

# JENKINS INSTALL, HOMEBREW, XCODE WITH XCODE 12.4 NEEDED XCODE 11.4 TO RUN ON MACOS CATALINA 10.15.7 REINSTALLING JENKINS-LTS AND OPENJDK@17

Last login: Thu May 18 01:03:18 on ttys000

The default interactive shell is now `zsh`

To update your account to use zsh, please run ``chsh -s /bin/zsh``.

For more details, please visit <https://support.apple.com/kb/HT208050>.

```
Loretta-Gray:~ administrator$ brew install jenkins-lts
```

Running `brew update --auto-update`...

.....  
 .....^[[==> Auto-updated Homebrew!

Updated 1 tap (homebrew/cask).

==> New Casks

smooze-pro

You have 1 outdated formula installed.

Warning: You are using macOS 10.15.

We (and Apple) do not provide support for this old version.

It is expected behaviour that some formulae will fail to build in this old version.

It is expected behaviour that Homebrew will be buggy and slow.

Do not create any issues about this on Homebrew's GitHub repositories.

Do not create any issues even if you think this message is unrelated.

Any opened issues will be immediately closed without response.

Do not ask for help from Homebrew or its maintainers on social media.

You may ask for help in Homebrew's discussions but are unlikely to receive a response.

Try to figure out the problem yourself and submit a fix as a pull request.

We will review it but may or may not accept it.

```
==> Fetching dependencies for jenkins-lts: m4, autoconf, giflib, bison, ninja, mpdecimal, readline,
sqlite, xz, python@3.11, meson, libpng, freetype, fontconfig, gettext, glib, util-macros, xtrans, xcb-
proto, xorgproto, libxau, libxdmcp, libxcb, libx11, libxext, libxrender, lzo, pixman, cairo, gobject-
introspection, graphite2, icu4c, harfbuzz, cmake, nasm, jpeg-turbo, lz4, zstd, libtiff, little-cms2 and
openjdk@17
```

==> Fetching m4

```
==> Downloading https://ghcr.io/v2/homebrew/core/m4/manifests/1.4.19
```

Already downloaded:

```
/Users/administrator/Library/Caches/Homebrew/downloads/5b2a7f715487b7377e409e8ca5856904cd89f33859f691210c58d94410fd33b--m4-1.4.19.bottle_manifest.json
```

```
==> Downloading https://ghcr.io/v2/homebrew/core/m4/blobs/sha256:e0fec6a49fd80cc
```

Already downloaded:

```
/Users/administrator/Library/Caches/Homebrew/downloads/541ca73156643175f4816b3fbc8ca12caab0487ecddcefa7198de0958f54555--m4--1.4.19.catalina.bottle.tar.gz
```

==> Fetching autoconf

```
==> Downloading https://ghcr.io/v2/homebrew/core/autoconf/manifests/2.71
```

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Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/057cde2b686872aeff2e91dc36d037807d7342dd50929fbdfea8bcc572fbed0--autoconf-2.71.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/autoconf/blobs/sha256:258a94bef>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/97b22b6f9c27bf18e1750f2d5bbadc66254ed86a9c974fa6a13c82f772a00d6b--autoconf--2.71.catalina.bottle.tar.gz

==> Fetching giflib

==> Downloading <https://ghcr.io/v2/homebrew/core/giflib/manifests/5.2.1>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/51910e68b838a5c62c91c9352172d516e77a3c3c1a59a2ceba9c3f64f46adf4--giflib-5.2.1.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/giflib/blobs/sha256:ad97d175fa7>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/cc47882f72b11c0121537247ce496e418e6fa42f7affe3811d3c7d0d4a0d54ad--giflib--5.2.1.catalina.bottle.tar.gz

==> Fetching bison

==> Downloading <https://ghcr.io/v2/homebrew/core/bison/manifests/3.8.2>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/0a84b14c20dfba4609542ea4b14a4eb93d369f7f83f373b568017fc7d76b6505--bison-3.8.2.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/bison/blobs/sha256:5a79db63b8a1>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/9a12eeb4d6604ad355576c4b4a846430c9776468d2bc17baf43529a672999c8a--bison--3.8.2.catalina.bottle.tar.gz

==> Fetching ninja

==> Downloading <https://ghcr.io/v2/homebrew/core/ninja/manifests/1.11.1>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/cd63e02146a3b8a3cfbd138d15ecbc3593633d848f5e9d3ab329fff1953fa541--ninja-1.11.1.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/ninja/blobs/sha256:3e89d7587da0>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/65a2b1824e54583bc3be2bc91b8c68699ba4f043ea50a2f6a37fee7530f7646b--ninja--1.11.1.catalina.bottle.tar.gz

==> Fetching mpdecimal

==> Downloading <https://ghcr.io/v2/homebrew/core/mpdecimal/manifests/2.5.1>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/f367c2ee08c56b88be0662703a8e4275f8657608a268c8c44e845154b0cea543--mpdecimal-2.5.1.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/mpdecimal/blobs/sha256:1a831442>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/5bd35517ae62d36afb8a5f88dee76fb51fa80b12ded2dd204737c9984b417bac--mpdecimal--2.5.1.catalina.bottle.tar.gz

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==> Fetching readline

==> Downloading <https://ghcr.io/v2/homebrew/core/readline/manifests/8.2.1>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/ab483c9a913ae82f3a2b3ae20918791bc3bd6825c7122a29cd4f1e0c65413759--readline-8.2.1.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/readline/blobs/sha256:ef32c6905>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/fb26001090758f1cb91959f0036348b0b885dbf6566db6e1b9972ee8b9cb6f93--readline--8.2.1.catalina.bottle.tar.gz

==> Fetching sqlite

==> Downloading <https://www.sqlite.org/2023/sqlite-autoconf-3420000.tar.gz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/4a013e34d2aed8a84435066ebaca074e3090d32ada73e10d03f814a020eae55--sqlite-autoconf-3420000.tar.gz

==> Fetching xz

==> Downloading <https://downloads.sourceforge.net/project/lzmautils/xz-5.4.3.tar>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/54ff474e7eaa5dd12fa01639f314ecd28a39c8ca71ba3429996fac25c711c8a4--xz-5.4.3.tar.gz

