Cygwin
Cygwin?

- A virtual linux terminal
- It support basic linux commands and GNU tools (gcc, make, etc.)
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 (cygwin.dll) which provides substantial POSIX API functionality.

This Cygwin DLL currently works with all recent, commercially released x86 32 bit and 64 bit versions of Windows, starting with Windows XP SP3.

For more information see the FAQ.

Current Cygwin DLL version

The most recent version of the Cygwin DLL is 1.7.28. Install it by running setup-x86.exe (32-bit installation) or setup-x86_64.exe (64-bit installation).

Use the setup program to perform a fresh install or to update an existing installation.

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

Commercial Support for Cygwin

For Cygwin licensing or commercial support, please visit the Red Hat Cygwin Product site.

Community Support for Cygwin

For all non-commercial Cygwin-related questions and observations, please check the resources available at the site, such as the FAQ, the User's Guide and the mailing list archives. For general questions, then please...
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32bit - x86.exe
64bit - x86_64.exe
Installation

Cygwin Net Release Setup Program

This setup program is used for the initial installation of the Cygwin environment as well as all subsequent updates. Make sure to remember where you saved it.

The pages that follow will guide you through the installation. Please note that Cygwin consists of a large number of packages spanning a wide variety of purposes. We only install a base set of packages by default. You can always run this program at any time in the future to add, remove, or upgrade packages as necessary.

Setup.exe version 2.844 (64 bit)
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http://www.cygwin.com/
installation

Choose A Download Source
Choose whether to install or download from the internet, or install from files in a local directory.

- Install from Internet
  (downloaded files will be kept for future re-use)
- Download Without Installing
- Install from Local Directory
installation

Choose a directory
installation
installation

ftp://ftp.jaist.ac.kr
installation
installation

Search gcc -> Devel -> gcc-core
installation

Search diff -> Utills -> diffutils
installation

Search vim -> Editors -> vim
Usage
Usage

```bash
jminlee@WIN-PMTTUOCCSB9 ~
$ vim helloworld.c
```
Usage

```
Jminlee@WIN-PMTTUOCCSSB9 ~
$ vim helloworld.c
```

or

Cygwin home directory
Usage

gcc [options] [source_file]

Jminlee@WIN-PMTTUOCSCSB9 ~
$ gcc helloworld.c |

Jminlee@WIN-PMTTUOCSCSB9 ~
$ ls
a.exe  helloworld.c
Usage

```
Jminlee@WIN-PMTTUOCCSB9 ~
$ ./a.exe
Hello, World!
```

./[executable file]