**OpenMP**

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

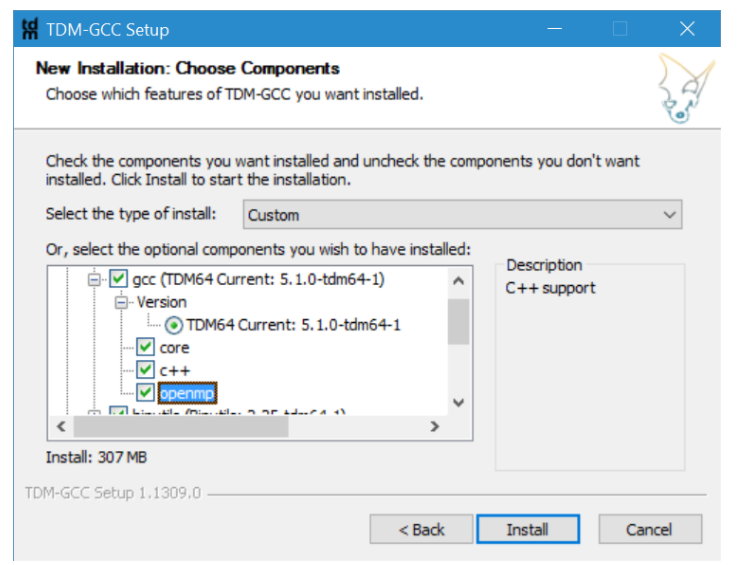
**Windows**

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 gcc with brew.

In Terminal, type: brew install gcc- --without-multilib

2. Add path to your system.

In Terminal, type: PATH=/usr/local/bin:$PATH

3. Test with a c file.

In Terminal, type: Gcc-7 –fopenmp –o your\_program your\_program.c

(gcc-7 is the version I have installed, yours might differ.)

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/