==> Fetching python@3.11

==> Downloading <https://raw.githubusercontent.com/Homebrew/formula-patches/6d2fb>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/2322057182c6bb73dfe09e098010168a5a9d0712a89cee86d2c5ddb11052137e--3.11-sysconfig.diff

==> Downloading <https://raw.githubusercontent.com/Homebrew/formula-patches/a1618>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/5fea40db1cb33001d6ab42c76fc28693ce292532c6ed6f89dd3154dac29167bb--3.10-distutils-scheme.diff

==> Downloading <https://files.pythonhosted.org/packages/10/e5/be08751d07b30889af>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/540e96a0f80f27f10004df29d67a3adc54de8f6c5d9e65522a4973a55a18ed32--flit\_core-3.8.0.tar.gz

==> Downloading <https://files.pythonhosted.org/packages/cb/46/22ec35f286a77e6b94>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/6574d0d10b18dd1e6e1b32fae8d0fc52124be13b2a35f8bd024c0fb06e71c4d1--setuptools-67.6.1.tar.gz

==> Downloading <https://files.pythonhosted.org/packages/6b/8b/0b16094553ecc680e4>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/42577324fb781f038dee7ddb3315ddc4e486fd86bc859c1ca113504727219458--pip-23.0.1.tar.gz

==> Downloading <https://files.pythonhosted.org/packages/fc/ef/0335f7217dd1e8096a>

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Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/d7024c67cf98868e9209643ba07b0676459  
e2c69ca7070067181ccffd17f94e1--wheel-0.40.0.tar.gz

==> Downloading <https://www.python.org/ftp/python/3.11.3/Python-3.11.3.tgz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/319749ca9c20b0c6a1580d834c9141e5756  
1e28af6b9cc72282ab44bc01df8ee--Python-3.11.3.tgz

==> Fetching meson

==> Downloading <https://ghcr.io/v2/homebrew/core/meson/manifests/1.1.0>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/754d2ab465ce77476e2426f29c49dd4288d  
ba48bdb757b3d03626a32ad9a6e18--meson-1.1.0.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/meson/blobs/sha256:a444c63aea53>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/2cc91fddcf26683486413fde1a8c2f0c1430  
3cd14bc1400a724016a36d2e76ae--meson--1.1.0.all.bottle.tar.gz

==> Fetching libpng

==> Downloading <https://downloads.sourceforge.net/project/libpng/libpng16/1.6.39>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/f417f5423e4391152e428d3c1ced556cf8d0  
41129f4923b86ee68fb857c7bee3--libpng-1.6.39.tar.xz

==> Fetching freetype

==> Downloading <https://gitlab.freedesktop.org/freetype/freetype/-/commit/2257f9>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/de672d0e2df199cdb7543f4acd7e7abd697e  
0e6138feecd25c29f61daf5e041d--2257f9abf6e12daf7c3e1bfe28fa88de85e45785.diff

==> Downloading <https://gitlab.freedesktop.org/freetype/freetype/-/commit/d874ff>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/07caa0cfbafbab2fd63e31cd6606e4f0b4b02  
c8af425ff2621275964da046c46--d874ffa96ccad7dd122cdc369a284d171e221809.diff

==> Downloading <https://downloads.sourceforge.net/project/freetype/freetype2/2.1>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/34c0ca3c59c0f54b35bf7667b3ef864f2321  
172ace9cf180c40e81819e46f0f3--freetype-2.13.0.tar.xz

==> Fetching fontconfig

==> Downloading <https://www.freedesktop.org/software/fontconfig/release/fontconf>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/b77ba8bd843fb8255313a40d20a13a23474  
5b129d2d61605fe57e3583098fa43--fontconfig-2.14.2.tar.xz

==> Fetching gettext

==> Downloading <https://ghcr.io/v2/homebrew/core/gettext/manifests/0.21.1>

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Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/1c2f2c62faee672530e8e8e2695f99d26d1b606e74b289d1914dfa13c732c500--gettext-0.21.1.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/gettext/blobs/sha256:aba2b94f40>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/d2245974ec5d3f748df780e31a3547191c29479b4c1efc0cd0c08675085b7c82--gettext--0.21.1.catalina.bottle.tar.gz

==> Fetching glib

==> Downloading <https://raw.githubusercontent.com/Homebrew/formula-patches/43467>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/3cff797fba2e962ee6871405f3f9c105575e25520c4eeadd25ebfe6c746d3f15--hardcoded-paths.diff

==> Downloading <https://download.gnome.org/sources/glib/2.76/glib-2.76.2.tar.xz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/9c15853c4f70f2040f4ad6511c7c727a09e5db3b65ab12d0548f1639fe98098a--glib-2.76.2.tar.xz

==> Fetching util-macros

==> Downloading <https://www.x.org/archive/individual/util/util-macros-1.20.0.tar>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/b09c2082fe5ded376ecce491f55b42de8208de77b0b1c574e4be17c0b365042b--util-macros-1.20.0.tar.xz

==> Fetching xtrans

==> Downloading <https://ghcr.io/v2/homebrew/core/xtrans/manifests/1.4.0>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/7f51b3a17c7b5ffa31f40968b81a73893cb7b947b2493e9c55f321b8951e77cd--xtrans-1.4.0.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/xtrans/blobs/sha256:74e4e5cf129>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/49ea2a6ccdf928f7143257dd0a2c2b5622189da245bac0f3b9e3f13590cfd52c--xtrans--1.4.0.catalina.bottle.tar.gz

==> Fetching xcb-proto

==> Downloading <https://ghcr.io/v2/homebrew/core/xcb-proto/manifests/1.15.2-1>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/ea684d88722e5fa4f533c6a5f5f4978229e9bcac7341bb2fad63a50134b7d0d--xcb-proto-1.15.2-1.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/xcb-proto/blobs/sha256:7aff8671>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/6174907eb0a2f6031cbd840c191536a7707fd96f903079a6b7e354c48b89c76f--xcb-proto--1.15.2.all.bottle.1.tar.gz

