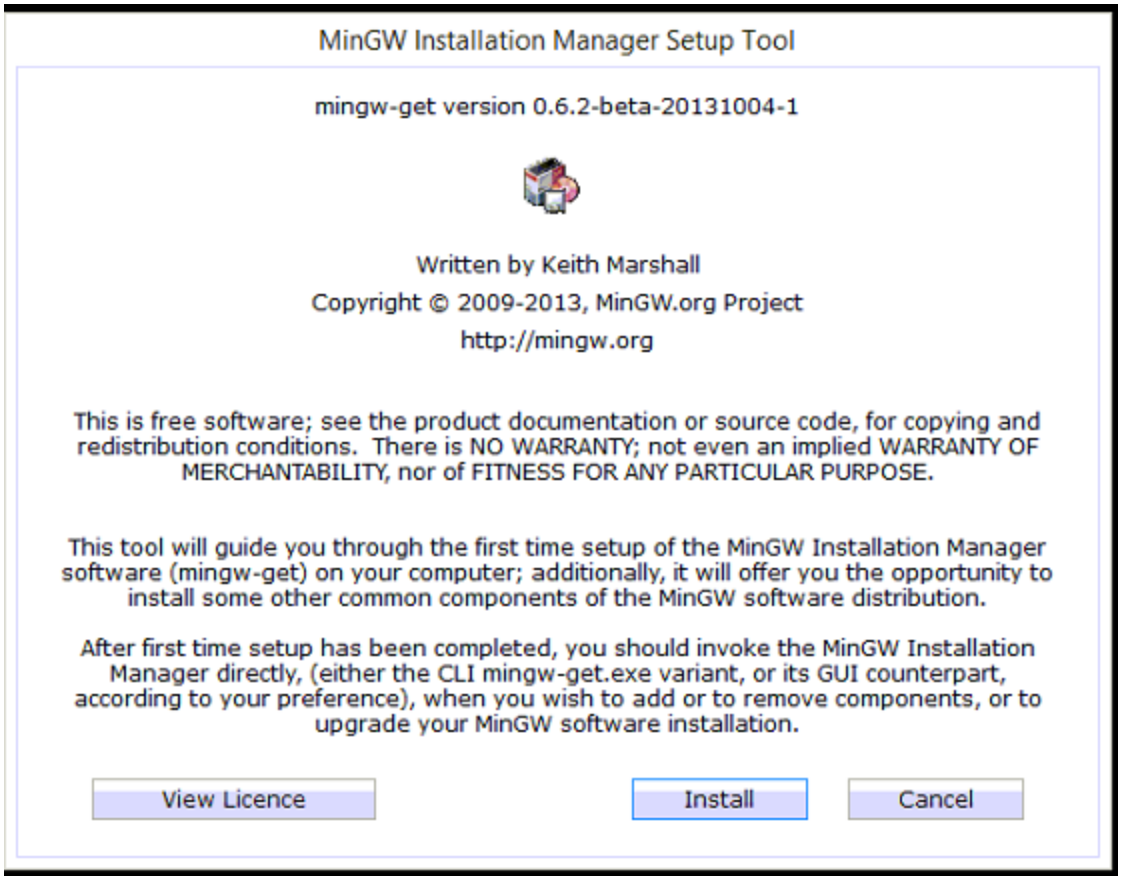
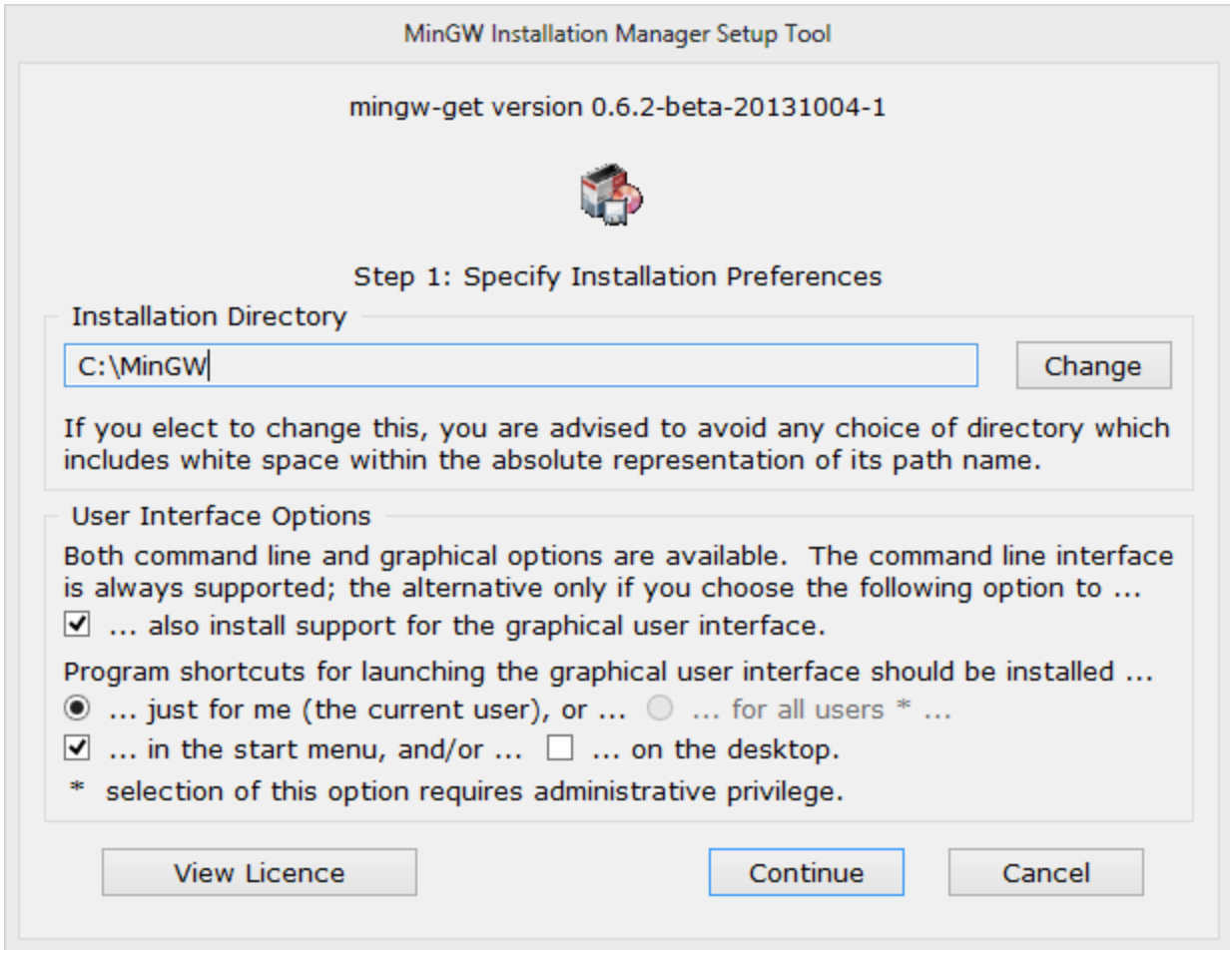
Original Sourceforge SVN: http://sourceforge.net/projects/atomicparsley/
WEZ Bitbucket HG fork: https://bitbucket.org/wez/atomicparsley
Sheild007 Fork of WEZ, also Bitbucket HG: https://bitbucket.org/shield007/atomicparsley
Biulds of WEZ Bitbucket for Windows, including build script:
https://bitbucket.org/jonhedgerows/atomicparsley/wiki/Building%20for%20Windows

