Installing php-imagick module on Ubuntu 22.04

Now, those who are using some PHP-based applications, for example, WordPress, and required php-imagick package or extension on their Ubuntu 22.04 server to enable image manipulation capabilities can use the given command.

```
sudo apt-get install php-imagick
```

It will install the ImageMagick extension for PHP, depending upon the PHP version available to install. For example in Ubuntu 22.04, while the time of writing this article the current version was php8.1.

```
:~$ sudo apt-get install php-imagick
[sudo] password for user:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  fonts-droid-fallback fonts-noto-mono fonts-urw-base35 ghostscript gsfonts
imagemagick-6-common libaom3
  libavahi-client3 libavahi-common-data libavahi-common3 libcups2 libdav1d5
libde265-0 libfftw3-double3 libgomp1
  libgs9 libgs9-common libheif1 libidn12 libijs-0.35 libjbig2dec0 liblcms2-2
liblqr-1-0 libltdl7 libmagickcore-6.q16-6
  libmagickwand-6.q16-6 libopenjp2-7 libpaper-utils libpaper1 libwebpdemux2
libwebpmux3 libx265-199 php8.1-imagick
  poppler-data
Suggested packages:
  fonts-noto fonts-freefont-otf | fonts-freefont-ttf fonts-texgyre
ghostscript-x cups-common libfftw3-bin libfftw3-dev
  liblcms2-utils libmagickcore-6.q16-6-extra poppler-utils fonts-japanese-
mincho | fonts-ipafont-mincho
  fonts-japanese-gothic | fonts-ipafont-gothic fonts-arphic-ukai fonts-
arphic-uming fonts-nanum
Recommended packages:
  ttf-dejavu-core
The following NEW packages will be installed:
  fonts-droid-fallback fonts-noto-mono fonts-urw-base35 ghostscript gsfonts
imagemagick-6-common libaom3
  libavahi-client3 libavahi-common-data libavahi-common3 libcups2 libdav1d5
libde265-0 libfftw3-double3 libgomp1
  libgs9 libgs9-common libheif1 libidn12 libijs-0.35 libjbig2dec0 liblcms2-2
liblqr-1-0 libltdl7 libmagickcore-6.q16-6
  libmagickwand-6.q16-6 libopenjp2-7 libpaper-utils libpaper1 libwebpdemux2
libwebpmux3 libx265-199 php-imagick
  php8.1-imagick poppler-data
0 upgraded, 35 newly installed, 0 to remove and 0 not upgraded.
Need to get 27.6 MB of archives.
```

```
After this operation, 106 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 fonts-droid-
fallback all 1:6.0.1r16-1.1build1 [1,805 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libgomp1
amd64 12.1.0-2ubuntu1~22.04 [126 kB]
Get:3 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 libfftw3-double3
amd64 3.3.8-2ubuntu8 [770 kB]
Get:4 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 libaom3 amd64
3.3.0-1 [1,748 kB]
Get:5 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 libdav1d5
amd64 0.9.2-1 [463 kB]
Get:6 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 libde265-0
amd64 1.0.8-1 [243 kB]
Get:7 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 libx265-199
amd64 3.5-2 [1,170 kB]
Get:8 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 libheif1
amd64 1.12.0-2build1 [196 kB]
Get:9 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 liblcms2-2 amd64
2.12~rc1-2build2 [159 kB]
Get:10 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 liblqr-1-0
amd64 0.4.2-2.1 [27.7 kB]
Get:11 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 libltdl7 amd64
2.4.6-15build2 [39.6 kB]
Get:12 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 libopenjp2-7
amd64 2.4.0-6 [158 kB]
Get:13 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64
libwebpdemux2 amd64 1.2.2-2ubuntu0.22.04.1 [9,968 B]
Get:14 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64
libwebpmux3 amd64 1.2.2-2ubuntu0.22.04.1 [20.5 kB]
Get:15 http://us.archive.ubuntu.com/ubuntu jammy-updates/universe amd64
imagemagick-6-common all 8:6.9.11.60+dfsg-1.3ubuntu0.22.04.3 [63.6 kB]