==> Fetching xorgproto

==> Downloading <https://ghcr.io/v2/homebrew/core/xorgproto/manifests/2022.2>

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Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/9d0741febb29dfbb4f0e845adaa75d44fa0f9498bd1862f77d52561a8cb87300--xorgproto-2022.2.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/xorgproto/blobs/sha256:d6deb2e4>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/3d716cdc6955831613e02fb92d11ae81ba05df7ea0153f2e633a6b7834898dc2--xorgproto--2022.2.catalina.bottle.tar.gz

==> Fetching libxau

==> Downloading <https://www.x.org/archive/individual/lib/libXau-1.0.11.tar.xz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/67892d3df77bb9f6743b14c0fd852bbaafccf7283bbd47a84e7918e5ed9a3f59--libXau-1.0.11.tar.xz

==> Fetching libxdmcp

==> Downloading <https://www.x.org/archive/individual/lib/libXdmcp-1.1.4.tar.xz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/3b3e36da2e07041c5a2c470590d240e5d2e45a3956bf6bddd6563ae45032731--libXdmcp-1.1.4.tar.xz

==> Fetching libxcb

==> Downloading <https://xcb.freedesktop.org/dist/libxcb-1.15.tar.gz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/455addce08fcaa0fe156dff5afa9f5e0a71559e84952d682c659714d7158185--libxcb-1.15.tar.gz

==> Fetching libx11

==> Downloading <https://www.x.org/archive/individual/lib/libX11-1.8.4.tar.gz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/84d510dd5ff6c23ec9173ffe6b6b94763c8b544d9b81d06f1bdbf9ded8a40886--libX11-1.8.4.tar.gz

==> Fetching libxext

==> Downloading <https://ghcr.io/v2/homebrew/core/libxext/manifests/1.3.5>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/36b14aebd45b8fbf0f965d846bbc5126adbe882c0775c9936edb0432b347b9a1--libxext-1.3.5.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/libxext/blobs/sha256:77862d3344>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/b071f185f5f7f43f946031f81528fc643597b80c4bfab8369826bbef4d8b429e--libxext--1.3.5.catalina.bottle.tar.gz

==> Fetching libxrender

==> Downloading <https://www.x.org/archive/individual/lib/libXrender-0.9.11.tar.g>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/4f2366ad94a874f14ca13de80c90e6f019118eca255712a25cd06174fb110687--libXrender-0.9.11.tar.gz

==> Fetching lzo

==> Downloading <https://ghcr.io/v2/homebrew/core/lzo/manifests/2.10>

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Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/d4aa5b0c239912c53bc857d1012c6b7feb4  
acb509618f5e100f95bf8521f08e7--lzo-2.10.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/lzo/blobs/sha256:c8f55ba0de8527>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/5a737ea247485dbb89757b9375c51fa4c77  
770728a3c6c85341f44c85a3e0e92--lzo--2.10.catalina.bottle.tar.gz

==> Fetching pixman

==> Downloading <https://cairographics.org/releases/pixman-0.42.2.tar.gz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/812add0498f8499ccb6667e2ac63f7508199  
2def598a3ae9c97a5b4f507f1fdb--pixman-0.42.2.tar.gz

==> Fetching cairo

==> Downloading [https://ghcr.io/v2/homebrew/core/cairo/manifests/1.16.0\\_5](https://ghcr.io/v2/homebrew/core/cairo/manifests/1.16.0_5)

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/f9e86ee818c57a136b1c1c82caecdf07bb8e  
aad8e31f5e59e456a10d6d1a1cc5--cairo-1.16.0\_5.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/cairo/blobs/sha256:4a117545953b>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/ce60ee17c9faf2c9219a6f7c1989bc5dd296  
e00c35a3b7a74d82f24202a0a77b--cairo--1.16.0\_5.catalina.bottle.tar.gz

==> Fetching gobject-introspection

==> Downloading <https://gitlab.gnome.org/tschoonj/gobject-introspection/-/commit>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/8b05b2a9de1da2191fe40b8fb80652d77efa  
a426382912d3d850e303bcf08d38--a7be304478b25271166cd92d110f251a8742d16b.diff

==> Cloning <https://gist.github.com/7a0023656ccfe309337a.git>

Updating /Users/administrator/Library/Caches/Homebrew/gobject-introspection--homebrew-tutorial--  
git

==> Checking out revision 499ac89f8a9ad17d250e907f74912159ea216416

HEAD is now at 499ac89

HEAD is now at 499ac89

==> Downloading <https://download.gnome.org/sources/gobject-introspection/1.76/go>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/df6c27c32ee10c36242a69fe40a08b8817a4  
310f42abd419bbb52416a556348a--gobject-introspection-1.76.1.tar.xz

==> Fetching graphite2

==> Downloading <https://ghcr.io/v2/homebrew/core/graphite2/manifests/1.3.14>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/bbb4dd2ef1846301d1eb08053e19e11ca9c  
780f93f4d3b2d638fd94a9bf54a0c--graphite2-1.3.14.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/graphite2/blobs/sha256:0831f474>

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Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/e2465564fd695adac5a8e1c01edfd644443b72a0f8b08531a1422be6c4d31b5f--graphite2--1.3.14.catalina.bottle.tar.gz

==> Fetching icu4c

==> Downloading <https://github.com/unicode-org/icu/releases/download/release-72->

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/46ce3d26676476a8e83b72954957f64b7cb626944011d34d78aa24ca0f25b2eb--icu4c-72\_1-src.tgz

==> Fetching harfbuzz

==> Downloading <https://github.com/harfbuzz/harfbuzz/raw/fc0daafab0336b847ac1468>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/b0f20064588dc70dd5c74e36b842326d9dbbeacab35c63c3d900a8b34aaba98f--270b89df543a7e48e206a2d830c0e10e5265c630.ttf

==> Downloading <https://github.com/harfbuzz/harfbuzz/archive/7.3.0.tar.gz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/9e8b837d37f745b0dfc2371321f6f9aec3f64569c97392c9a4a4aa3132451161--harfbuzz-7.3.0.tar.gz

==> Fetching cmake

==> Downloading <https://github.com/Kitware/CMake/releases/download/v3.26.3/cmake>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/8ab297bd3ce641958a27ef2085c9bf9c7c4b3eb97d72ee64506950c7fb4efd28--cmake-3.26.3.tar.gz

==> Fetching nasm

==> Downloading <https://www.nasm.us/pub/nasm/releasebuilds/2.16.01/nasm-2.16.01>.

