

```
(base) HLs-MacBook-Pro-2018:~ espoir$ brew install Macaulay2/tap/M2
--head
Warning: You are using macOS 10.14.
We (and Apple) do not provide support for this old version.
You will encounter build failures with some formulae.
Please create pull requests instead of asking for help on Homebrew's
GitHub,
Twitter or any other official channels. You are responsible for
resolving
any issues you experience while you are running this
old version.
```

```
==> Downloading https://github.com/Macaulay2/M2/archive/refs/heads/
master.tar.gz
==> Downloading from https://codeload.github.com/Macaulay2/M2/
tar.gz/refs/heads/
#####
#### 100.0%
Warning: Cannot verify integrity of
'31d1d94b182329f57ea614a87b5d5f8b821b0f0863be4860fe68a122cc2d522a--
M2-master.tar.gz'.
No checksum was provided for this resource.
For your reference, the checksum is:
  sha256
"973eba0be33a3dbd5b5234aae202dc23eefb4d49f8ec2cb30c5dcaf2ea78f700"
==> Installing macaulay2 from macaulay2/tap
Warning: A newer Command Line Tools release is available.
Update them from Software Update in System Preferences or run:
  softwareupdate --all --install --force
```

```
If that doesn't show you any updates, run:
  sudo rm -rf /Library/Developer/CommandLineTools
  sudo xcode-select --install
```

```
Alternatively, manually download them from:
  https://developer.apple.com/download/all/.
You should download the Command Line Tools for Xcode 11.3.1.
```

```
==> git clone https://github.com/Macaulay2/M2-emacs.git M2/
Macaulay2/editors/ema
==> git clone https://github.com/Macaulay2/memtailor.git M2/
submodules/memtailor
==> git clone https://github.com/Macaulay2/mathic.git M2/submodules/
mathic
==> git clone https://github.com/Macaulay2/mathicgb.git M2/
submodules/mathicgb
==> cmake -GNinja -SM2 -BM2/BUILD/build-brew -DBUILD_NATIVE=OFF -
DCMAKE_PREFIX_P
==> cmake --build M2/BUILD/build-brew --target M2-core M2-emacs M2-
highlightjs
Last 15 lines from /Users/espoir/Library/Logs/Homebrew/
macaulay2/06.cmake:
FAILED: Macaulay2/d/CMakeFiles/M2-interpreter.dir/version-tmp.cc.o
/usr/local/bin/ccache /usr/local/Homebrew/Library/Homebrew/shims/
```

```
mac/super/clang++ -DBOOST_REGEX_DYN_LINK -DBOOST_REGEX_NO_LIB -
DNDEBUG -DOM_NDEBUG -DSING_NDEBUG -DGIT_DESCRIPTION=\"version-1.20\"
-I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/d -I/
tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/e -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/c -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/BUILD/build-brew/
Macaulay2/d -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/
Macaulay2/e/mathic -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/
M2/Macaulay2/e/memtailor -I/tmp/macaulay2-20220620-37450-qj3vab/M2-
master/M2/Macaulay2/e/mathicgb -I/usr/local/opt/eigen/include/eigen3
-I/usr/local/opt/mpsolve/include -I/usr/local/opt/frobby/include -I/
usr/local/opt/factory/include -I/usr/local/opt/flint/include -I/usr/
local/opt/ntl/include -I/usr/local/opt/mpfi/include -I/usr/local/
opt/mpfr/include -I/usr/local/opt/bdw-gc/include -I/usr/local/opt/
gdbm/include -I/usr/local/opt/libatomic_ops/include -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/system -
isystem /usr/local/opt/gmp/include -isystem /usr/local/Cellar/boost/
1.78.0_1/include -isystem /usr/local/opt/tbb/include -isystem /usr/
local/Cellar/givaro/4.2.0/include -isystem /usr/local/Cellar/fflas-
ffpack/2.5.0/include -isystem /usr/local/opt/libomp/include -O3 -
DNDEBUG -isysroot /Library/Developer/CommandLineTools/SDKs/
MacOSX10.14.sdk -mmacosx-version-min=10.14 -Wuninitialized -g --
sysroot=/Library/Developer/CommandLineTools/SDKs/MacOSX10.14.sdk -I/
tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/BUILD/build-brew/
usr-host/include -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/
M2/include -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/
BUILD/build-brew/include -Wall -Wextra -Wfatal-errors -Wcast-qual -
Wno-unused-parameter -Wno-attributes -Wno-unused-command-line-
argument -Wno-cast-qual -Wno-sign-compare -Wno-uninitialized -Wno-
unused -Wno-array-bounds -Wno-mismatched-tags -Wno-parentheses-
equality -Wno-macro-redefined -Xpreprocessor -fopenmp /usr/local/
opt/libomp/lib/libomp.dylib -std=gnu++17 -MD -MT Macaulay2/d/
CMakeFiles/M2-interpret.dir/version-tmp.cc.o -MF Macaulay2/d/
CMakeFiles/M2-interpret.dir/version-tmp.cc.o.d -o Macaulay2/d/
CMakeFiles/M2-interpret.dir/version-tmp.cc.o -c /tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/BUILD/build-brew/
Macaulay2/d/version-tmp.cc
```

