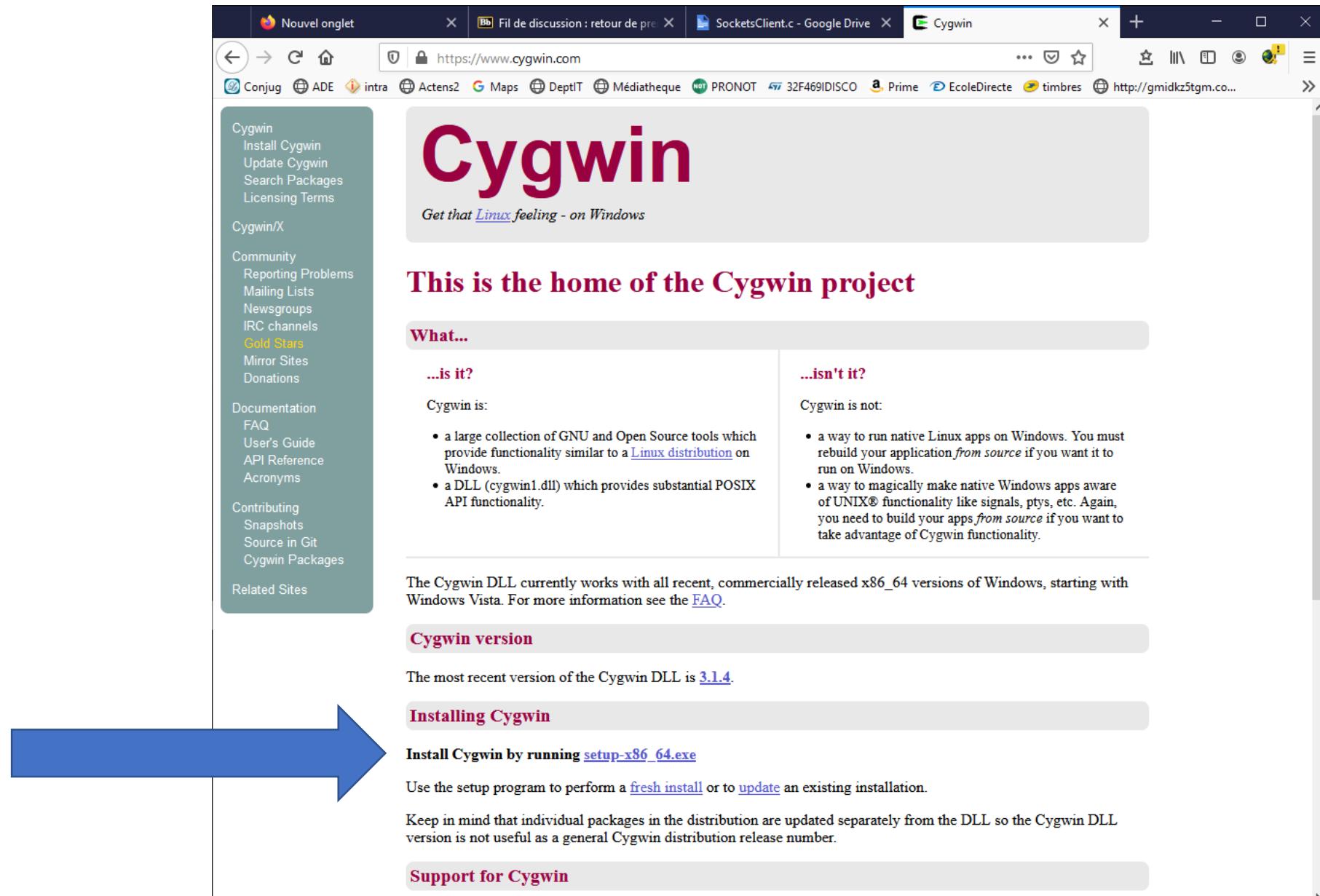


Travailler sous Linux sur un PC Windows sans machine virtuelle : **Cygwin**

t.grandpierre@esiee.fr



Nouvel onglet Fil de discussion : retour de pre... SocketsClient.c - Google Drive Cygwin

https://www.cygwin.com

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Cygwin

Get that [Linux](#) feeling - on Windows

This is the home of the Cygwin project

What...

...is it?

Cygwin is:

- a large collection of GNU and Open Source tools which provide functionality similar to a [Linux distribution](#) on Windows.
- a DLL (cygwin1.dll) which provides substantial POSIX API functionality.