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/201a17312f34cd14fb753822b66724d1ae6ce17e3135a829d7097032579c2b46--nasm-2.16.01.tar.xz

==> Fetching jpeg-turbo

==> Downloading <https://downloads.sourceforge.net/project/libjpeg-turbo/2.1.5.1/>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/6c486284793e979d4bfb8f22f0b7338ba4259f1ef493060f25cf646acd9b6ade--libjpeg-turbo-2.1.5.1.tar.gz

==> Fetching lz4

==> Downloading <https://ghcr.io/v2/homebrew/core/lz4/manifests/1.9.4>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/379e59b981667f9585b33a2ff318769d8edca3ce6fd2e9a67ed291ae3e0cc872--lz4-1.9.4.bottle\_manifest.json

==> Downloading <https://ghcr.io/v2/homebrew/core/lz4/blobs/sha256:ddb59c42498843>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/1be1135f7cfd23bcb54dcfbdba636ff1527ed7ef62742d8c83746626395404f3--lz4--1.9.4.catalina.bottle.tar.gz

==> Fetching zstd

==> Downloading <https://github.com/facebook/zstd/archive/v1.5.5.tar.gz>



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Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/9bf0653bd73868c20a99c65278325f2f7c6762e58f18bdd2efba43a7bca53767--zstd-1.5.5.tar.gz

==> Fetching libtiff

==> Downloading <https://download.osgeo.org/libtiff/tiff-4.5.0.tar.gz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/9c625be46d7e2c06cf68fb2a41f1d74a73efa1e936b5f243b8e2e061b714f7ca--tiff-4.5.0.tar.gz

==> Fetching little-cms2

==> Downloading <https://downloads.sourceforge.net/project/lcms/lcms/2.14/lcms2-2>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/58c8e2b30258b62b335d54515d96545e08b0c0090cefbf2da1fb28fcc577f077--lcms2-2.14.tar.gz

==> Fetching openjdk@17

==> Downloading <https://download.java.net/java/GA/jdk17.0.2/dfd4a8d0985749f896be>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/64a92eb790a3a719eb4b61e0ac7ce163e2a541fa5e424197ae4f3274ddca3da4--openjdk-17.0.2\_macos-x64\_bin.tar.gz

==> Downloading <https://github.com/openjdk/jdk17u/archive/jdk-17.0.7-ga.tar.gz>

Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/f423551ce8d8aea4d78d0c3497856ddd5710921d1185a80ef72d478a831b9178--jdk17u-jdk-17.0.7-ga.tar.gz

==> Fetching jenkins-lts

==> Downloading <https://get.jenkins.io/war-stable/2.387.3/jenkins.war>


Already downloaded:

/Users/administrator/Library/Caches/Homebrew/downloads/6213d43063b8d509ec453e10a7341f976ce051bea606c20840614f8700ae0f13--jenkins.war

==> Installing dependencies for jenkins-lts: m4, autoconf, giflib, bison, ninja, mpdecimal, readline, sqlite, xz, python@3.11, meson, libpng, freetype, fontconfig, gettext, glib, util-macros, xtrans, xcb-proto, xorgproto, libxau, libxdmcp, libxcb, libx11, libxext, libxrender, lzo, pixman, cairo, gobject-introspection, graphite2, icu4c, harfbuzz, cmake, nasm, jpeg-turbo, lz4, zstd, libtiff, little-cms2 and openjdk@17


==> Installing jenkins-lts dependency: **m4**

==> Pouring m4--1.4.19.catalina.bottle.tar.gz

 /usr/local/Cellar/m4/1.4.19: 13 files, 724.4KB


==> Installing jenkins-lts dependency: **autoconf**

==> Pouring autoconf--2.71.catalina.bottle.tar.gz

 /usr/local/Cellar/autoconf/2.71: 71 files, 3.2MB

==> Installing jenkins-lts dependency: **giflib**











==> Pouring giflib--5.2.1.catalina.bottle.tar.gz

 /usr/local/Cellar/giflib/5.2.1: 19 files, 383.5KB

==> Installing jenkins-lts dependency: **bison**

==> Pouring bison--3.8.2.catalina.bottle.tar.gz

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 /usr/local/Cellar/bison/3.8.2: 99 files, 3.7MB  
==> Installing jenkins-lts dependency: **ninja**  
==> Pouring ninja--1.11.1.catalina.bottle.tar.gz  
 /usr/local/Cellar/ninja/1.11.1: 10 files, 454.4KB  
==> Installing jenkins-lts dependency: **mpdecimal**  
==> Pouring mpdecimal--2.5.1.catalina.bottle.tar.gz  
 /usr/local/Cellar/mpdecimal/2.5.1: 71 files, 2.1MB  
==> Installing jenkins-lts dependency: **readline**  
==> Pouring readline--8.2.1.catalina.bottle.tar.gz  
 /usr/local/Cellar/readline/8.2.1: 50 files, 1.7MB  
==> Installing jenkins-lts dependency: **sqlite**  
==> ./configure --prefix=/usr/local/Cellar/sqlite/3.42.0 --enable-dynamic-extens  
==> make install  
 /usr/local/Cellar/sqlite/3.42.0: 11 files, 4.5MB, built in 3 minutes 24 seconds  
==> Installing jenkins-lts dependency: **xz**  
==> ./configure --prefix=/usr/local/Cellar/xz/5.4.3  
==> make check  
==> make install  
 /usr/local/Cellar/xz/5.4.3: 162 files, 2.5MB, built in 3 minutes 44 seconds  
==> Installing jenkins-lts dependency: **python@3.11**  
==> Patching  
==> Applying 3.11-sysconfig.diff  
patching file Lib/sysconfig.py  
==> Applying 3.10-distutils-scheme.diff  
patching file Lib/distutils/command/install.py  
==> ./configure --prefix=/usr/local/Cellar/python@3.11/3.11.3 --enable-ipv6 --da  
==> make  
jenkins-lts dependency: ninja  
==> Pouring ninja--1.11.1.catalina.bottle.tar.gz  
 /usr/local/Cellar/ninja/1.11.1: 10 files, 454.4KB  
==> Installing jenkins-lts dependency: **mpdecimal**  
==> Pouring mpdecimal--2.5.1.catalina.bottle.tar.gz  
 /usr/local/Cellar/mpdecimal/2.5.1: 71 files, 2.1MB  
==> Installing jenkins-lts dependency: **readline**  
==> Pouring readline--8.2.1.catalina.bottle.tar.gz  
 /usr/local/Cellar/readline/8.2.1: 50 files, 1.7MB  
==> Installing jenkins-lts dependency: **sqlite**  
==> ./configure --prefix=/usr/local/Cellar/sqlite/3.42.0 --enable-dynamic-extens  
==> make install  
 /usr/local/Cellar/sqlite/3.42.0: 11 files, 4.5MB, built in 3 minutes 24 seconds  
==> Installing jenkins-lts dependency: **xz**  
==> ./configure --prefix=/usr/local/Cellar/xz/5.4.3==> make install  
PYTHONAPPSDIR=/usr/local/Cellar/python@3.11/3.11.3

