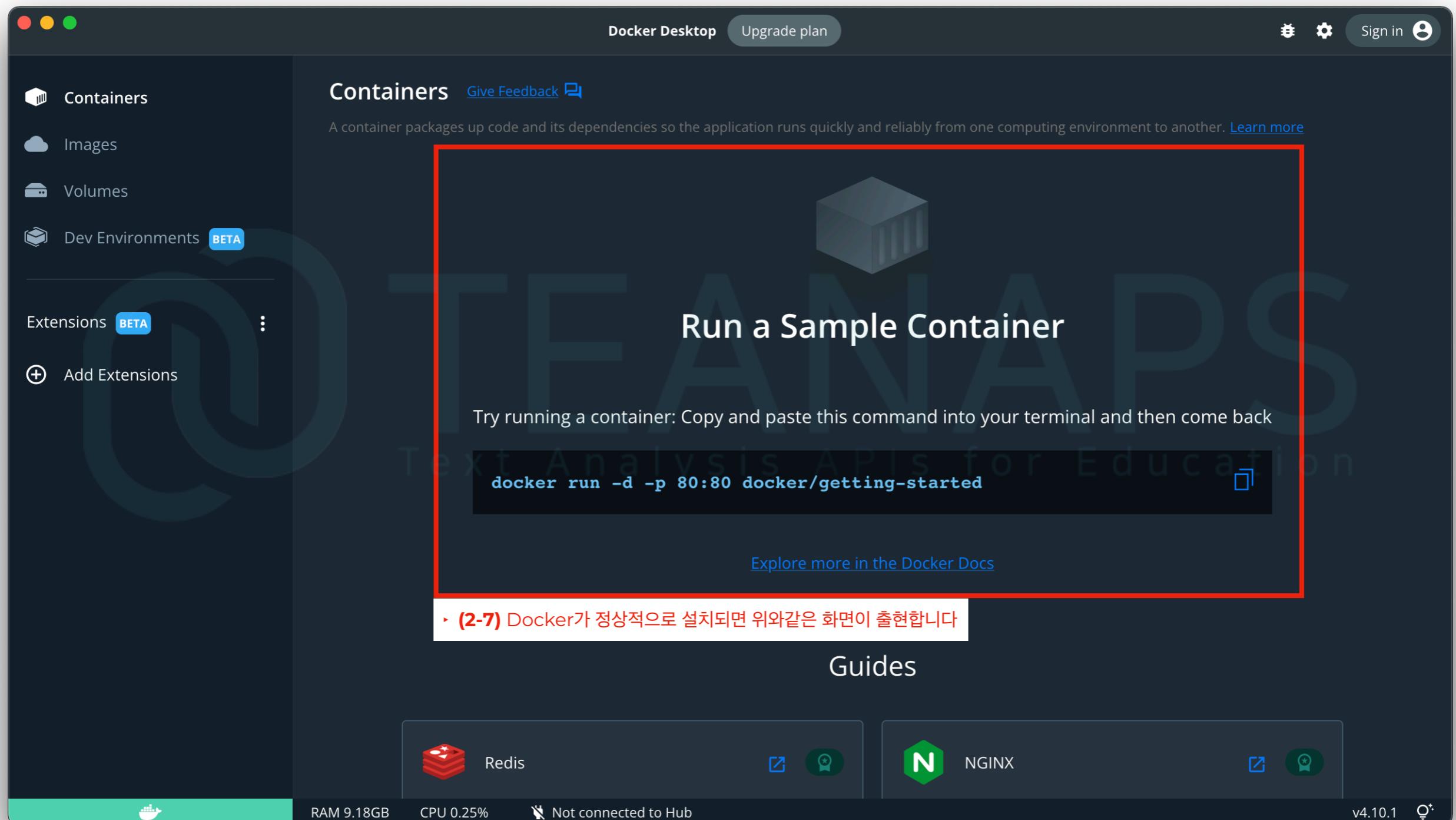
TEANAPS with Docker (for macOS)



TEANAPS with Docker (for macOS)



TEANAPS with Docker (for macOS)



