

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

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

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: <ul style="list-style-type: none">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: <ul style="list-style-type: none">a way to run native Linux apps on Windows. You must rebuild your application <i>from source</i> 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 <i>from source</i> 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

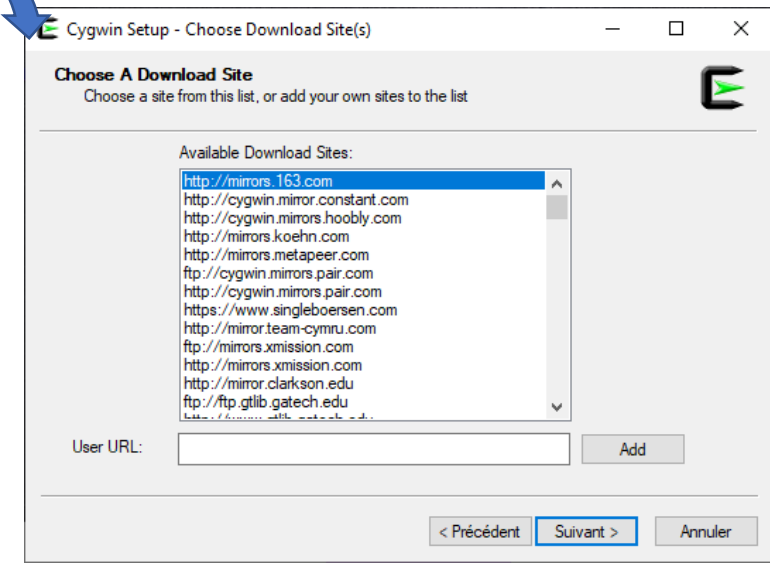
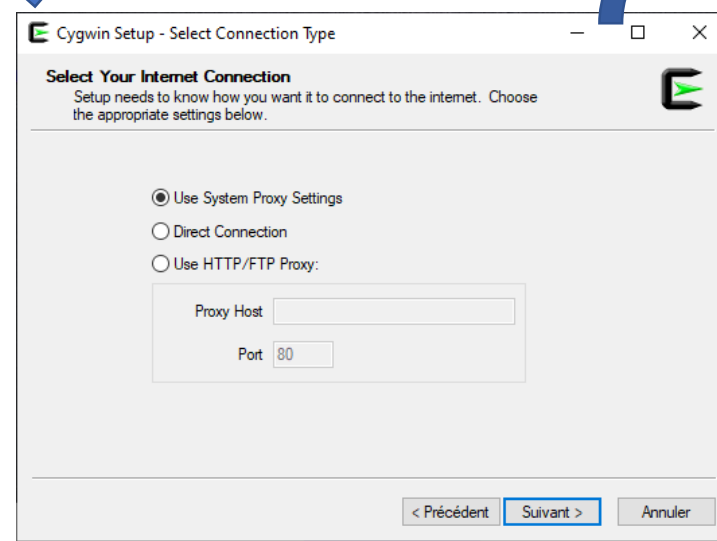
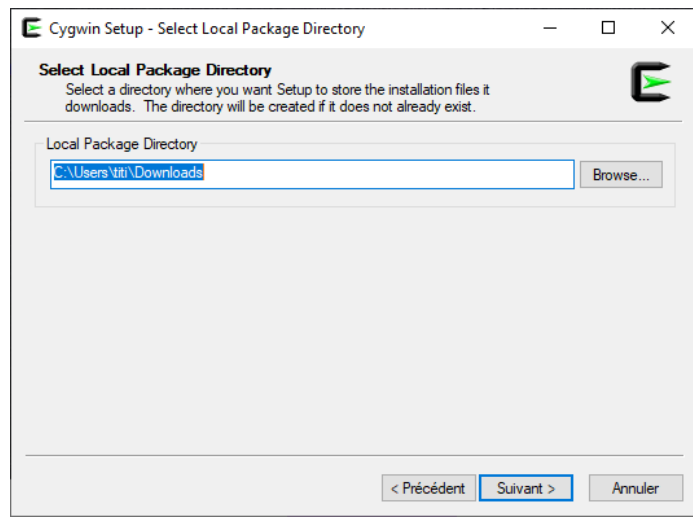
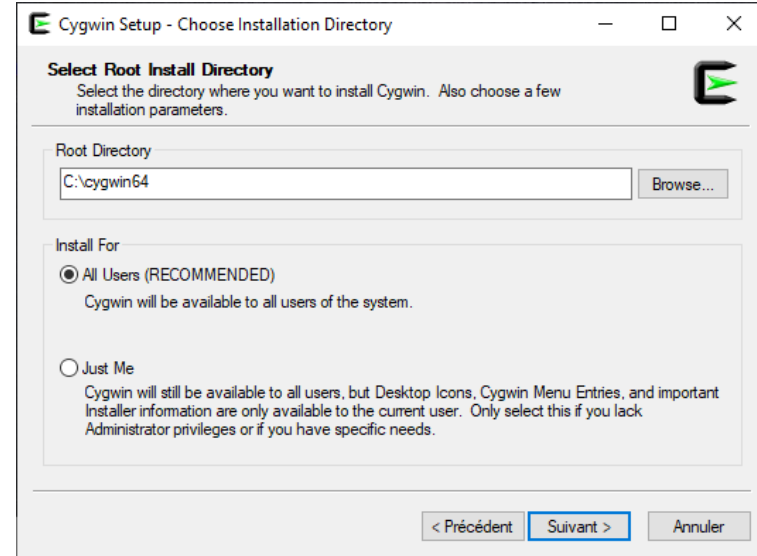
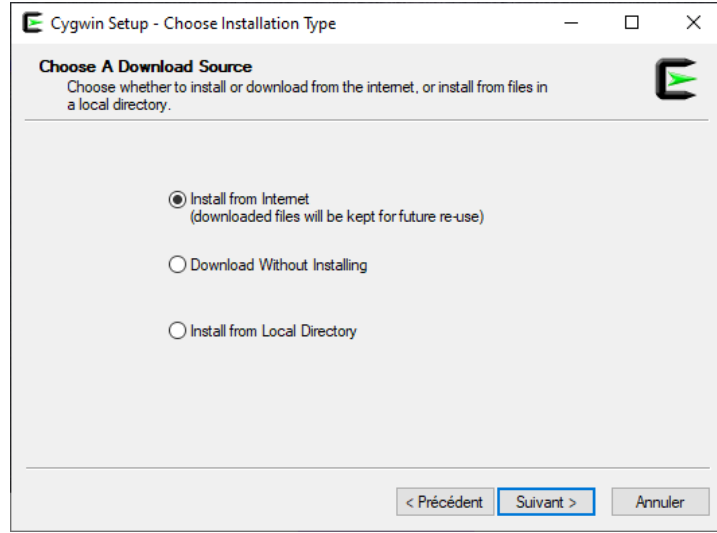
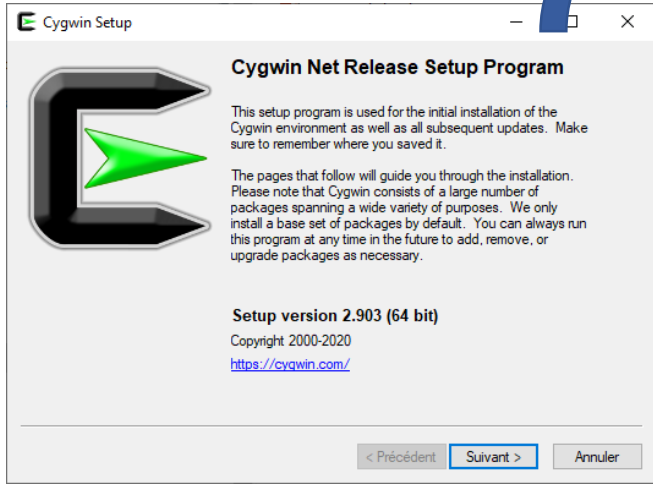
Install Cygwin by running [setup-x86_64.exe](#)