In file included from /tmp/macaulay2-20220620-37450-qj3vab/M2-
master/M2/Macaulay2/d/version.dd:68:

In file included from /usr/local/opt/eigen/include/eigen3/Eigen/
Core:15:

```
/usr/local/opt/eigen/include/eigen3/Eigen/src/Core/util/
DisableStupidWarnings.h:48:38: warning: unknown warning group '-
Wimplicit-int-float-conversion', ignored [-Wunknown-warning-option]
    #pragma clang diagnostic ignored "-Wimplicit-int-float-
conversion"
```

^

clang: fatal error: unable to execute command: Illegal instruction:
4

Apple LLVM version 10.0.1 (clang-1001.0.46.4)

Target: x86_64-apple-darwin18.7.0

Thread model: posix

InstalledDir: /Library/Developer/CommandLineTools/usr/bin

[200/410] /usr/local/bin/ccache /usr/local/Homebrew/Library/

```
Homebrew/shims/mac/super/clang++ -DBOOST_REGEX_DYN_LINK -
DBOOST_REGEX_NO_LIB -DNDEBUG -DOM_NDEBUG -DSING_NDEBUG -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/d -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/e -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/c -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/BUILD/build-brew/
Macaulay2/d -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/
Macaulay2/e/mathic -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/
M2/Macaulay2/e/memtailor -I/tmp/macaulay2-20220620-37450-qj3vab/M2-
master/M2/Macaulay2/e/mathicgb -I/usr/local/opt/eigen/include/eigen3
-I/usr/local/opt/mpsolve/include -I/usr/local/opt/frobby/include -I/
usr/local/opt/factory/include -I/usr/local/opt/flint/include -I/usr/
local/opt/ntl/include -I/usr/local/opt/mpfi/include -I/usr/local/
opt/mpfr/include -I/usr/local/opt/bdw-gc/include -I/usr/local/opt/
gdbm/include -I/usr/local/opt/libatomic_ops/include -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/system -
isystem /usr/local/opt/gmp/include -isystem /usr/local/Cellar/boost/
1.78.0_1/include -isystem /usr/local/opt/tbb/include -isystem /usr/
local/Cellar/givaro/4.2.0/include -isystem /usr/local/Cellar/fflas-
ffpack/2.5.0/include -isystem /usr/local/opt/libomp/include -O3 -
DNDEBUG -isysroot /Library/Developer/CommandLineTools/SDKs/
MacOSX10.14.sdk -mmacosx-version-min=10.14 -Wuninitialized -g --
sysroot=/Library/Developer/CommandLineTools/SDKs/MacOSX10.14.sdk -I/
tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/BUILD/build-brew/
usr-host/include -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/
M2/include -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/
BUILD/build-brew/include -Wall -Wextra -Wfatal-errors -Wcast-qual -
Wno-unused-parameter -Wno-attributes -Wno-unused-command-line-
argument -Wno-cast-qual -Wno-sign-compare -Wno-uninitialized -Wno-
unused -Wno-array-bounds -Wno-mismatched-tags -Wno-parentheses-
equality -Wno-macro-redefined -Xpreprocessor -fopenmp /usr/local/
opt/libomp/lib/libomp.dylib -std=gnu++17 -MD -MT Macaulay2/d/
CMakeFiles/M2-interpret.dir/boostmath-tmp.cc.o -MF Macaulay2/d/
CMakeFiles/M2-interpret.dir/boostmath-tmp.cc.o.d -o Macaulay2/d/
CMakeFiles/M2-interpret.dir/boostmath-tmp.cc.o -c /tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/BUILD/build-brew/
Macaulay2/d/boostmath-tmp.cc
[201/410] /usr/local/bin/ccache /usr/local/Homebrew/Library/
Homebrew/shims/mac/super/clang++ -DBOOST_REGEX_DYN_LINK -