...isn't it?

Cygwin is not:

- a way to run native Linux apps on Windows. You must rebuild your application *from source* if you want it to run on Windows.
- a way to magically make native Windows apps aware of UNIX® functionality like signals, ptys, etc. Again, you need to build your apps *from source* if you want to take advantage of Cygwin functionality.

The Cygwin DLL currently works with all recent, commercially released x86_64 versions of Windows, starting with Windows Vista. For more information see the [FAQ](#).

Cygwin version

The most recent version of the Cygwin DLL is [3.1.4](#).

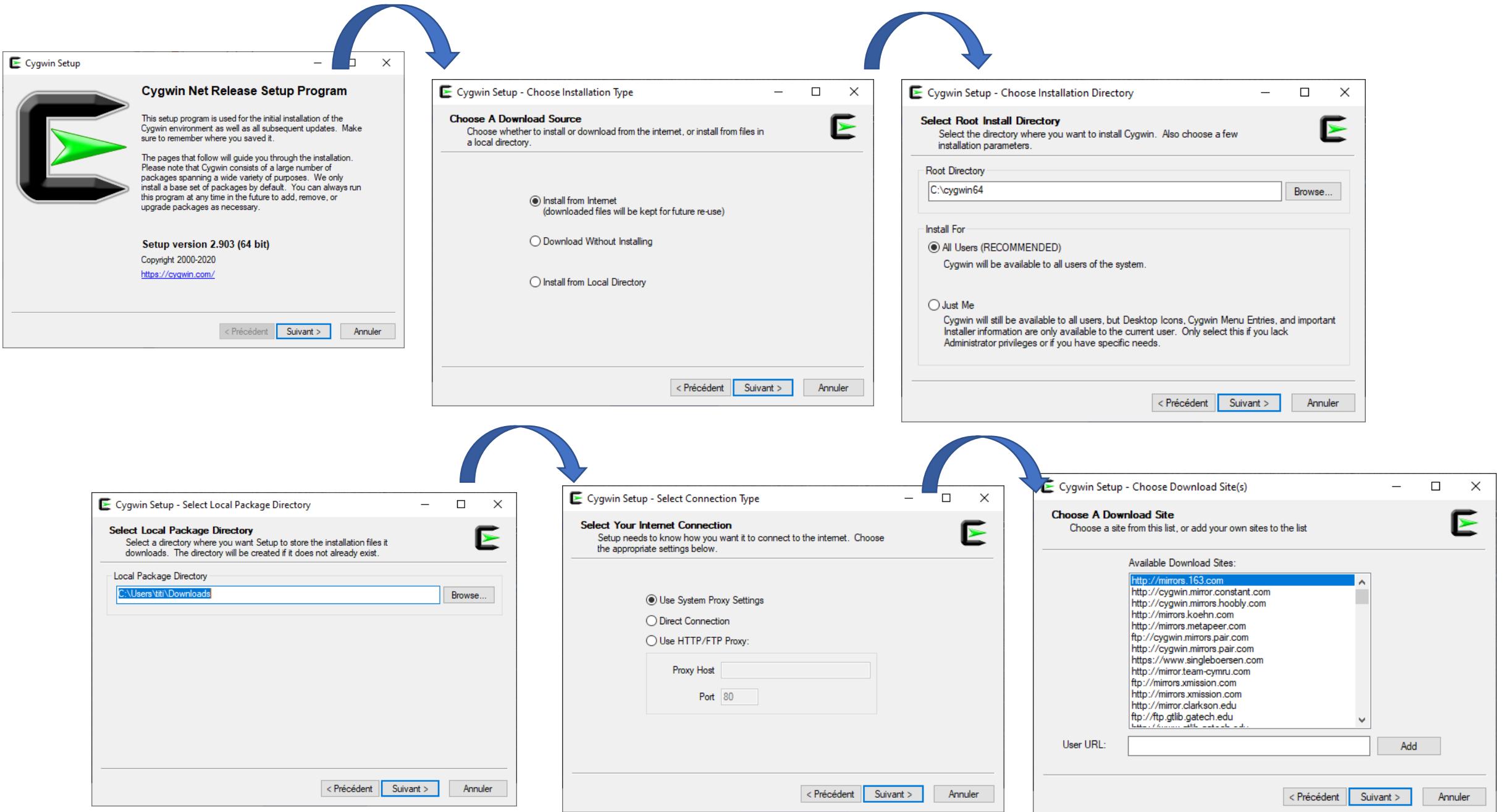
Installing Cygwin

Install Cygwin by running [setup-x86_64.exe](#)