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```
==> make frameworkinstallextras PYTHONAPPSDIR=/usr/local/Cellar/python@3.11/3.11
==> /usr/local/Cellar/python@3.11/3.11.3/bin/python3.11 -m venv /private/tmp/pyt
==> /private/tmp/pythonA3.11-20230518-23971-yi7mqh/Python-3.11.3/whl_build/bin/p
==> /private/tmp/pythonA3.11-20230518-23971-yi7mqh/Python-3.11.3/whl_build/bin/p
==> /private/tmp/pythonA3.11-20230518-23971-yi7mqh/Python-3.11.3/whl_build/bin/p
==> /private/tmp/pythonA3.11-20230518-23971-yi7mqh/Python-3.11.3/whl_build/bin/p
==> /usr/local/Cellar/python@3.11/3.11.3/bin/python3.11 -m ensurepip
==> /usr/local/Cellar/python@3.11/3.11.3/bin/python3.11 -m pip install -v --no-d
🍺 /usr/local/Cellar/python@3.11/3.11.3: 8,121 files, 193.6MB, built in 22 minutes 36 seconds
==> Installing jenkins-lts dependency: meson
==> Pouring meson--1.1.0.all.bottle.tar.gz
🍺 /usr/local/Cellar/meson/1.1.0: 241 files, 3.5MB
==> Installing jenkins-lts dependency: libpng
==> ./configure --prefix=/usr/local/Cellar/libpng/1.6.39
==> make
==> make test
==> make install
🍺 /usr/local/Cellar/libpng/1.6.39: 27 files, 1.3MB, built in 2 minutes 50 seconds
==> Installing jenkins-lts dependency: freetype
==> Patching
==> Applying 2257f9abf6e12daf7c3e1bfe28fa88de85e45785.diff
patching file include/freetype/internal/compiler-macros.h
==> Applying d874ffa96ccad7dd122cdc369a284d171e221809.diff
patching file include/freetype/internal/compiler-macros.h
==> ./configure --prefix=/usr/local/Cellar/freetype/2.13.0_1 --enable-freetype-c
==> make
==> make install
🍺 /usr/local/Cellar/freetype/2.13.0_1: 67 files, 2.4MB, built in 1 minute 1 second
==> Installing jenkins-lts dependency: fontconfig
==> ./configure --disable-docs --enable-static --with-add-fonts=/System/Library/
==> make install RUN_FC_CACHE_TEST=false
==> Regenerating font cache, this may take a while
==> /usr/local/Cellar/fontconfig/2.14.2/bin/fc-cache -frv
🍺 /usr/local/Cellar/fontconfig/2.14.2: 65 files, 2.2MB, built in 1 minute 12 seconds
==> Installing jenkins-lts dependency: gettext
==> Pouring gettext--0.21.1.catalina.bottle.tar.gz
🍺 /usr/local/Cellar/gettext/0.21.1: 1,983 files, 20.5MB
==> Installing jenkins-lts dependency: glib
==> Patching
==> Applying hardcoded-paths.diff
patching file gio/xdgmime/xdgmime.c
Hunk #1 succeeded at 244 (offset 9 lines).
```

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patching file glib/gutils.c

Hunk #1 succeeded at 2695 (offset 615 lines).

==> meson setup build --default-library=both --localstatedir=/usr/local/var -Dgi

==> meson compile -C build --verbose


==> meson install -C build

 /usr/local/Cellar/glib/2.76.2: 455 files, 21.2MB, built in 4 minutes 13 seconds

==> Installing jenkins-lts dependency: **util-macros**

==> ./configure --prefix=/usr/local/Cellar/util-macros/1.20.0 --sysconfdir=/usr/

==> make install

 /usr/local/Cellar/util-macros/1.20.0: 8 files, 173.6KB, built in 16 seconds

==> Installing jenkins-lts dependency: **xtrans**

==> Pouring xtrans--1.4.0.catalina.bottle.tar.gz

 /usr/local/Cellar/xtrans/1.4.0: 15 files, 285.3KB


==> Installing jenkins-lts dependency: **xcb-proto**

==> Pouring xcb-proto--1.15.2.all.bottle.1.tar.gz

 /usr/local/Cellar/xcb-proto/1.15.2: 47 files, 767.7KB

==> Installing jenkins-lts dependency: **xorgproto**

==> Pouring xorgproto--2022.2.catalina.bottle.tar.gz


 /usr/local/Cellar/xorgproto/2022.2: 268 files, 3.9MB

==> Installing jenkins-lts dependency: **libxau**

==> ./configure --prefix=/usr/local/Cellar/libxau/1.0.11 --sysconfdir=/usr/local

==> make

==> make install


 /usr/local/Cellar/libxau/1.0.11: 21 files, 121.5KB, built in 24 seconds

==> Installing jenkins-lts dependency: **libxdmcp**

==> ./configure --prefix=/usr/local/Cellar/libxdmcp/1.1.4 --sysconfdir=/usr/loca

==> make

==> make install

 /usr/local/Cellar/libxdmcp/1.1.4: 11 files, 129.9KB, built in 23 seconds


==> Installing jenkins-lts dependency: **libxcb**

==> Patching

==> ./configure --prefix=/usr/local/Cellar/libxcb/1.15\_1 --libdir=/usr/local/Cel

==> make

==> make install


 /usr/local/Cellar/libxcb/1.15\_1: 2,461 files, 6.9MB, built in 1 minute 9 seconds

==> Installing jenkins-lts dependency: **libx11**

==> ./configure --prefix=/usr/local/Cellar/libx11/1.8.4 --sysconfdir=/usr/local/

==> make

==> make install

 /usr/local/Cellar/libx11/1.8.4: 1,054 files, 7MB, built in 3 minutes 1 second

==> Installing jenkins-lts dependency: **libxext**

==> Pouring libxext--1.3.5.catalina.bottle.tar.gz

 /usr/local/Cellar/libxext/1.3.5: 87 files, 427.2KB

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```
==> Installing jenkins-lts dependency: libxrender
==> ./configure --prefix=/usr/local/Cellar/libxrender/0.9.11 --sysconfdir=/usr/l
==> make
==> make install
📦 /usr/local/Cellar/libxrender/0.9.11: 12 files, 197.8KB, built in 25 seconds
==> Installing jenkins-lts dependency: lzo
==> Pouring lzo--2.10.catalina.bottle.tar.gz
📦 /usr/local/Cellar/lzo/2.10: 31 files, 546.9KB
==> Installing jenkins-lts dependency: pixman
==> ./configure --prefix=/usr/local/Cellar/pixman/0.42.2 --libdir=/usr/local/Cel
==> make install
📦 /usr/local/Cellar/pixman/0.42.2: 11 files, 1.3MB, built in 59 seconds
==> Installing jenkins-lts dependency: cairo
==> Pouring cairo--1.16.0_5.catalina.bottle.tar.gz
📦 /usr/local/Cellar/cairo/1.16.0_5: 126 files, 6.3MB
==> Installing jenkins-lts dependency: gobject-introspection
==> Patching
==> Applying a7be304478b25271166cd92d110f251a8742d16b.diff
patching file girepository/gitypelib.c
Hunk #1 succeeded at 2261 with fuzz 2 (offset 2 lines).
patching file meson.build
Hunk #1 succeeded at 162 with fuzz 1 (offset 38 lines).
patching file meson_options.txt
==> meson setup build -Dpython=/usr/local/opt/python@3.11/bin/python3.11 -Dextra
==> meson compile -C build --verbose
==> meson install -C build
📦 /usr/local/Cellar/gobject-introspection/1.76.1: 193 files, 13.3MB, built in 2 minutes 10 seconds
==> Installing jenkins-lts dependency: graphite2
==> Pouring graphite2--1.3.14.catalina.bottle.tar.gz
📦 /usr/local/Cellar/graphite2/1.3.14: 18 files, 235.7KB
==> Installing jenkins-lts dependency: icu4c
==> ./configure --prefix=/usr/local/Cellar/icu4c/72.1 --disable-samples --disabl
==> make
==> make install
📦 /usr/local/Cellar/icu4c/72.1: 263 files, 78MB, built in 8 minutes 8 seconds
==> Installing jenkins-lts dependency: harfbuzz
==> meson setup build --prefix=/usr/local/Cellar/harfbuzz/7.3.0 --libdir=/usr/lo
==> meson compile -C build --verbose
==> meson install -C build
📦 /usr/local/Cellar/harfbuzz/7.3.0: 76 files, 9.6MB, built in 3 minutes 12 seconds
==> Installing jenkins-lts dependency: cmake
==> ./bootstrap --prefix=/usr/local/Cellar/cmake/3.26.3 --no-system-libs --paral
==> make
```