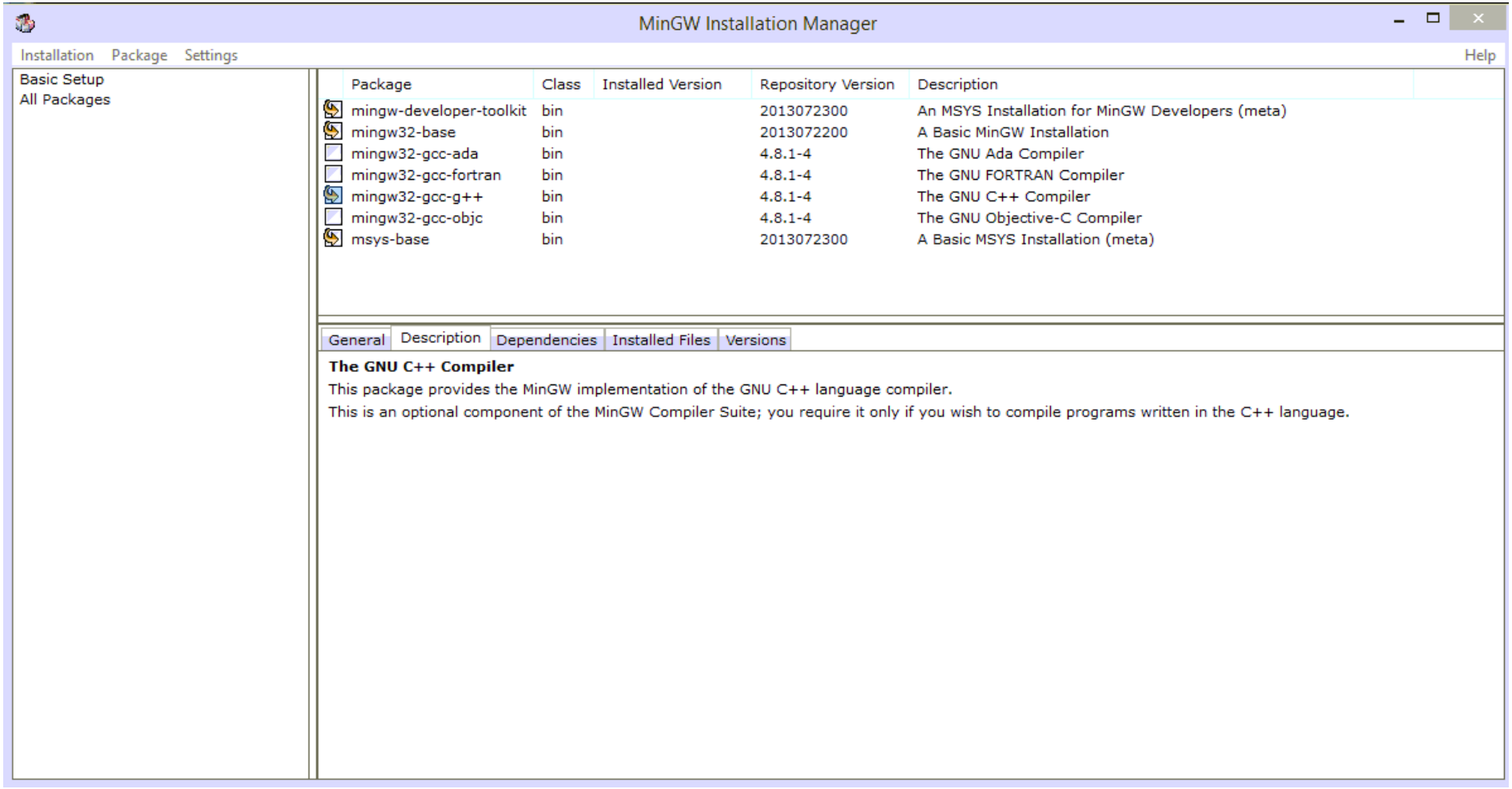
Attempt clean install of MinGW, build of WEZ