Get:16 http://us.archive.ubuntu.com/ubuntu jammy-updates/universe amd64
libmagickcore-6.q16-6 amd64 8:6.9.11.60+dfsg-1.3ubuntu0.22.04.3 [1,788 kB]
Get:17 http://us.archive.ubuntu.com/ubuntu jammy-updates/universe amd64
libmagickwand-6.q16-6 amd64 8:6.9.11.60+dfsg-1.3ubuntu0.22.04.3 [328 kB]
Get:18 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 php8.1-
imagick amd64 3.6.0-4ubuntu1 [117 kB]
Get:19 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 php-imagick
amd64 3.6.0-4ubuntu1 [4,436 B]
Get:20 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 poppler-data all
0.4.11-1 [2,171 kB]
Get:21 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 fonts-noto-mono
all 20201225-1build1 [397 kB]
Get:22 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 fonts-urw-base35
all 20200910-1 [6,367 kB]
Get:23 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libgs9-
common all 9.55.0~dfsg1-0ubuntu5.2 [752 kB]
Get:24 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64
libavahi-common-data amd64 0.8-5ubuntu5.1 [23.5 kB]
```

```
Get:25 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64
libavahi-common3 amd64 0.8-5ubuntu5.1 [23.7 kB]
Get:26 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64
libavahi-client3 amd64 0.8-5ubuntu5.1 [28.0 kB]
Get:27 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libcups2
amd64 2.4.1op1-1ubuntu4.2 [263 kB]
Get:28 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 libidn12 amd64
1.38-4build1 [60.6 kB]
Get:29 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 libijs-0.35
amd64 0.35-15build2 [16.5 kB]
Get:30 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 libjbig2dec0
amd64 0.19-3build2 [64.7 kB]
Get:31 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 libpaper1 amd64
1.1.28build2 [13.8 kB]
Get:32 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libgs9
amd64 9.55.0~dfsg1-0ubuntu5.2 [5,037 kB]
Get:33 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64
ghostscript amd64 9.55.0~dfsg1-0ubuntu5.2 [49.4 kB]
Get:34 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 gsfonts all
1:8.11+urwcyr1.0.7~pre44-4.5 [3,120 kB]
Get:35 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 libpaper-utils
amd64 1.1.28build2 [8,674 B]
Fetched 27.6 MB in 12s (2,348 kB/s)
Extracting templates from packages: 100%
Preconfiguring packages ...
Selecting previously unselected package fonts-droid-fallback.
(Reading database ... 81346 files and directories currently installed.)
Preparing to unpack .../00-fonts-droid-
fallback_1%3a6.0.1r16-1.1build1_all.deb ...
Unpacking fonts-droid-fallback (1:6.0.1r16-1.1build1) ...
Selecting previously unselected package libgomp1:amd64.
Preparing to unpack .../01-libgomp1_12.1.0-2ubuntu1~22.04_amd64.deb ...
Unpacking libgomp1:amd64 (12.1.0-2ubuntu1~22.04) ...
Selecting previously unselected package libfftw3-double3:amd64.
Preparing to unpack .../02-libfftw3-double3_3.3.8-2ubuntu8_amd64.deb ...
Unpacking libfftw3-double3:amd64 (3.3.8-2ubuntu8) ...
Selecting previously unselected package libaom3:amd64.
Preparing to unpack .../03-libaom3_3.3.0-1_amd64.deb ...
Unpacking libaom3:amd64 (3.3.0-1) ...
Selecting previously unselected package libdav1d5:amd64.
Preparing to unpack .../04-libdav1d5_0.9.2-1_amd64.deb ...
Unpacking libdav1d5:amd64 (0.9.2-1) ...
Selecting previously unselected package libde265-0:amd64.
Preparing to unpack .../05-libde265-0_1.0.8-1_amd64.deb ...
Unpacking libde265-0:amd64 (1.0.8-1) ...
Selecting previously unselected package libx265-199:amd64.
Preparing to unpack .../06-libx265-199_3.5-2_amd64.deb ...
Unpacking libx265-199:amd64 (3.5-2) ...
Selecting previously unselected package libheif1:amd64.
Preparing to unpack .../07-libheif1_1.12.0-2build1_amd64.deb ...
Unpacking libheif1:amd64 (1.12.0-2build1) ...