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



Cywin Setup - Select Packages

Select Packages
Select packages to install

View Category Search Clear Keep Best Sync Test

| Package | Current | New | Src? | Categories | Size | Description |
|--------------------|---------|---------|------|------------|------|-------------|
| All | | Default | | | | |
| [Empty table rows] | | | | | | |

< Hide obsolete packages

< Précédent Suivant > Annuler

Cywin Setup - Select Packages

Select Packages
Select packages to install

View Category Search Clear Keep Best Sync Test

| Package | Current | New | Src? | Categories | Size | Description |
|----------------------------|---------|---------|------|------------|---------|---|
| djgpp-gcc-ada | | Skip | | Devel | 13,501k | GCC for DJGPP toolchain (Ada) |
| djgpp-gcc-core | | Skip | | Devel | 7,926k | GCC for DJGPP toolchain (C) |
| djgpp-gcc-fortran | | Skip | | Devel | 6,296k | GCC for DJGPP toolchain (Fortran) |
| djgpp-gcc-g++ | | Skip | | Devel | 8,279k | GCC for DJGPP toolchain (C++) |
| djgpp-gcc-objc | | Skip | | Devel | 5,087k | GCC for DJGPP toolchain (Objective-C) |
| djgpp-gcc-objc++ | | Skip | | Devel | 5,349k | GCC for DJGPP toolchain (Objective-C++) |
| gcc-core | | 9.2.0-3 | | Devel | 20,141k | GNU Compiler Collection (C, OpenMP) |
| gcc-fortran | | Skip | | Devel | 9,344k | GNU Compiler Collection (Fortran) |
| gcc-g++ | | Skip | | Devel | 16,257k | GNU Compiler Collection (C++) |
| gcc-objc | | Skip | | Devel | 6,750k | GNU Compiler Collection (Objective-C) |
| gcc-objc++ | | Skip | | Devel | 7,029k | GNU Compiler Collection (Objective-C++) |
| gcc-tools-epoch1-autoconf | | Skip | | Devel | 425k | (gcc-special) automatic configure script builder |
| gcc-tools-epoch1-automake | | Skip | | Devel | 419k | (gcc-special) a tool for generating GNU-compliant Makefiles |
| gcc-tools-epoch2-autoconf | | Skip | | Devel | 712k | (gcc-special) automatic configure script builder |
| gcc-tools-epoch2-automake | | Skip | | Devel | 589k | (gcc-special) a tool for generating GNU-compliant Makefiles |
| gcmakedep | | Skip | | Devel | 6k | X Makefile dependency tool for GCC |
| mingw64-686-gcc-core | | Skip | | Devel | 16,851k | GCC for Win32 (686-w64-mingw32) toolchain (C, OpenMP) |
| mingw64-686-gcc-fortran | | Skip | | Devel | 9,083k | GCC for Win32 (686-w64-mingw32) toolchain (Fortran) |
| mingw64-686-gcc-g++ | | Skip | | Devel | 14,359k | GCC for Win32 (686-w64-mingw32) toolchain (C++) |
| mingw64-686-gcc-objc | | Skip | | Devel | 13,619k | GCC for Win32 (686-w64-mingw32) toolchain (Objective-C-C++) |
| mingw64-x86_64-gcc-core | | Skip | | Devel | 17,464k | GCC for Win64 toolchain (C, OpenMP) |
| mingw64-x86_64-gcc-fortran | | Skip | | Devel | 9,436k | GCC for Win64 toolchain (Fortran) |
| mingw64-x86_64-gcc-g++ | | Skip | | Devel | 14,781k | GCC for Win64 toolchain (C++) |
| mingw64-x86_64-gcc-objc | | Skip | | Devel | 13,806k | GCC for Win64 toolchain (Objective-C-C++) |
| Libs (2) | | Default | | | | |
| libgcc1 | | 9.3.0-1 | | Libs | 28k | GCC C runtime library |
| libgccpp1 | | Skip | | Libs | 3k | Boehm-Demers-Weiser garbage collector library |
| Perl (1) | | Default | | | | |

< Hide obsolete packages

< Précédent Suivant > Annuler

- Uninstall
- Skip
- 7.4.0-1
- 8.3.0-1 (Test)
- 9.2.0-1 (Test)
- 9.2.0-2
- 9.2.0-3
- 9.3.0-1