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==> make install

 /usr/local/Cellar/cmake/3.26.3: 3,188 files, 50.3MB, built in 28 minutes 3 seconds

==> Installing jenkins-lts dependency: **nasm**

==> ./configure --prefix=/usr/local/Cellar/nasm/2.16.01

==> make install

 /usr/local/Cellar/nasm/2.16.01: 11 files, 2.7MB, built in 1 minute 11 seconds


==> Installing jenkins-lts dependency: **jpeg-turbo**

==> cmake -S . -B build -DWITH\_JPEG8=1 -DCMAKE\_INSTALL\_LIBDIR=/usr/local/Cellar/

==> cmake --build build


==> cmake --build build --target test

==> cmake --install build

 /usr/local/Cellar/jpeg-turbo/2.1.5.1: 44 files, 3.8MB, built in 2 minutes 1 second

==> Installing jenkins-lts dependency: **lz4**

==> Pouring lz4--1.9.4.catalina.bottle.tar.gz


 /usr/local/Cellar/lz4/1.9.4: 22 files, 680.4KB

==> Installing jenkins-lts dependency: **zstd**

==> cmake -S build/cmake -B builddir -DZSTD\_PROGRAMS\_LINK\_SHARED=ON -  
DZSTD\_BUILD

==> cmake --build builddir


==> cmake --install builddir

 /usr/local/Cellar/zstd/1.5.5: 31 files, 2.5MB, built in 1 minute 13 seconds

==> Installing jenkins-lts dependency: **libtiff**

==> ./configure --prefix=/usr/local/Cellar/libtiff/4.5.0 --enable-zstd --disable


==> make install

 /usr/local/Cellar/libtiff/4.5.0: 474 files, 8MB, built in 1 minute 3 seconds

==> Installing jenkins-lts dependency: **little-cms2**

==> ./configure --prefix=/usr/local/Cellar/little-cms2/2.14\_1 --libdir=/usr/loca

==> make install

 /usr/local/Cellar/little-cms2/2.14\_1: 21 files, 1.3MB, built in 42 seconds

==> Installing jenkins-lts dependency: **openjdk@17**

==> bash configure --disable-warnings-as-errors --with-boot-jdk-jvmargs=-Duser.h

Last 15 lines from /Users/administrator/Library/Logs/Homebrew/openjdk@17/01.bash:

checking whether the compiler supports GNU C++... yes

checking whether /usr/local/Homebrew/Library/Homebrew/shims/mac/super/clang++ accepts -g... yes

checking for /usr/local/Homebrew/Library/Homebrew/shims/mac/super/clang++ option to enable C++  
+11 features... none needed

checking how to run the C preprocessor...

