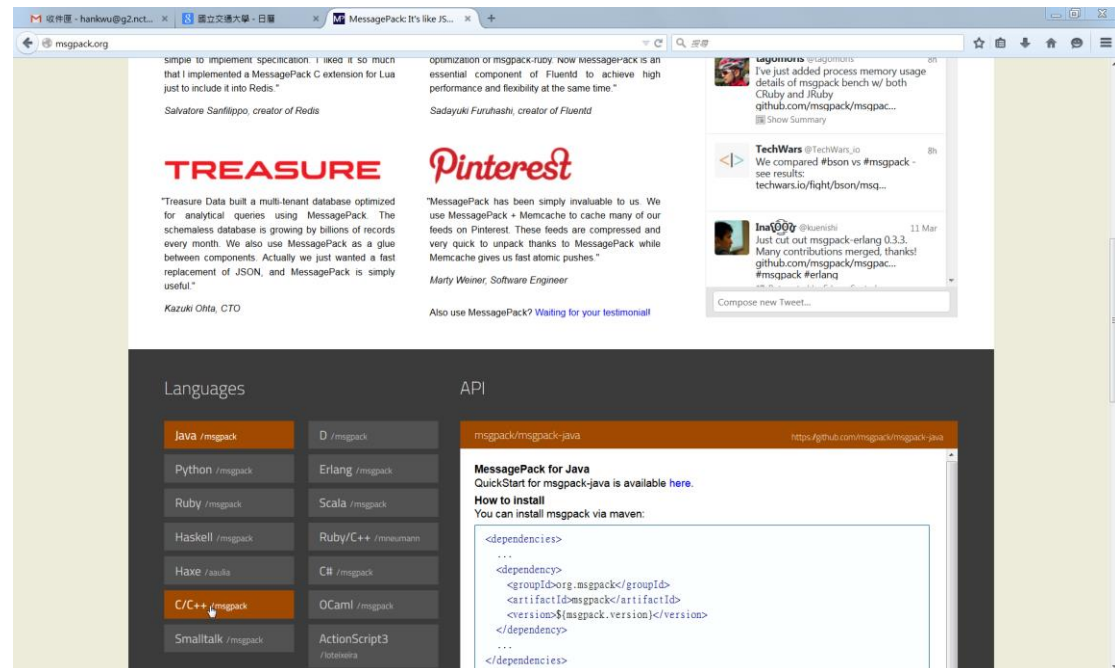
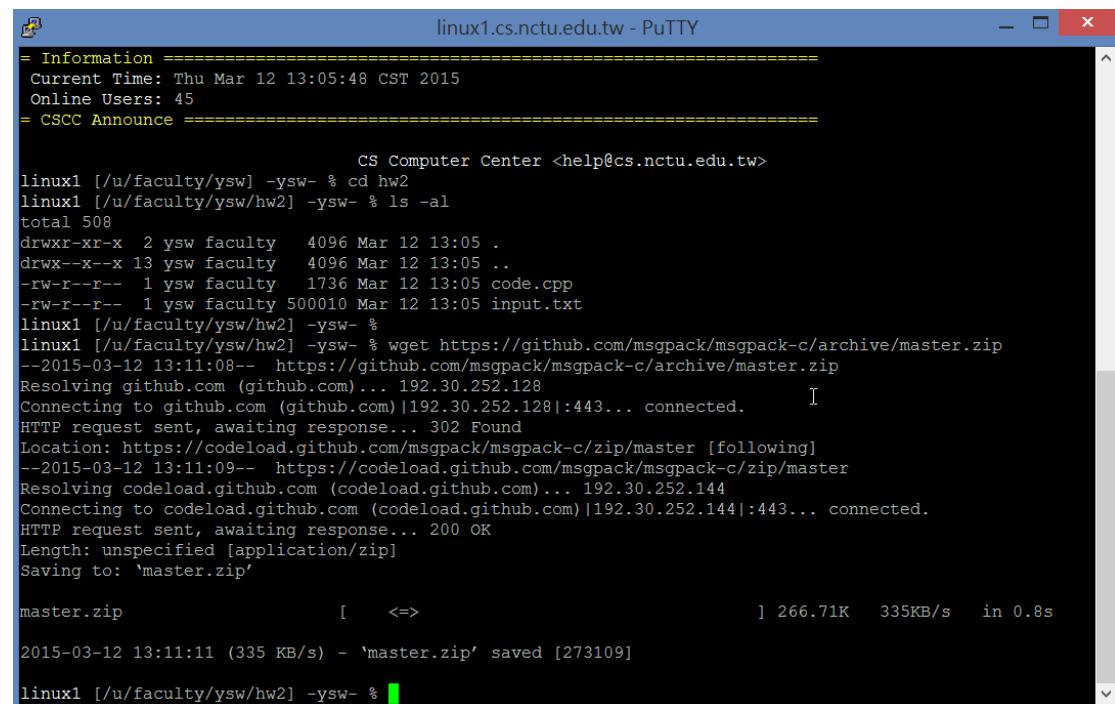