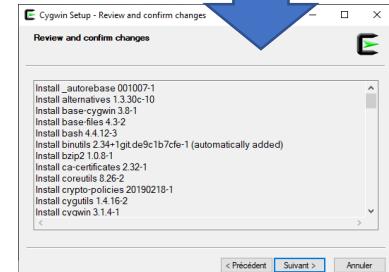
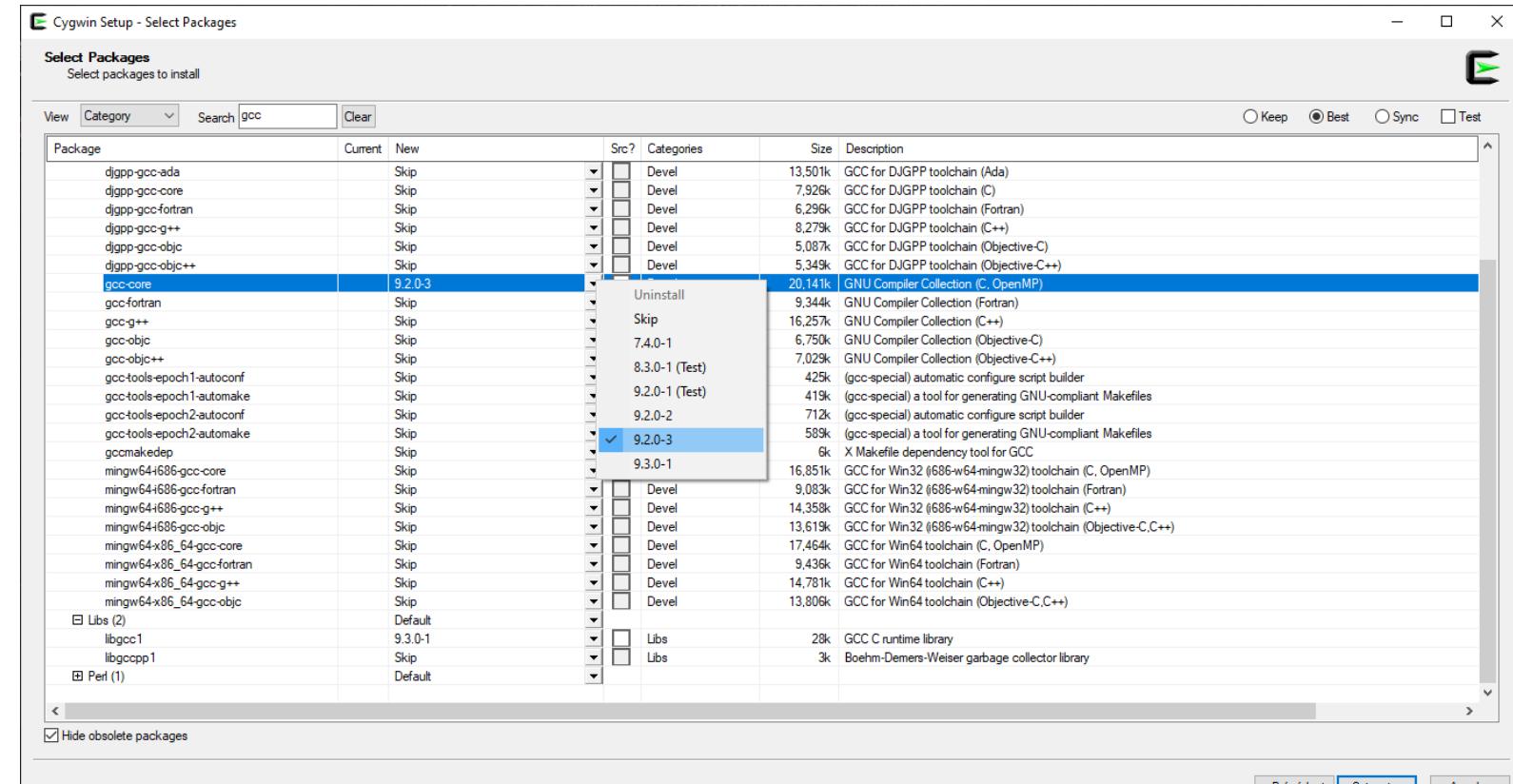
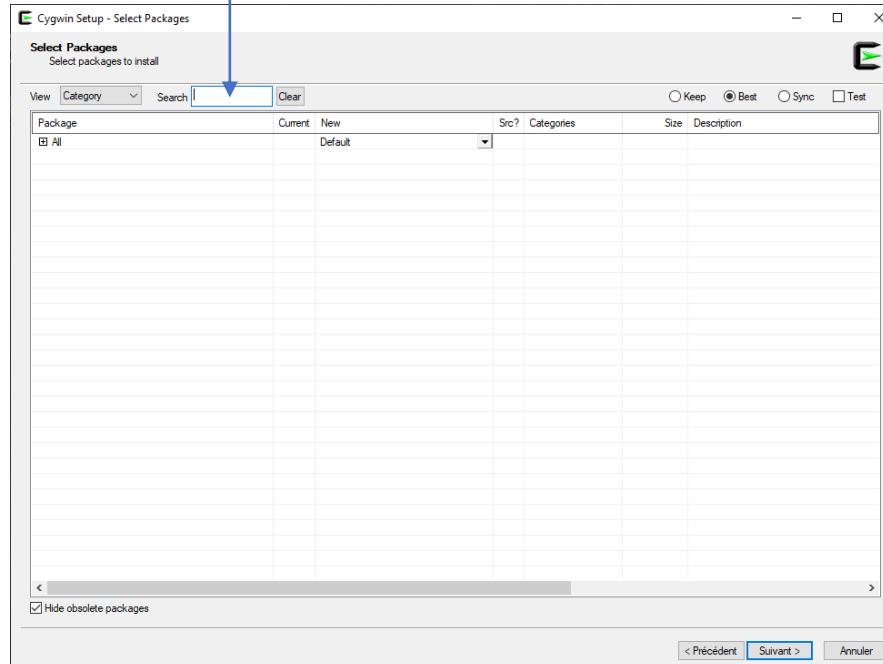
Use the setup program to perform a [fresh install](#) or to [update](#) an existing installation.