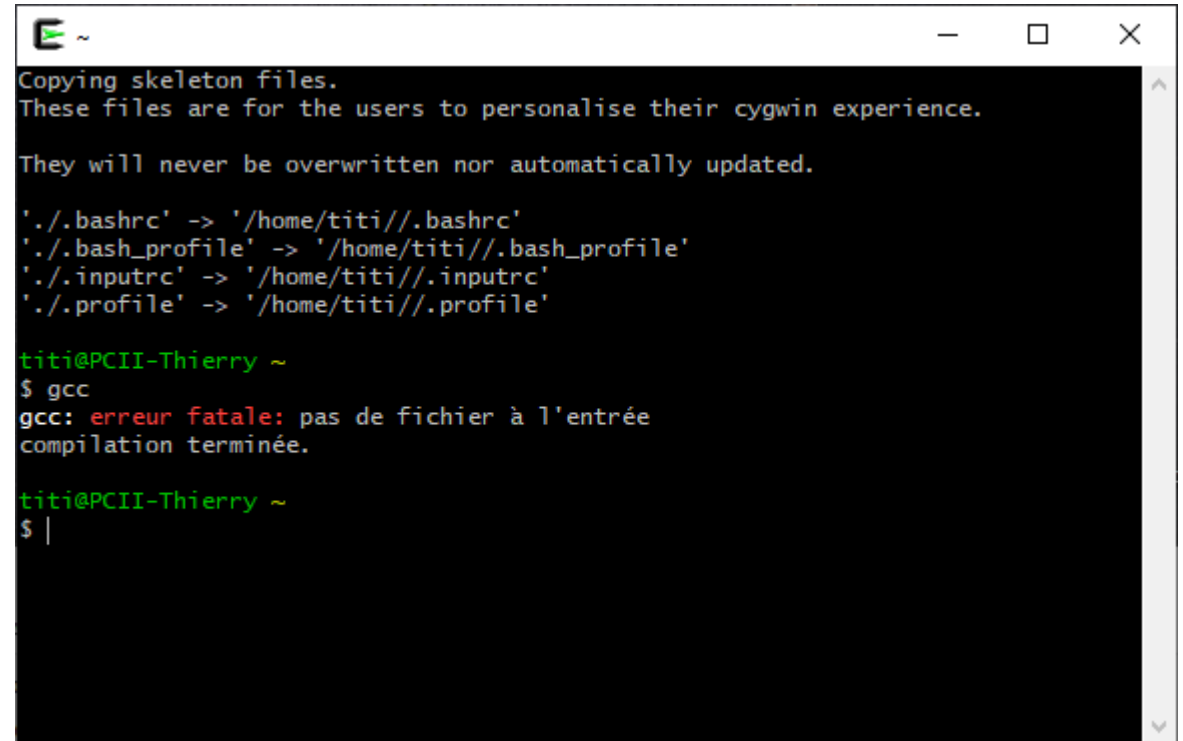
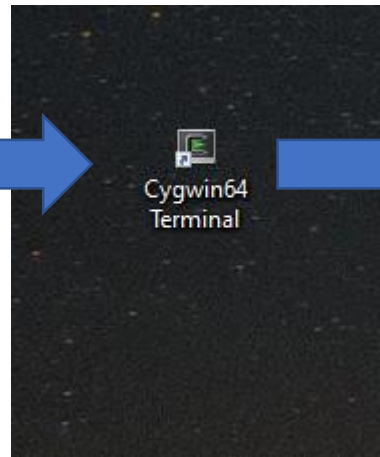
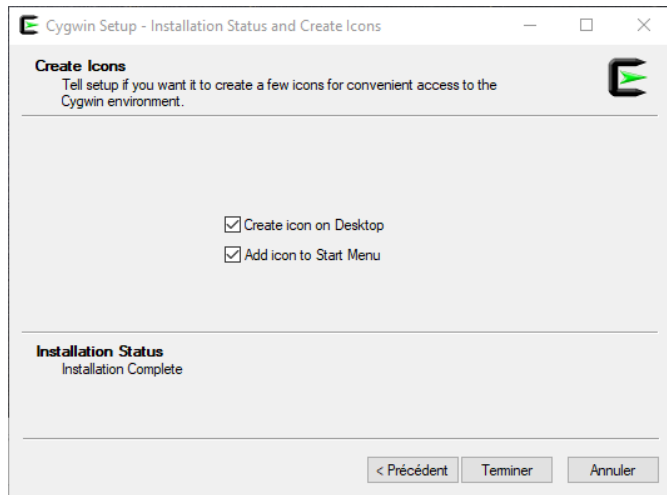
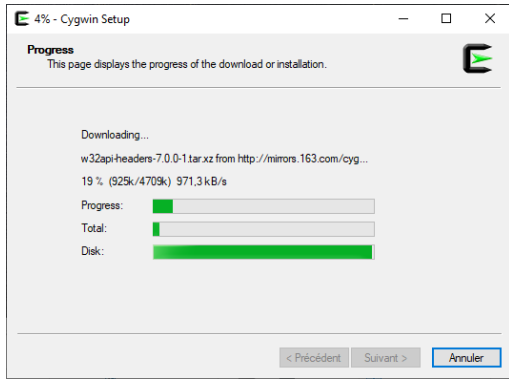


Cywin Setup - Review and confirm changes

Review and confirm changes

- Install _autorebase 001007-1
- Install alternatives 1.3.30-10
- Install base-cywin 3.8-1
- Install base-files 4.3-2
- Install bash 4.4.12-3
- Install binutils 2.34-1gtd9c1b7cfe-1 (automatically added)
- Install bzip2 1.0.8-1
- Install ca-certificates 20190218-1
- Install cygutils 1.4.16-2
- Install cydwin 3.1.4-1

< Précédent Suivant > Annuler



```
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