/usr/local/Homebrew/Library/Homebrew/shims/mac/super/clang -E

checking how to run the C++ preprocessor...

/usr/local/Homebrew/Library/Homebrew/shims/mac/super/clang++ -E

configure: Using clang linker version 609.8 [(@#)PROGRAM:ld PROJECT:ld64-609.8]

checking for ar... /usr/bin/ar

checking for lipo... /usr/bin/lipo

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```
checking for otool... /usr/bin/otool
checking for install_name_tool... /usr/bin/install_name_tool
checking for metal... [not found]
checking if metal can be run using xcrun... no
configure: error: XCode tool 'metal' neither found in path nor with xcrun
/private/tmp/openjdkA17-20230518-47810-1x7dz3f/jdk17u-jdk-17.0.7-ga/build/.configure-support/
generated-configure.sh: line 84: 5: Bad file descriptor
configure exiting with result code 1
```

Do not report this issue to Homebrew/brew or Homebrew/homebrew-core!

These open issues may also help:

Apache Spark should depends on openjdk@17

<https://github.com/Homebrew/homebrew-core/pull/131189>

JVM crash when starting JFR recording with openjdk 1.8 installed with brew

<https://github.com/Homebrew/homebrew-core/issues/106195>

Error: You are using macOS 10.15.

We (and Apple) do not provide support for this old version.

It is expected behaviour that some formulae will fail to build in this old version.

It is expected behaviour that Homebrew will be buggy and slow.

Do not create any issues about this on Homebrew's GitHub repositories.

Do not create any issues even if you think this message is unrelated.

Any opened issues will be immediately closed without response.

Do not ask for help from Homebrew or its maintainers on social media.

You may ask for help in Homebrew's discussions but are unlikely to receive a response.

Try to figure out the problem yourself and submit a fix as a pull request.

We will review it but may or may not accept it.

Loretta-Gray:~ administrator\$ **brew list**

==> Formulae

apr	icu4c	nasm
apr-util	jpeg-turbo	ninja
autoconf	libnghttp2	openssl@1.1
bison	libpng	pcre2
brotli	libtiff	pixman
ca-certificates	libx11	pkg-config
cairo	libxau	python@3.11
cmake	libxcb	readline
fontconfig	libxdmcp	sqlite
freetype	libxext	util-macros
gettext	libxrender	xcb-proto
giflib	little-cms2	xorgproto



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glib	lz4	xtrans
gobject-introspection	lzo	xz
graphite2	m4	zstd
harfbuzz	meson	
httpd	mpdecimal	

|----- openjdk@17 and Jenkins-lts Installed -----|

Last login: Thu May 18 12:33:50 on console

```
The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
Loretta-Gray:~ administrator$ sudo xcode-select --switch
/Applications/Xcode.app/Contents/Developer
Password:
Sorry, try again.
Password:
xcode-select: error: invalid developer directory
'/Applications/Xcode.app/Contents/Developer'
Loretta-Gray:~ administrator$ sudo xcode-select --switch
/Applications/Xcode.app/Contents/Developer
Password:
Sorry, try again.
Password:
apple
xcode-select: error: invalid developer directory
'/Applications/Xcode.app/Contents/Developer'
Loretta-Gray:~ administrator$ apple
-bash: apple: command not found
Loretta-Gray:~ administrator$ brew install openjdk@17
-bash: brew: command not found
Loretta-Gray:~ administrator$ brew install openjdk@17
^[[1;2C
\Running `brew update --auto-update`...
exit
^C
^C^
Loretta-Gray:~ administrator$ java -version
No Java runtime present, requesting install.
Loretta-Gray:~ administrator$ install xcode 11.4
install: xcode: No such file or directory
Loretta-Gray:~ administrator$ java -version
No Java runtime present, requesting install.
```



JENKINS INSTALL, HOMEBREW, XCODE WITH XCODE 12.4  
NEEDED XCODE 11.4 TO RUN ON MACOS CATALINA 10.15.7  
REINSTALLING JENKINS-LTS AND OPENJDK@17

```
Loretta-Gray:~ administrator$ brew install openjdk@17
Error: You have not agreed to the Xcode license. Please resolve this by
running:
  sudo xcodebuild -license accept
Loretta-Gray:~ administrator$ sudo xcodebuild -license accept brew install
openjdk@
Password:
sudo: a password is required
Loretta-Gray:~ administrator$ apple
-bash: apple: command not found
Loretta-Gray:~ administrator$ brew install openjdk@17
Running `brew update --auto-update`...
==> Auto-updated Homebrew!
Updated 2 taps (homebrew/core and homebrew/cask).
==> New Formulae
libabigail
```

You have 1 outdated formula installed.

Warning: You are using macOS 10.15.  
We (and Apple) do not provide support for this old version.  
It is expected behaviour that some formulae will fail to build in this old  
version.  
It is expected behaviour that Homebrew will be buggy and slow.  
Do not create any issues about this on Homebrew's GitHub repositories.  
Do not create any issues even if you think this message is unrelated.  
Any opened issues will be immediately closed without response.  
Do not ask for help from Homebrew or its maintainers on social media.  
You may ask for help in Homebrew's discussions but are unlikely to receive  
a response.  
Try to figure out the problem yourself and submit a fix as a pull request.  
We will review it but may or may not accept it.