DBOOST_REGEX_NO_LIB -DNDEBUG -DOM_NDEBUG -DSING_NDEBUG -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/d -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/e -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/c -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/BUILD/build-brew/
Macaulay2/d -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/
Macaulay2/e/mathic -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/
M2/Macaulay2/e/memtailor -I/tmp/macaulay2-20220620-37450-qj3vab/M2-
master/M2/Macaulay2/e/mathicgb -I/usr/local/opt/eigen/include/eigen3
-I/usr/local/opt/mpsolve/include -I/usr/local/opt/frobby/include -I/
usr/local/opt/factory/include -I/usr/local/opt/flint/include -I/usr/
local/opt/ntl/include -I/usr/local/opt/mpfi/include -I/usr/local/
opt/mpfr/include -I/usr/local/opt/bdw-gc/include -I/usr/local/opt/
gdbm/include -I/usr/local/opt/libatomic_ops/include -I/tmp/
macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/system -
```

```
isystem /usr/local/opt/gmp/include -isystem /usr/local/Cellar/boost/1.78.0_1/include -isystem /usr/local/opt/tbb/include -isystem /usr/local/Cellar/givaro/4.2.0/include -isystem /usr/local/Cellar/fflas-ffpack/2.5.0/include -isystem /usr/local/opt/libomp/include -O3 -DNDEBUG -isysroot /Library/Developer/CommandLineTools/SDKs/MacOSX10.14.sdk -mmacosx-version-min=10.14 -Wuninitialized -g --sysroot=/Library/Developer/CommandLineTools/SDKs/MacOSX10.14.sdk -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/BUILD/build-brew/usr-host/include -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/include -I/tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/BUILD/build-brew/include -Wall -Wextra -Wfatal-errors -Wcast-qual -Wno-unused-parameter -Wno-attributes -Wno-unused-command-line-argument -Wno-cast-qual -Wno-sign-compare -Wno-uninitialized -Wno-unused -Wno-array-bounds -Wno-mismatched-tags -Wno-parentheses-equality -Wno-macro-redefined -Xpreprocessor -fopenmp /usr/local/opt/libomp/lib/libomp.dylib -std=gnu++17 -MD -MT Macaulay2/d/CMakeFiles/M2-interpret.dir/boost-regex.cpp.o -MF Macaulay2/d/CMakeFiles/M2-interpret.dir/boost-regex.cpp.o.d -o Macaulay2/d/CMakeFiles/M2-interpret.dir/boost-regex.cpp.o -c /tmp/macaulay2-20220620-37450-qj3vab/M2-master/M2/Macaulay2/d/boost-regex.cpp
ninja: build stopped: subcommand failed.
```

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

These open issues may also help:

The Homebrew tap Macaulay2/tap/fflas-ffpack prevents Sage from building <https://github.com/Macaulay2/homebrew-tap/issues/68>

Error: You are using macOS 10.14.

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

You will encounter build failures with some formulae.

Please create pull requests instead of asking for help on Homebrew's GitHub,

Twitter or any other official channels. You are responsible for resolving

any issues you experience while you are running this old version.

Error: A newer Command Line Tools release is available.

Update them from Software Update in System Preferences or run:

```
softwareupdate --all --install --force
```

If that doesn't show you any updates, run:

```
sudo rm -rf /Library/Developer/CommandLineTools
sudo xcode-select --install
```

Alternatively, manually download them from:

<https://developer.apple.com/download/all/>.

You should download the Command Line Tools for Xcode 11.3.1.

Please create pull requests instead of asking for help on Homebrew's GitHub,

Twitter or any other official channels.
(base) HLs-MacBook-Pro-2018:~ espoir\$