

OFFICIAL REPOSITORY

ubuntu (/r/ \_ubuntu/) ☆

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Repo Info (/ \_ubuntu/)

### Short Description

Ubuntu is a Debian-based Linux operating system based on free software.

### Full Description

## Supported tags and respective Dockerfile links

- 18.04 , bionic-20181112 , bionic , latest (*bionic/Dockerfile*)  
(<https://github.com/tianon/docker-brew-ubuntu-core/blob/490e0e86ec5c93524b7ae37b79025e5ded5efcc6/bionic/Dockerfile>)
- 18.10 , cosmic-20181114 , cosmic , rolling (*cosmic/Dockerfile*)  
(<https://github.com/tianon/docker-brew-ubuntu-core/blob/490e0e86ec5c93524b7ae37b79025e5ded5efcc6/cosmic/Dockerfile>)
- 19.04 , disco-20181112 , disco , devel (*disco/Dockerfile*)  
(<https://github.com/tianon/docker-brew-ubuntu-core/blob/490e0e86ec5c93524b7ae37b79025e5ded5efcc6/disco/Dockerfile>)
- 14.04 , trusty-20181115 , trusty (*trusty/Dockerfile*)  
(<https://github.com/tianon/docker-brew-ubuntu-core/blob/490e0e86ec5c93524b7ae37b79025e5ded5efcc6/trusty/Dockerfile>)
- 16.04 , xenial-20181113 , xenial (*xenial/Dockerfile*)  
(<https://github.com/tianon/docker-brew-ubuntu-core/blob/490e0e86ec5c93524b7ae37b79025e5ded5efcc6/xenial/Dockerfile>)

## Quick reference

- **Where to get help:**  
[the Docker Community Forums \(https://forums.docker.com/\)](https://forums.docker.com/), [the Docker Community Slack \(https://blog.docker.com/2016/11/introducing-docker-community-directory-docker-community-slack/\)](https://blog.docker.com/2016/11/introducing-docker-community-directory-docker-community-slack/), or [Stack Overflow \(https://stackoverflow.com/search?tab=newest&q=docker\)](https://stackoverflow.com/search?tab=newest&q=docker)

- **Where to file issues:**  
the cloud-images bug tracker (<https://bugs.launchpad.net/cloud-images>) (include the docker tag)
- **Maintained by:**  
[Canonical \(https://partner-images.canonical.com/core/\)](https://partner-images.canonical.com/core/) and [Tianon \(Debian Developer\) \(https://github.com/tianon/docker-brew-ubuntu-core\)](https://github.com/tianon/docker-brew-ubuntu-core)
- **Supported architectures:** (more info (<https://github.com/docker-library/official-images#architectures-other-than-amd64>))  
[amd64 \(https://hub.docker.com/r/amd64/ubuntu/\)](https://hub.docker.com/r/amd64/ubuntu/), [arm32v7 \(https://hub.docker.com/r/arm32v7/ubuntu/\)](https://hub.docker.com/r/arm32v7/ubuntu/), [arm64v8 \(https://hub.docker.com/r/arm64v8/ubuntu/\)](https://hub.docker.com/r/arm64v8/ubuntu/), [i386 \(https://hub.docker.com/r/i386/ubuntu/\)](https://hub.docker.com/r/i386/ubuntu/), [ppc64le \(https://hub.docker.com/r/ppc64le/ubuntu/\)](https://hub.docker.com/r/ppc64le/ubuntu/), [s390x \(https://hub.docker.com/r/s390x/ubuntu/\)](https://hub.docker.com/r/s390x/ubuntu/)
- **Published image artifact details:**  
[repo-info repo's repos/ubuntu/ directory \(https://github.com/docker-library/repo-info/blob/master/repos/ubuntu\)](https://github.com/docker-library/repo-info/blob/master/repos/ubuntu/) ([history \(https://github.com/docker-library/repo-info/commits/master/repos/ubuntu\)](https://github.com/docker-library/repo-info/commits/master/repos/ubuntu/))  
(image metadata, transfer size, etc)
- **Image updates:**  
[official-images PRs with label library/ubuntu \(https://github.com/docker-library/official-images/pulls?q=label%3Alibrary%2Fubuntu\)](https://github.com/docker-library/official-images/pulls?q=label%3Alibrary%2Fubuntu)  
[official-images repo's library/ubuntu file \(https://github.com/docker-library/official-images/blob/master/library/ubuntu\)](https://github.com/docker-library/official-images/blob/master/library/ubuntu) ([history \(https://github.com/docker-library/official-images/commits/master/library/ubuntu\)](https://github.com/docker-library/official-images/commits/master/library/ubuntu/))
- **Source of this description:**  
[docs repo's ubuntu/ directory \(https://github.com/docker-library/docs/tree/master/ubuntu\)](https://github.com/docker-library/docs/tree/master/ubuntu) ([history \(https://github.com/docker-library/docs/commits/master/ubuntu\)](https://github.com/docker-library/docs/commits/master/ubuntu/))
- **Supported Docker versions:**  
the latest release (<https://github.com/docker/docker-ce/releases/latest>) (down to 1.6 on a best-effort basis)