```

```
Selecting previously unselected package liblcms2-2:amd64.
Preparing to unpack .../08-liblcms2-2_2.12~rc1-2build2_amd64.deb ...
Unpacking liblcms2-2:amd64 (2.12~rc1-2build2) ...
Selecting previously unselected package liblqr-1-0:amd64.
Preparing to unpack .../09-liblqr-1-0_0.4.2-2.1_amd64.deb ...
Unpacking liblqr-1-0:amd64 (0.4.2-2.1) ...
Selecting previously unselected package libltdl7:amd64.
Preparing to unpack .../10-libltdl7_2.4.6-15build2_amd64.deb ...
Unpacking libltdl7:amd64 (2.4.6-15build2) ...
Selecting previously unselected package libopenjp2-7:amd64.
Preparing to unpack .../11-libopenjp2-7_2.4.0-6_amd64.deb ...
Unpacking libopenjp2-7:amd64 (2.4.0-6) ...
Selecting previously unselected package libwebpdemux2:amd64.
Preparing to unpack .../12-libwebpdemux2_1.2.2-2ubuntu0.22.04.1_amd64.deb
...
Unpacking libwebpdemux2:amd64 (1.2.2-2ubuntu0.22.04.1) ...
Selecting previously unselected package libwebpmux3:amd64.
Preparing to unpack .../13-libwebpmux3_1.2.2-2ubuntu0.22.04.1_amd64.deb ...
Unpacking libwebpmux3:amd64 (1.2.2-2ubuntu0.22.04.1) ...
Selecting previously unselected package imagemagick-6-common.
Preparing to unpack .../14-imagemagick-6-
common_8%3a6.9.11.60+dfsg-1.3ubuntu0.22.04.3_all.deb ...
Unpacking imagemagick-6-common (8:6.9.11.60+dfsg-1.3ubuntu0.22.04.3) ...
Selecting previously unselected package libmagickcore-6.q16-6:amd64.
Preparing to unpack .../15-
libmagickcore-6.q16-6_8%3a6.9.11.60+dfsg-1.3ubuntu0.22.04.3_amd64.deb ...
Unpacking libmagickcore-6.q16-6:amd64 (8:6.9.11.60+dfsg-1.3ubuntu0.22.04.3)
...
Selecting previously unselected package libmagickwand-6.q16-6:amd64.
Preparing to unpack .../16-
libmagickwand-6.q16-6_8%3a6.9.11.60+dfsg-1.3ubuntu0.22.04.3_amd64.deb ...
Unpacking libmagickwand-6.q16-6:amd64 (8:6.9.11.60+dfsg-1.3ubuntu0.22.04.3)
...
Selecting previously unselected package php8.1-imagick.
Preparing to unpack .../17-php8.1-imagick_3.6.0-4ubuntu1_amd64.deb ...
Unpacking php8.1-imagick (3.6.0-4ubuntu1) ...
Selecting previously unselected package php-imagick.
Preparing to unpack .../18-php-imagick_3.6.0-4ubuntu1_amd64.deb ...
Unpacking php-imagick (3.6.0-4ubuntu1) ...
Selecting previously unselected package poppler-data.
Preparing to unpack .../19-poppler-data_0.4.11-1_all.deb ...
Unpacking poppler-data (0.4.11-1) ...
Selecting previously unselected package fonts-noto-mono.
Preparing to unpack .../20-fonts-noto-mono_20201225-1build1_all.deb ...
Unpacking fonts-noto-mono (20201225-1build1) ...
Selecting previously unselected package fonts-urw-base35.
Preparing to unpack .../21-fonts-urw-base35_20200910-1_all.deb ...
Unpacking fonts-urw-base35 (20200910-1) ...
Selecting previously unselected package libgs9-common.
Preparing to unpack .../22-libgs9-common_9.55.0~dfsg1-0ubuntu5.2_all.deb ...
```

```
Unpacking libgs9-common (9.55.0~dfsg1-0ubuntu5.2) ...
Selecting previously unselected package libavahi-common-data:amd64.
Preparing to unpack .../23-libavahi-common-data_0.8-5ubuntu5.1_amd64.deb ...