Install from: http://mingw.org/

> http://sourceforge.net/projects/mingw/files/
> https://sourceforge.net/projects/mingw/files/latest/download
> http://sourceforge.net/projects/mingw/files/latest/download?source=files
> all point to: mingw-get-setup.exe


MinGW Installation Manager Setup Tool
mingw-get version 0.6.2-beta-20131004-1
Written by Keith Marshall
Copyright © 2009-2013, MinGW.org Project
http://mingw.org
This is free software; see the product documentation or source code, for copying and redistribution conditions. There is NO WARRANTY; not even an implied WARRANTY OF MERCHANTABILITY, nor of FITNESS FOR ANY PARTICULAR PURPOSE.
This tool will guide you through the first time setup of the MinGW Installation Manager software (mingw-get) on your computer; additionally, it will offer you the opportunity to install some other common components of the MinGW software distribution.
After first time setup has been completed, you should invoke the MinGW Installation Manager directly, (either the CLI mingw-get.exe variant, or its GUI counterpart, according to your preference), when you wish to add or to remove components, or to upgrade your MinGW software installation.
View Licence
Install
Cancel


MinGW Installation Manager Setup Tool
mingw-get version 0.6.2-beta-20131004-1
Step 1: Specify Installation Preferences
Installation Directory
C:\MinGW
Change
If you elect to change this, you are advised to avoid any choice of directory which includes white space within the absolute representation of its path name.
User Interface Options
Both command line and graphical options are available. The command line interface is always supported; the alternative only if you choose the following option to ...
... also install support for the graphical user interface.
Program shortcuts for launching the graphical user interface should be installed ...
... just for me (the current user), or ...
... for all users * ...
... in the start menu, and/or ...
... on the desktop.
* selection of this option requires administrative privilege.
View Licence
Continue
Cancel