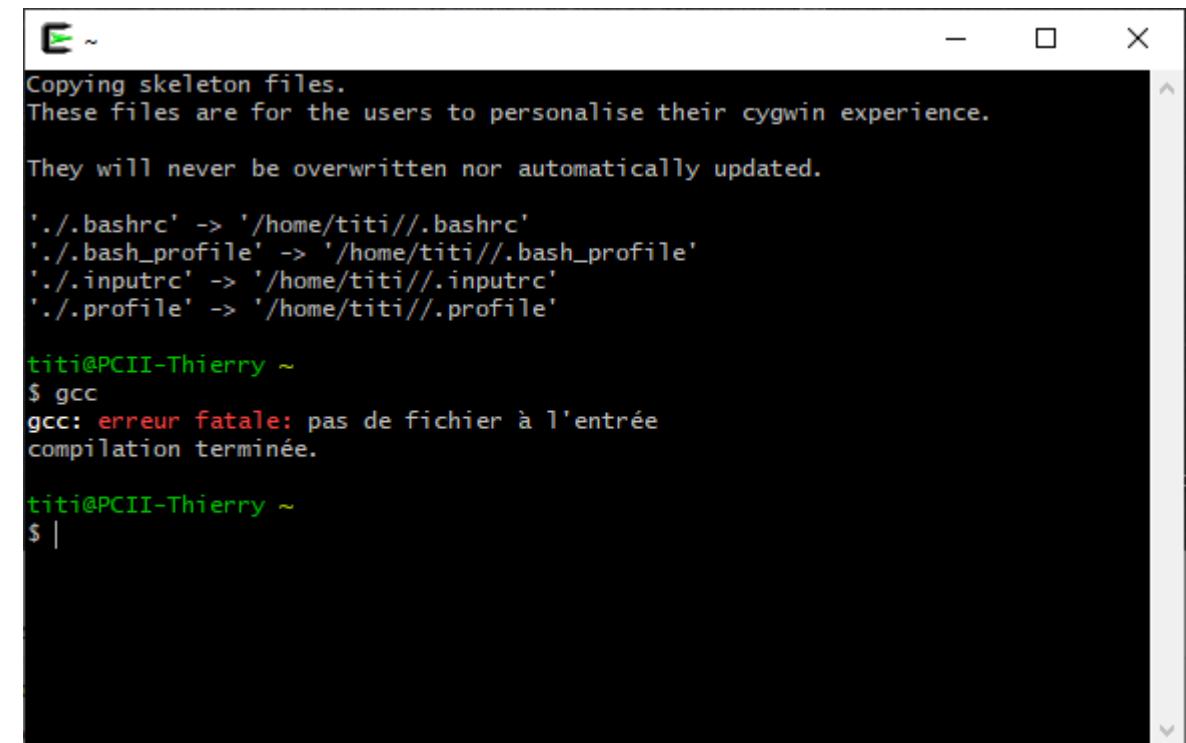
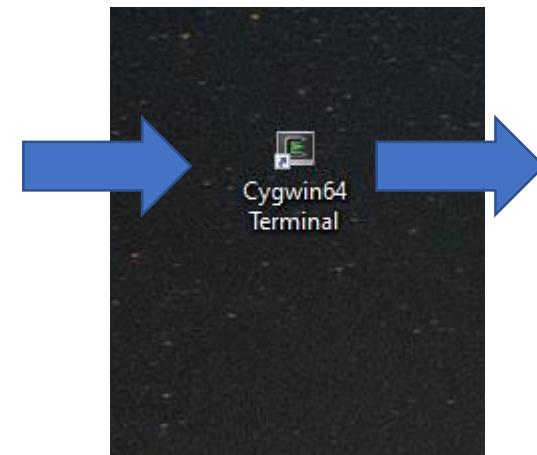
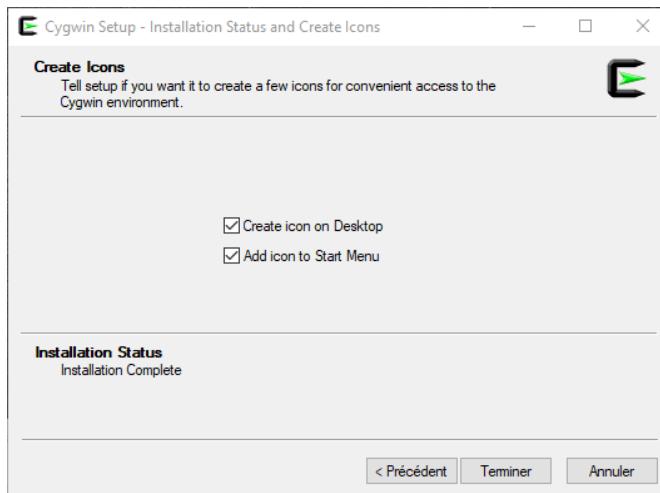
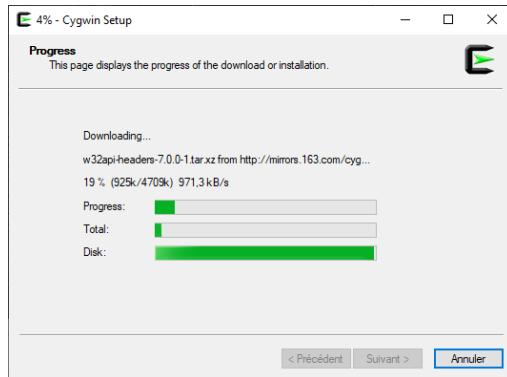
Keep in mind that individual packages in the distribution are updated separately from the DLL so the Cygwin DLL version is not useful as a general Cygwin distribution release number.

Support for Cygwin



gcc





```
titi@PCII-Thierry ~
$ ls
client.c client.exe client.exe.stackdump pgm.c server.c

titi@PCII-Thierry ~
$ ls -l
total 173
-rwxr-xr-x 1 titi Aucun 1960 16 mars 18:51 client.c
-rwxr-xr-x 1 titi Aucun 162259 16 mars 18:52 client.exe
-rwxr-xr-x 1 titi Aucun 974 16 mars 18:52 client.exe.stackdump
-rwxr-xr-x 1 titi Aucun 72 16 mars 08:43 pgm.c
-rwxr-xr-x 1 titi Aucun 1587 16 mars 17:56 server.c

titi@PCII-Thierry ~
$ uname -a
CYGWIN_NT-10.0 PCII-Thierry 3.1.4(0.340/5/3) 2020-02-19 08:49 x86_64 Cygwin

titi@PCII-Thierry ~
$ |
```

Le répertoire correspondant à cet utilisateur est ici :
C:\cygwin64\home\titi