Unpacking libavahi-common-data:amd64 (0.8-5ubuntu5.1) ...
Selecting previously unselected package libavahi-common3:amd64.
Preparing to unpack .../24-libavahi-common3_0.8-5ubuntu5.1_amd64.deb ...
Unpacking libavahi-common3:amd64 (0.8-5ubuntu5.1) ...
Selecting previously unselected package libavahi-client3:amd64.
Preparing to unpack .../25-libavahi-client3_0.8-5ubuntu5.1_amd64.deb ...
Unpacking libavahi-client3:amd64 (0.8-5ubuntu5.1) ...
Selecting previously unselected package libcups2:amd64.
Preparing to unpack .../26-libcups2_2.4.1op1-1ubuntu4.2_amd64.deb ...
Unpacking libcups2:amd64 (2.4.1op1-1ubuntu4.2) ...
Selecting previously unselected package libidn12:amd64.
Preparing to unpack .../27-libidn12_1.38-4build1_amd64.deb ...
Unpacking libidn12:amd64 (1.38-4build1) ...
Selecting previously unselected package libijs-0.35:amd64.
Preparing to unpack .../28-libijs-0.35_0.35-15build2_amd64.deb ...
Unpacking libijs-0.35:amd64 (0.35-15build2) ...
Selecting previously unselected package libjbig2dec0:amd64.
Preparing to unpack .../29-libjbig2dec0_0.19-3build2_amd64.deb ...
Unpacking libjbig2dec0:amd64 (0.19-3build2) ...
Selecting previously unselected package libpaper1:amd64.
Preparing to unpack .../30-libpaper1_1.1.28build2_amd64.deb ...
Unpacking libpaper1:amd64 (1.1.28build2) ...
Selecting previously unselected package libgs9:amd64.
Preparing to unpack .../31-libgs9_9.55.0~dfsg1-0ubuntu5.2_amd64.deb ...
Unpacking libgs9:amd64 (9.55.0~dfsg1-0ubuntu5.2) ...
Selecting previously unselected package ghostscript.
Preparing to unpack .../32-ghostscript_9.55.0~dfsg1-0ubuntu5.2_amd64.deb ...
Unpacking ghostscript (9.55.0~dfsg1-0ubuntu5.2) ...
Selecting previously unselected package gsfonts.
Preparing to unpack .../33-gsfonts_1%3a8.11+urwcyr1.0.7~pre44-4.5_all.deb
...
Unpacking gsfonts (1:8.11+urwcyr1.0.7~pre44-4.5) ...
Selecting previously unselected package libpaper-utils.
Preparing to unpack .../34-libpaper-utils_1.1.28build2_amd64.deb ...
Unpacking libpaper-utils (1.1.28build2) ...
Setting up liblcms2-2:amd64 (2.12~rc1-2build2) ...
Setting up libpaper1:amd64 (1.1.28build2) ...

Creating config file /etc/papersize with new version
Setting up libaom3:amd64 (3.3.0-1) ...
Setting up imagemagick-6-common (8:6.9.11.60+dfsg-1.3ubuntu0.22.04.3) ...
Setting up fonts-noto-mono (20201225-1build1) ...
Setting up libijs-0.35:amd64 (0.35-15build2) ...
Setting up libwebpdemux2:amd64 (1.2.2-2ubuntu0.22.04.1) ...
Setting up libpaper-utils (1.1.28build2) ...
Setting up fonts-urw-base35 (20200910-1) ...
Setting up libgomp1:amd64 (12.1.0-2ubuntu1~22.04) ...
Setting up poppler-data (0.4.11-1) ...
```

```
Setting up libjbig2dec0:amd64 (0.19-3build2) ...
Setting up gsfonts (1:8.11+urwcyr1.0.7~pre44-4.5) ...
Setting up libavahi-common-data:amd64 (0.8-5ubuntu5.1) ...
Setting up libidn12:amd64 (1.38-4build1) ...
Setting up libltdl7:amd64 (2.4.6-15build2) ...
Setting up libfftw3-double3:amd64 (3.3.8-2ubuntu8) ...
Setting up libx265-199:amd64 (3.5-2) ...
Setting up liblqr-1-0:amd64 (0.4.2-2.1) ...