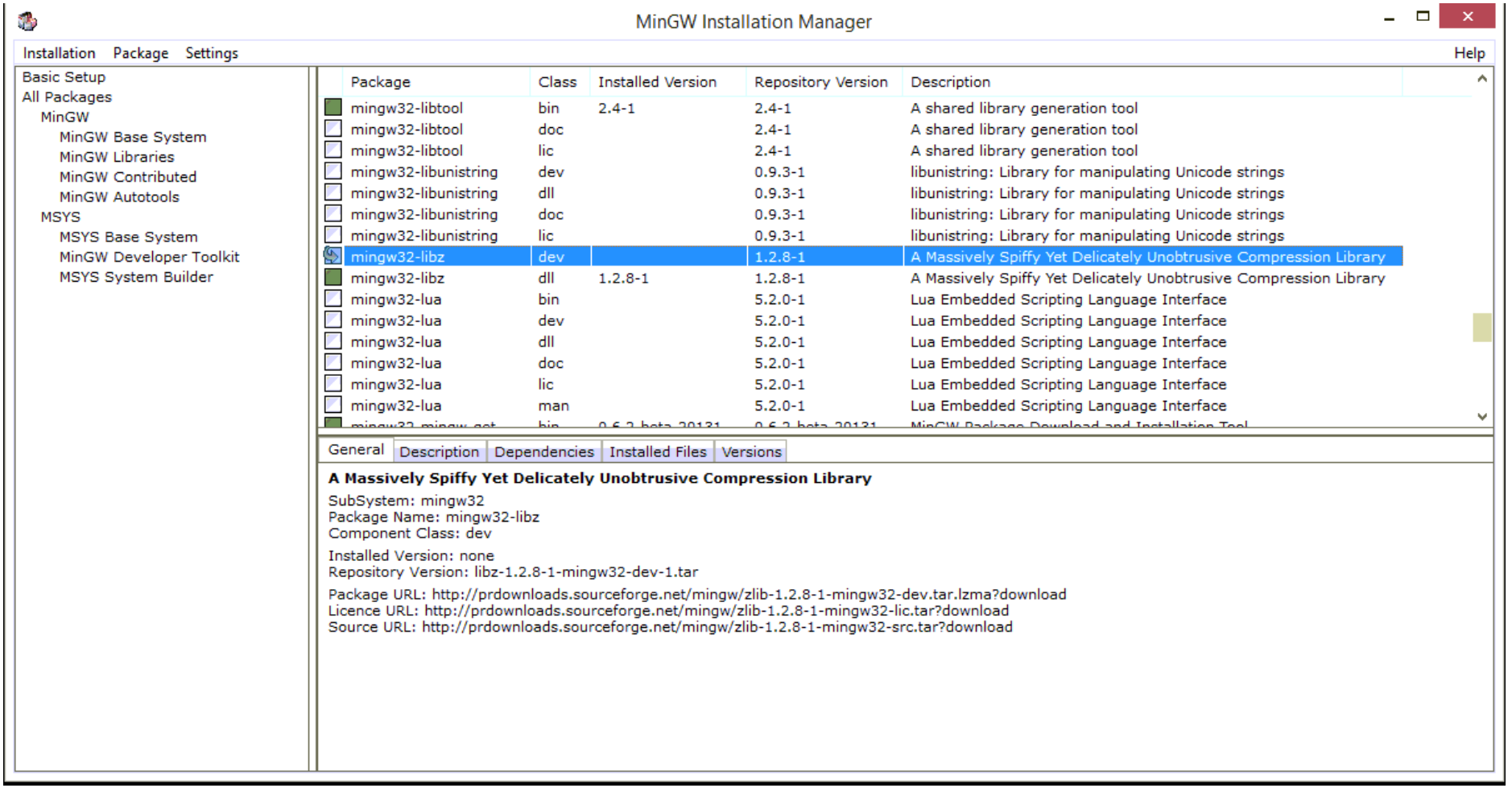


Mark these for install:

- mingw-developer-toolkit