## What is Ubuntu?

Ubuntu is a Debian-based Linux operating system, with Unity as its default desktop environment. It is based on free software and named after the Southern African philosophy of ubuntu (literally, "human-ness"), which often is translated as "humanity towards others"

or "the belief in a universal bond of sharing that connects all humanity".

Development of Ubuntu is led by UK-based Canonical Ltd., a company owned by South African entrepreneur Mark Shuttleworth. Canonical generates revenue through the sale of technical support and other services related to Ubuntu. The Ubuntu project is publicly committed to the principles of open-source software development; people are encouraged to use free software, study how it works, improve upon it, and distribute it.

[wikipedia.org/wiki/Ubuntu\\_\(operating\\_system\)](https://en.wikipedia.org/wiki/Ubuntu_(operating_system))

[\(https://en.wikipedia.org/wiki/Ubuntu\\_%28operating\\_system%29\)](https://en.wikipedia.org/wiki/Ubuntu_%28operating_system%29)



## What's in this image?

This image is built from official rootfs tarballs provided by Canonical (specifically, <https://partner-images.canonical.com/core/> (<https://partner-images.canonical.com/core/>)).

The `ubuntu:latest` tag points to the "latest LTS", since that's the version recommended for general use. The `ubuntu:rolling` tag points to the latest release (regardless of LTS status).

Along a similar vein, the `ubuntu:devel` tag is an alias for whichever release the "devel" suite on the mirrors currently points to, as determined by the following one-liner: `wget -qO- http://archive.ubuntu.com/ubuntu/dists/devel/Release | awk -F ': ' ' $1 == "Codename" { print $2; exit }'`

## Locales

Given that it is a minimal install of Ubuntu, this image only includes the `C`, `C.UTF-8`, and `POSIX` locales by default. For most uses requiring a UTF-8 locale, `C.UTF-8` is likely sufficient ( `-e LANG=C.UTF-8` or `ENV LANG C.UTF-8` ).

For uses where that is not sufficient, other locales can be installed/generated via the `locales` package. [PostgreSQL has a good example of doing so](https://github.com/docker-) (<https://github.com/docker->

[library/postgres/blob/69bc540ecffecce72d49fa7e4a46680350037f9/9.6/Dockerfile#L21-L24](https://github.com/postgres/postgres/blob/69bc540ecffecce72d49fa7e4a46680350037f9/9.6/Dockerfile#L21-L24)), copied below:

```
RUN apt-get update && apt-get install -y locales && rm -rf /var/lib
    && localedef -i en_US -c -f UTF-8 -A /usr/share/locale/locale.a
ENV LANG en_US.utf8
```