Setting up libopenjp2-7:amd64 (2.4.0-6) ...
Setting up fonts-droid-fallback (1:6.0.1r16-1.1build1) ...
Setting up libdav1d5:amd64 (0.9.2-1) ...
Setting up libde265-0:amd64 (1.0.8-1) ...
Setting up libwebpmux3:amd64 (1.2.2-2ubuntu0.22.04.1) ...
Setting up libgs9-common (9.55.0~dfsg1-0ubuntu5.2) ...
Setting up libheif1:amd64 (1.12.0-2build1) ...
Setting up libavahi-common3:amd64 (0.8-5ubuntu5.1) ...
Setting up libmagickcore-6.q16-6:amd64 (8:6.9.11.60+dfsg-1.3ubuntu0.22.04.3)
...
Setting up libmagickwand-6.q16-6:amd64 (8:6.9.11.60+dfsg-1.3ubuntu0.22.04.3)
...
Setting up php8.1-imagick (3.6.0-4ubuntu1) ...
Setting up php-imagick (3.6.0-4ubuntu1) ...
Setting up libavahi-client3:amd64 (0.8-5ubuntu5.1) ...
Setting up libcups2:amd64 (2.4.1op1-1ubuntu4.2) ...
Setting up libgs9:amd64 (9.55.0~dfsg1-0ubuntu5.2) ...
Setting up ghostscript (9.55.0~dfsg1-0ubuntu5.2) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libapache2-mod-php8.1 (8.1.2-1ubuntu2.11) ...
Processing triggers for php8.1-cli (8.1.2-1ubuntu2.11) ...
Scanning processes...
Scanning candidates...
Scanning processor microcode...
Scanning linux images...

Running kernel seems to be up-to-date.

The processor microcode seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
```

To check the extension is installed successfully, use:

```
php -m | grep imagick
```

Don’t forget to reload Apache or Nginx web server after installing extensions:

```
sudo systemctl reload apache2
```

or

```
sudo systemctl reload nginx
```

Fixing Warning Message -- Module php-imagick in this instance has no SVG support. For better compatibility it is recommended to install it

We already installed php-imagick (above). So let's also install imagemagick package.

```
$ sudo apt install imagemagick
[sudo] password for user:
```

Result

```
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  fontconfig hicolor-icon-theme imagemagick-6.q16 libcairo2 libdatrie1
libdjvulibre-text libdjvulibre21 libgraphite2-3
  libharfbuzz0b libilmbase25 libjxr-tools libjxr0 libmagickcore-6.q16-6-
extra libnetpbm10 libopenexr25 libpango-1.0-0
  libpangocairo-1.0-0 libpangoft2-1.0-0 libpixman-1-0 libthai-data libthai0
libwmflite-0.2-7 libxcb-render0
  libxcb-shm0 libxrender1 netpbm
Suggested packages:
  imagemagick-doc autotrace cups-bsd | lpr | lprng enscript ffmpeg gimp
gnuplot grads graphviz hp2xx html2ps
  libwmf-bin mplayer povray radiance sane-utils texlive-base-bin transfig
ufraw-batch xdg-utils inkscape
The following NEW packages will be installed:
  fontconfig hicolor-icon-theme imagemagick imagemagick-6.q16 libcairo2
libdatrie1 libdjvulibre-text libdjvulibre21
  libgraphite2-3 libharfbuzz0b libilmbase25 libjxr-tools libjxr0
libmagickcore-6.q16-6-extra libnetpbm10 libopenexr25
  libpango-1.0-0 libpangocairo-1.0-0 libpangoft2-1.0-0 libpixman-1-0
libthai-data libthai0 libwmflite-0.2-7
  libxcb-render0 libxcb-shm0 libxrender1 netpbm
0 upgraded, 27 newly installed, 0 to remove and 0 not upgraded.
Need to get 5,332 kB of archives.
```

```
After this operation, 19.2 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

From:
https://installconfig.com/ - **Install Config Wiki**

Permanent link:
https://installconfig.com/doku.php?id=installing_php_imagick_module_ubuntu_22_04&rev=1687675679

Last update: **2023/06/25 06:47**