1. We use msgpack-c. Its link is available from the official website



2. wget msgpack-c zip file



3. Unzip it

```
linux1 [/u/faculty/ysw/hw2] -ysw- % unzip master.zip
Archive:  master.zip
156a4403ab625e05ac6988cc6eac9877e407794e
  creating: msgpack-c-master/
  inflating: msgpack-c-master/.gitignore
  inflating: msgpack-c-master/.travis.yml
  inflating: msgpack-c-master/CHANGELOG.md
  inflating: msgpack-c-master/CMakeLists.txt
  inflating: msgpack-c-master/COPYING
  inflating: msgpack-c-master/CROSSLANG.md
  inflating: msgpack-c-master/Doxyfile
  inflating: msgpack-c-master/LICENSE
  inflating: msgpack-c-master/Makefile.am
  inflating: msgpack-c-master/QUICKSTART-C.md
  inflating: msgpack-c-master/QUICKSTART-CPP.md
  inflating: msgpack-c-master/README.md
  inflating: msgpack-c-master/bootstrap
  inflating: msgpack-c-master/cases.json
  inflating: msgpack-c-master/cases_gen.rb
  creating: msgpack-c-master/ci/
  inflating: msgpack-c-master/ci/build_autotools.sh
  inflating: msgpack-c-master/ci/build_cmake.sh
  inflating: msgpack-c-master/configure.in
  inflating: msgpack-c-master/crosslang.cc
  inflating: msgpack-c-master/crosslang.rb
  creating: msgpack-c-master/erb/
  inflating: msgpack-c-master/erb/cpp03_define.hpp.erb
  inflating: msgpack-c-master/erb/cpp03_msgpack_tuple.hpp.erb
  inflating: msgpack-c-master/erb/cpp03_msgpack_tuple_fwd.hpp.erb
  inflating: msgpack-c-master/erb/cpp03_zone.hpp.erb
```

4. Compile your code

```
  inflating: msgpack-c-master/test/cases.mpac
  inflating: msgpack-c-master/test/cases_compact.mpac
  inflating: msgpack-c-master/test/convert.cpp
  inflating: msgpack-c-master/test/fixint.cpp
  inflating: msgpack-c-master/test/fixint_c.cpp
  inflating: msgpack-c-master/test/iterator_cpp11.cpp
  inflating: msgpack-c-master/test/limit.cpp
  inflating: msgpack-c-master/test/msgpack_basic.cpp
  inflating: msgpack-c-master/test/msgpack_c.cpp
  inflating: msgpack-c-master/test/msgpack_container.cpp
  inflating: msgpack-c-master/test/msgpack_cpp11.cpp
  inflating: msgpack-c-master/test/msgpack_stream.cpp
  inflating: msgpack-c-master/test/msgpack_tuple.cpp
  inflating: msgpack-c-master/test/msgpack_vref.cpp
  inflating: msgpack-c-master/test/object.cpp
  inflating: msgpack-c-master/test/object_with_zone.cpp
  inflating: msgpack-c-master/test/pack_unpack.cpp
  inflating: msgpack-c-master/test/pack_unpack_c.cpp
  inflating: msgpack-c-master/test/reference.cpp
  inflating: msgpack-c-master/test/reference_cpp11.cpp
  inflating: msgpack-c-master/test/streaming.cpp
  inflating: msgpack-c-master/test/streaming_c.cpp
  inflating: msgpack-c-master/test/version.cpp
  inflating: msgpack-c-master/test/zone.cpp
linux1 [/u/faculty/ysw/hw2] -ysw- % ls -al
total 784
drwxr-xr-x  3 ysw faculty   4096 Mar 12 13:12 .
drwx--x--x 13 ysw faculty   4096 Mar 12 13:05 ..
-rw-r--r--  1 ysw faculty   1736 Mar 12 13:05 code.cpp
-rw-r--r--  1 ysw faculty 500010 Mar 12 13:05 input.txt
-rw-r--r--  1 ysw faculty 273109 Mar 12 13:11 master.zip
drwxr-xr-x  8 ysw faculty   4096 Mar 11 10:53 msgpack-c-master
linux1 [/u/faculty/ysw/hw2] -ysw- %
linux1 [/u/faculty/ysw/hw2] -ysw- %
linux1 [/u/faculty/ysw/hw2] -ysw- % g++ -I msgpack-c-master/include/ code.cpp
linux1 [/u/faculty/ysw/hw2] -ysw- %
```

If you use MS Visual Studio on Windows, you may add the msgpack include path with the following steps