**/etc/apt/sources.list**

**ubuntu:18.04**

```
$ docker run ubuntu:18.04 grep -v '^#' /etc/apt/sources.list

deb http://archive.ubuntu.com/ubuntu/ bionic main restricted

deb http://archive.ubuntu.com/ubuntu/ bionic-updates main restricte

deb http://archive.ubuntu.com/ubuntu/ bionic universe
deb-src http://archive.ubuntu.com/ubuntu/ bionic universe
deb http://archive.ubuntu.com/ubuntu/ bionic-updates universe
deb-src http://archive.ubuntu.com/ubuntu/ bionic-updates universe

deb http://archive.ubuntu.com/ubuntu/ bionic multiverse
deb http://archive.ubuntu.com/ubuntu/ bionic-updates multiverse

deb http://archive.ubuntu.com/ubuntu/ bionic-backports main restrict

deb http://security.ubuntu.com/ubuntu/ bionic-security main restrict
deb http://security.ubuntu.com/ubuntu/ bionic-security universe
deb-src http://security.ubuntu.com/ubuntu/ bionic-security universe
deb http://security.ubuntu.com/ubuntu/ bionic-security multiverse
```

**ubuntu:16.04**

```
$ docker run ubuntu:16.04 grep -v '^#' /etc/apt/sources.list
```

```
deb http://archive.ubuntu.com/ubuntu/ xenial main restricted
deb-src http://archive.ubuntu.com/ubuntu/ xenial main restricted
```

```
deb http://archive.ubuntu.com/ubuntu/ xenial-updates main restricte
deb-src http://archive.ubuntu.com/ubuntu/ xenial-updates main restr
```

```
deb http://archive.ubuntu.com/ubuntu/ xenial universe
deb-src http://archive.ubuntu.com/ubuntu/ xenial universe
deb http://archive.ubuntu.com/ubuntu/ xenial-updates universe
deb-src http://archive.ubuntu.com/ubuntu/ xenial-updates universe
```

```
deb http://archive.ubuntu.com/ubuntu/ xenial-security main restrict
deb-src http://archive.ubuntu.com/ubuntu/ xenial-security main rest
deb http://archive.ubuntu.com/ubuntu/ xenial-security universe
deb-src http://archive.ubuntu.com/ubuntu/ xenial-security universe
```

## ubuntu:14.04

```
$ docker run ubuntu:14.04 grep -v '^#' /etc/apt/sources.list
```

```
deb http://archive.ubuntu.com/ubuntu/ trusty main restricted
deb-src http://archive.ubuntu.com/ubuntu/ trusty main restricted
```

```
deb http://archive.ubuntu.com/ubuntu/ trusty-updates main restricte
deb-src http://archive.ubuntu.com/ubuntu/ trusty-updates main restr
```

```
deb http://archive.ubuntu.com/ubuntu/ trusty universe
deb-src http://archive.ubuntu.com/ubuntu/ trusty universe
deb http://archive.ubuntu.com/ubuntu/ trusty-updates universe
deb-src http://archive.ubuntu.com/ubuntu/ trusty-updates universe
```

```
deb http://archive.ubuntu.com/ubuntu/ trusty-security main restrict
deb-src http://archive.ubuntu.com/ubuntu/ trusty-security main rest
deb http://archive.ubuntu.com/ubuntu/ trusty-security universe
deb-src http://archive.ubuntu.com/ubuntu/ trusty-security universe
```

## License

View [license information \(https://www.ubuntu.com/about/about-ubuntu/licensing\)](https://www.ubuntu.com/about/about-ubuntu/licensing) for the software contained in this image.

As with all Docker images, these likely also contain other software which may be under other licenses (such as Bash, etc from the base distribution, along with any direct or indirect dependencies of the primary software being contained).

Some additional license information which was able to be auto-detected might be found in the [repo-info repository's ubuntu/ directory](https://github.com/docker-library/repo-info/tree/master/repos/ubuntu) (<https://github.com/docker-library/repo-info/tree/master/repos/ubuntu>).

As for any pre-built image usage, it is the image user's responsibility to ensure that any use of this image complies with any relevant licenses for all software contained within.

Docker Pull Command



```
docker pull ubuntu
```