- mingw32-base
- mingw32-gcc-g++
- msys-base

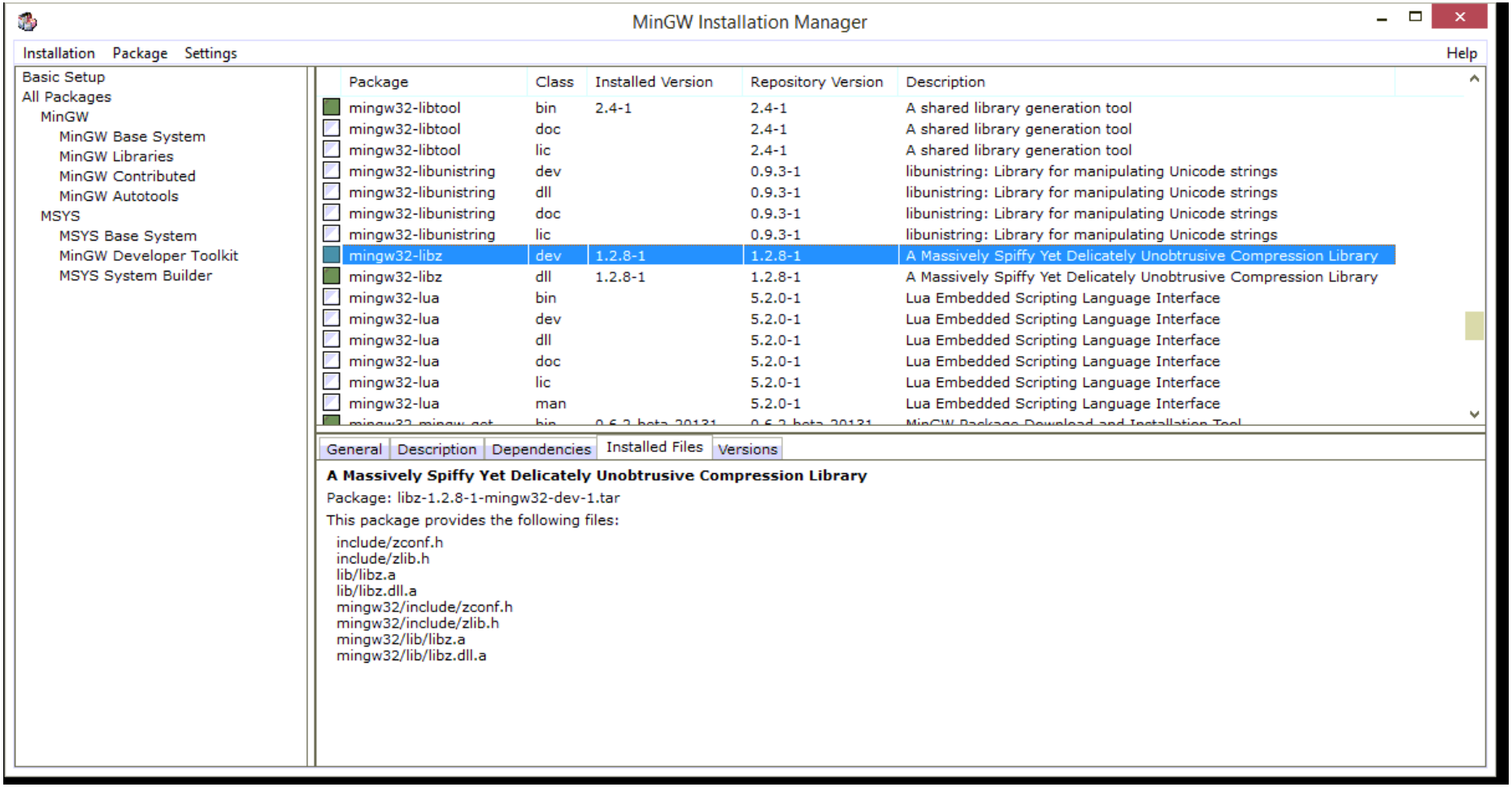
Then apply changes.