```
==> Fetching openjdk@17
==> Downloading
https://download.java.net/java/GA/jdk17.0.2/dfd4a8d0985749f896be
Already downloaded:
/Users/administrator/Library/Caches/Homebrew/downloads/64a92eb790a3a719eb4b
61e0ac7ce163e2a541fa5e424197ae4f3274ddca3da4--openjdk-17.0.2_macos-
x64_bin.tar.gz
==> Downloading https://github.com/openjdk/jdk17u/archive/jdk-17.0.7-
ga.tar.gz
Already downloaded:
/Users/administrator/Library/Caches/Homebrew/downloads/f423551ce8d8aea4d78d
0c3497856ddd5710921d1185a80ef72d478a831b9178--jdk17u-jdk-17.0.7-ga.tar.gz
Warning: Your Xcode (11.4) is outdated.
```

JENKINS INSTALL, HOMEBREW, XCODE WITH XCODE 12.4  
NEEDED XCODE 11.4 TO RUN ON MACOS CATALINA 10.15.7  
REINSTALLING JENKINS-LTS AND OPENJDK@17

Please update to Xcode 12.4 (or delete it).  
Xcode can be updated from the App Store.

```
==> bash configure --disable-warnings-as-errors --with-boot-jdk-jvmargs=-Duser.h
```

```
==> make images
```

```
==> Caveats
```

For the system Java wrappers to find this JDK, symlink it with  

```
sudo ln -sf /usr/local/opt/openjdk@17/libexec/openjdk.jdk  
/Library/Java/JavaVirtualMachines/openjdk-17.jdk
```

openjdk@17 is keg-only, which means it was not symlinked into /usr/local,  
because this is an alternate version of another formula.

If you need to have openjdk@17 first in your PATH, run:

```
echo 'export PATH="/usr/local/opt/openjdk@17/bin:$PATH"' >> ~/.profile
```

For compilers to find openjdk@17 you may need to set:

```
export CPPFLAGS="-I/usr/local/opt/openjdk@17/include"
```

```
==> Summary
```

```
📦 /usr/local/Cellar/openjdk@17/17.0.7: 634 files, 303.8MB, built in 116  
minutes 47 seconds
```

```
==> Running `brew cleanup openjdk@17`...
```

Disable this behaviour by setting HOMEBREW\_NO\_INSTALL\_CLEANUP.

Hide these hints with HOMEBREW\_NO\_ENV\_HINTS (see `man brew`).

Loretta-Gray:~ administrator\$ **brew install jenkins-lts**

```
Running `brew update --auto-update`...
```

```
==> Auto-updated Homebrew!
```

```
Updated 1 tap (homebrew/core).
```

You have 2 outdated formulae installed.

Warning: You are using macOS 10.15.

We (and Apple) do not provide support for this old version.

It is expected behaviour that some formulae will fail to build in this old version.

It is expected behaviour that Homebrew will be buggy and slow.

Do not create any issues about this on Homebrew's GitHub repositories.

Do not create any issues even if you think this message is unrelated.

Any opened issues will be immediately closed without response.

Do not ask for help from Homebrew or its maintainers on social media.

You may ask for help in Homebrew's discussions but are unlikely to receive a response.

Try to figure out the problem yourself and submit a fix as a pull request.

We will review it but may or may not accept it.

JENKINS INSTALL, HOMEBREW, XCODE WITH XCODE 12.4  
NEEDED XCODE 11.4 TO RUN ON MACOS CATALINA 10.15.7  
REINSTALLING JENKINS-LTS AND OPENJDK@17

```
==> Fetching jenkins-lts
==> Downloading https://get.jenkins.io/war-stable/2.387.3/jenkins.war
Already downloaded:
/Users/administrator/Library/Caches/Homebrew/downloads/6213d43063b8d509ec45
3e10a7341f976ce051bea606c20840614f8700ae0f13--jenkins.war
Warning: Your Xcode (11.4) is outdated.
Please update to Xcode 12.4 (or delete it).
Xcode can be updated from the App Store.
```

```
==> /usr/local/opt/openjdk@17/bin/jar xvf jenkins.war
```

```
==> Caveats
```

```
Note: When using launchctl the port will be 8080.
```

To restart jenkins-lts after an upgrade:

```
brew services restart jenkins-lts
```

Or, if you don't want/need a background service you can just run:

```
/usr/local/opt/openjdk@17/bin/java -Dmail.smtp.starttls.enable=true -
jar /usr/local/opt/jenkins-lts/libexec/jenkins.war --
httpListenAddress=127.0.0.1 --httpPort=8080
```

```
==> Summary
```

```
📦 /usr/local/Cellar/jenkins-lts/2.387.3: 8 files, 97MB, built in 2
minutes 16 seconds
```

```
==> Running `brew cleanup jenkins-lts`...
```

Disable this behaviour by setting HOMEBREW\_NO\_INSTALL\_CLEANUP.

Hide these hints with HOMEBREW\_NO\_ENV\_HINTS (see `man brew`).

```
Loretta-Gray:~ administrator$
```

```
|----- brew list -----|
```

```
Loretta-Gray:~ administrator$ brew list
```

```
==> Formulae
```

apr	icu4c	mpdecimal
apr-util	jenkins-lts	nasm
autoconf	jpeg-turbo	ninja
bison	libnghttp2	openjdk@17
brotli	libpng	openssl@1.1
ca-certificates	libtiff	pcre2
cairo	libx11	pixman
cmake	libxau	pkg-config
fontconfig	libxcb	python@3.11
freetype	libxdmcp	readline
gettext	libxext	sqlite
giflib	libxrender	util-macros
glib	little-cms2	xcb-proto

JENKINS INSTALL, HOMEBREW, XCODE WITH XCODE 12.4  
NEEDED XCODE 11.4 TO RUN ON MACOS CATALINA 10.15.7  
REINSTALLING JENKINS-LTS AND OPENJDK@17

```
gobject-introspection lz4          xorgproto
graphite2              lzo          xtrans
harfbuzz               m4           xz
httpd                  meson        zstd
```

```
|-----brew services start jenkins-lts -----|
```

```
Loretta-Gray:~ administrator$ brew services start jenkins-lts
==> Successfully started `jenkins-lts` (label: homebrew.mxcl.jenkins-lts)
Loretta-Gray:~ administrator$
```