

## OpenMP

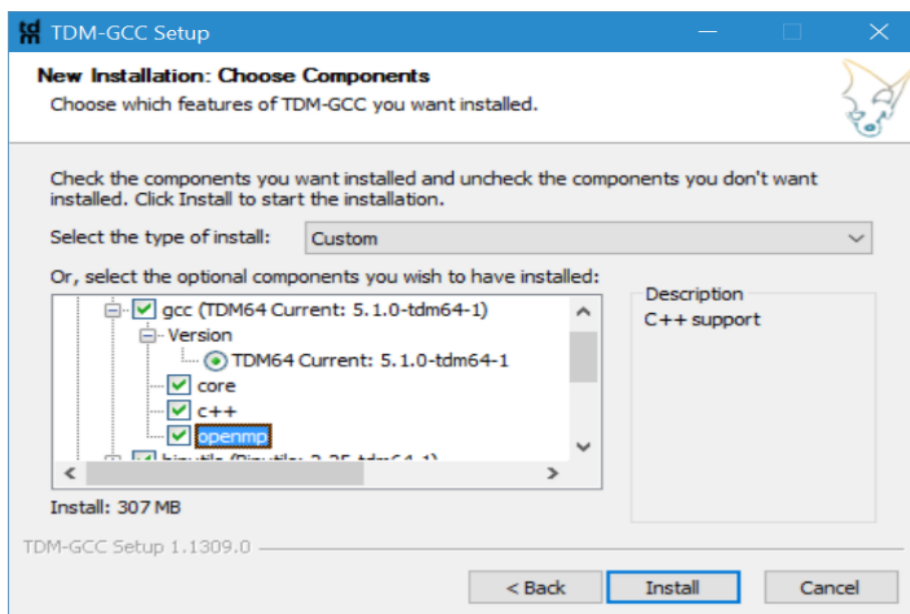
OpenMP (<https://www.openmp.org>) enables parallel computing on single computer by taking advantage of the multiple cores shipped on modern CPUs.

## Windows

1. Go to <http://tdm-gcc.tdragon.net/>. Download TDM\_GCC.



2. Uncheck the box “Check for updated files on the TDM-GCC server” and click “Create”.
3. Click “Next” to see the installation setup. Check the box “openmp” under “gcc”.



4. Now, you can use `gcc -fopenmp` to run OpenMP on you PC.

## Mac OS X

1. Install Homebrew (<https://brew.sh>)
2. brew install gcc (current version 9.1.0). Add PATH if necessary

```
brew install gcc
```

3. run your test code.

Please refer to the following webpage for more information about installation OpenMP on Mac.

1. <https://clang-omp.github.io>
2. <http://openmp.llvm.org>
3. <http://thecoatlessprofessor.com/programming/openmp-in-r-on-os-x/>