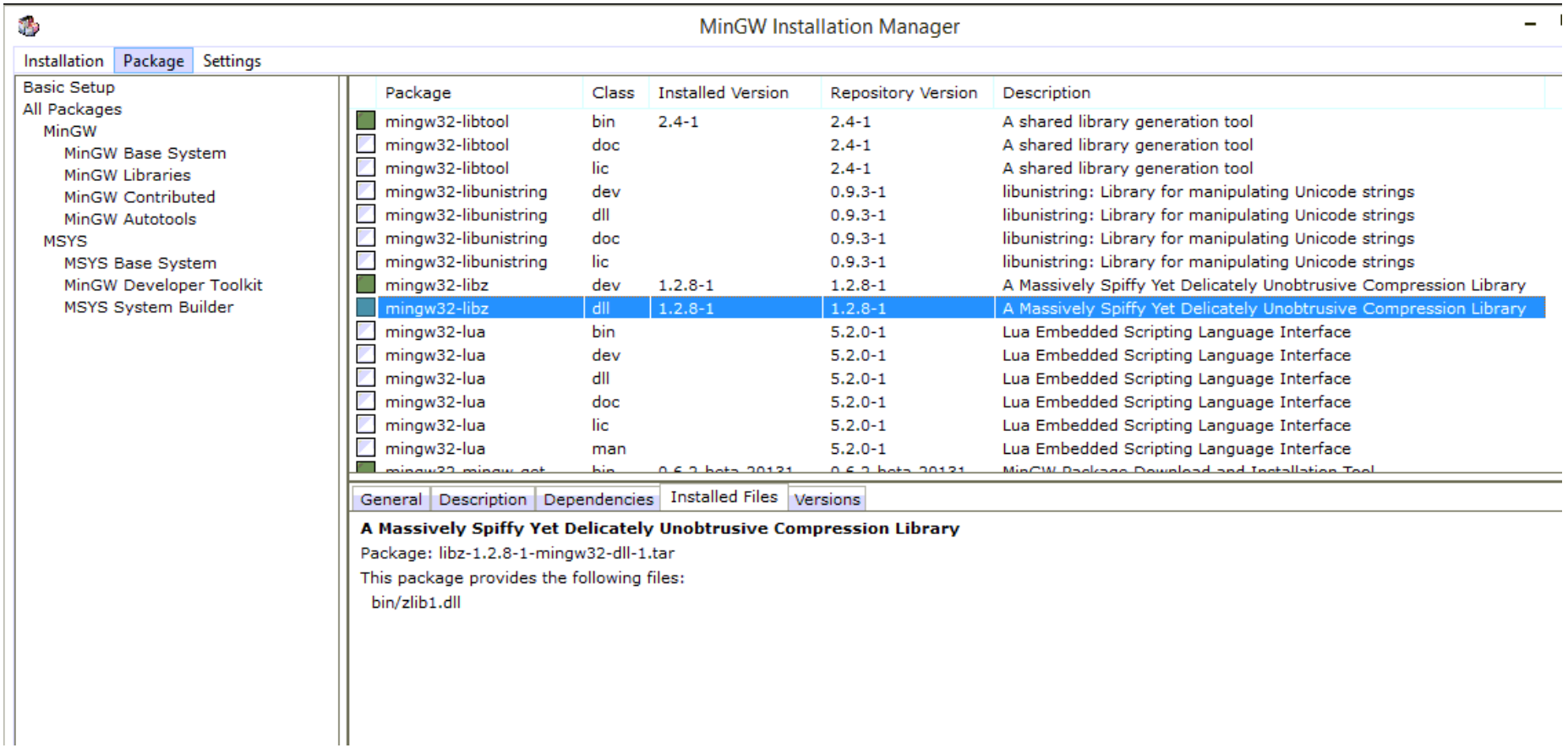
Go back into installer, add libz dev.