TEANAPS with Docker (for macOS)

```
[j] - root@0630f9b1b7fe: / - com.docker.cli < docker run -it -p 8888:8888 --name teanaps-ubuntu fingeredman/teanap...
Last login: Fri Jul 22 15:59:08 on ttys000
[j] macbookpro13 ~ % docker
Usage: docker [OPTIONS] COMMAND
A self-sufficient runtime for containers
Options:
--config string      Location of client config files (default "/Users/j.../.docker")
--context string     Name of the context to use to connect to the daemon (overrides DOCKER_HOST env var and default
version           Show the Docker version information
wait              Block until one or more containers stop, then print their exit codes
Run 'docker COMMAND --help' for more information on a command.
To get more help with docker, check out our guides at https://docs.docker.com/go/guides/
[j] macbookpro13 ~ % docker image ls -a
REPOSITORY TAG IMAGE ID CREATED SIZE
[j] macbookpro13 ~ % docker pull fingeredman/teanaps-ubuntu:latest
latest: Pulling from fingeredman/teanaps-ubuntu
09db6f815738: Pull complete
daf35361612f: Pull complete
Digest: sha256:2b55760d0ff03d059658fa97dd323947565b279966988d2dad1338054d46ab20
Status: Downloaded newer image for f.../teanaps-ubuntu:latest
docker.io/f.../teanaps-ubuntu:latest
[j] macbookpro13 ~ % docker image ls -a
REPOSITORY TAG IMAGE ID CREATED SIZE
fingeredman/teanaps-ubuntu latest fcaeae88b4626 4 days ago 9.07GB
[j] macbookpro13 ~ % docker run -it -p 8888:8888 --name teanaps-ubuntu fingeredman/teanaps-ubuntu:latest
• (컨테이너 실행) "docker run -it -p 8888:8888 --name teanaps-ubuntu fingeredman/teanaps-ubuntu:latest"를 입력합니다
(base) root@0630f9b1b7fe:/# jupyter notebook --ip=0.0.0.0 --port=8888 --allow-root
• (Jupyter Notebook 실행) "jupyter notebook --ip=0.0.0.0 --port=8888 --allow-root"를 입력합니다
python3.7/site-packages/jupyterlab
hare/jupyter/lab
[I 07:37:26.650 NotebookApp] No web browser found. Could not locate runnable browser.
[C 07:37:26.650 NotebookApp]

To access the notebook, open this file in a browser:
file:///root/.local/share/jupyter/runtime/nbserver-36-open.html
Or copy and paste one of these URLs:
http://0630f9b1b7fe:8888/?token=d6d61b275c8015043606afe856326bca3ce104e6afe29929
or http://127.0.0.1:8888/?token=d6d61b275c8015043606afe856326bca3ce104e6afe29929
• (Jupyter Notebook 접속) "http://~" 주소를 복사하여 Chrome 브라우저에 입력합니다
[I 07:37:38.086 NotebookApp] 302 GET /?token=d6d61b275c8015043606afe856326bca3ce104e6afe29929 (172.17.0.1) 0.76ms
[I 07:37:47.411 NotebookApp] 302 GET /?token=d6d61b275c8015043606afe856326bca3ce104e6afe29929 (172.17.0.1) 0.76ms
```

TEANAPS with Docker (for macOS)

Home Page - Select or create a +
127.0.0.1:8888/tree

(Jupyter Notebook 접속) "http://~" 주소를 복사하여 Chrome 브라우저에 입력합니다

Files Running Clusters

Select items to perform actions on them.

0 /

Name ↓ Last Modified File size

6일 전

6일 전

몇 초 전 1.92 kB

(Jupyter Notebook 접속) "TEANAPS Tutorial Sample" 노트북 파일을 실행해 TEANAPS 라이브러리 동작을 확인합니다

TEANAPS Tutorial

- 본 자료는 텍스트 마이닝을 활용한 연구 및 강의를 위한 목적으로 제작되었습니다.
- 본 자료를 강의 목적으로 활용하고자 하시는 경우 꼭 아래 메일주소로 연락주세요.
- 본 자료에 대한 허가되지 않은 배포를 금지합니다.
- 강의, 저작권, 출판, 특허, 공동저자에 관련해서는 문의 바랍니다.
- Contact : ADMIN(admin@teanaps.com)

```
In [2]: from teanaps.nlp import MorphologicalAnalyzer
ma = MorphologicalAnalyzer()

In [5]: sentence = "안녕하세요. TEANAPS 튜토리얼 입니다."
result = ma.parse(sentence)
print(result)

[('안녕하세요', 'VA', (0, 5)), ('.', 'SW', (5, 6)), ('TEANAPS', 'OL', (7, 14)), ('튜토리얼', 'NNG', (15, 19)), ('입니다', 'V
A', (20, 23)), ('.', 'SW', (23, 24))]
```

In []:

Contact

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Github

<http://teanaps.com>

E.O.D

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