by default, libz 1.2.8-1 dll is installed, but not dev.

Leads to these installed files:





Create `C:\MinGW\msys\1.0\etc\fstab` that contains:

```
c:/mingw      /mingw
```

Create shortcut

to `C:\MinGW\msys\1.0\msys.bat`

within `C:\Users\<id>\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\MinGW`

called “MinGW Shell”

Create `C:\MinGW\msys\1.0\home\<id>\.profile` that contains:

```
alias ll='ls -latrh'
```

Install http://tortoisehg.bitbucket.org/

Look at https://bitbucket.org/jonhedgerows/atomicparsley/downloads/mingwbuildtip.sh

Check for existence:

Yes:

/mingw/include/zlib.h
/bin/autogen.exe
/mingw/bin/g++.exe

No:

/bin/wget.exe
/bin/unzip.exe
/bin/zip.exe
/bin/autoconf
/bin/automake

NOTE: decided to leave these alone and just give it a try

Inside MinGW `/home/<id>`

```
mkdir atomicparsleybuild
cd atomicparsleybuild
hg clone https://Foosatraz@bitbucket.org/Foosatraz/wez-atomicparsley-foosatraz-fork

cd wez-atomicparsley-foosatraz-fork
./autogen.sh
      configure.ac:60: installing `./compile'
      configure.ac:15: installing `./config.guess'
```

```
        configure.ac:15: installing `./config.sub'
        configure.ac:13: installing `./install-sh'
        configure.ac:13: installing `./missing'
./configure --prefix=/mingw
```

NOTE: I hit a bunch of issues here, with errors that looked like:

```
checking for deflateEnd in -lz... rm: cannot lstat `conftest.exe': Permission denied
rm: cannot lstat `conftest.exe': Permission denied
no
configure: error: zlib is required
rm: cannot lstat `conftest.exe': Permission denied
```

Root cause was Windows trying to read conftest.exe while it was being created/overwritten.

Once I paused my AntiVirus and Backup software, everything worked again.

```
make LDFLAGS=-static
strip AtomicParsley.exe
```

Now I have a working AtomicParsley.exe !!!