

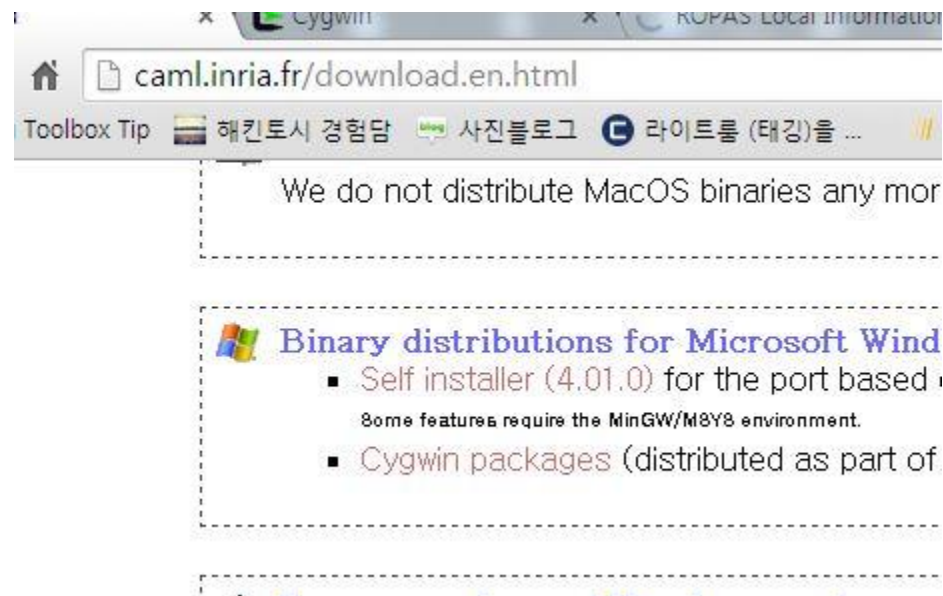
OCaml Install and Use

강동욱

OCaml Install

- <http://caml.inria.fr/download.en.html>
- Linux: apt-get install ocaml
- Linux&Mac:
 - Download OPAM (<http://opam.ocamlpro.com/>)
 - opam init -> opam switch 3.12.1 (or any other version number)
- Windows:
 - Self installer

OCaml Install



OCaml Install

The screenshot shows a web browser window with the address bar displaying `protz.github.io/ocaml-installer/`. The page content includes a sidebar on the left, a main text area with instructions, and a download section. A red rectangular box highlights the text "Installer for OCaml 4.01.0".

nl installer for W x Cygwin x ROPAS Local Information x

protz.github.io/ocaml-installer/

g Toolbox Tip 해킨토시 경험담 사진블로그 라이트를 (태깅)을 ... ETH | Workshop on ... VI Editor Manual Javascript Tutorial EduHow :: (유학

and others.

- However, the mingw-w64 compilers are native windows programs. Cygwin is only used because it has all the unix utilities and a package

If you already have Cygwin installed, just make sure the following packages are present: curl, make, mingw64-i686-gcc-g++, mingw64-i686-gcc, p required for odb to work properly.

Download

The installer has been tested on Windows XP, Windows 7, Windows 8.

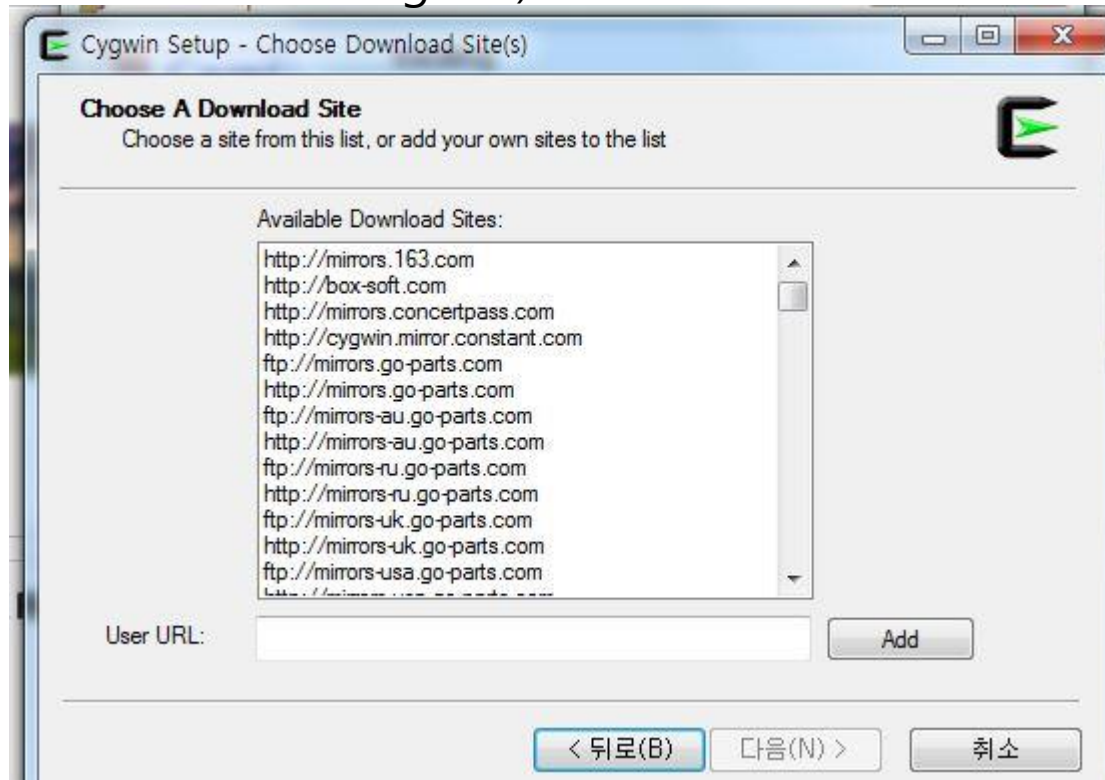
Installer for OCaml 4.01.0

Other versions

- [OCaml 4.00.1](#) -- previous version of OCaml

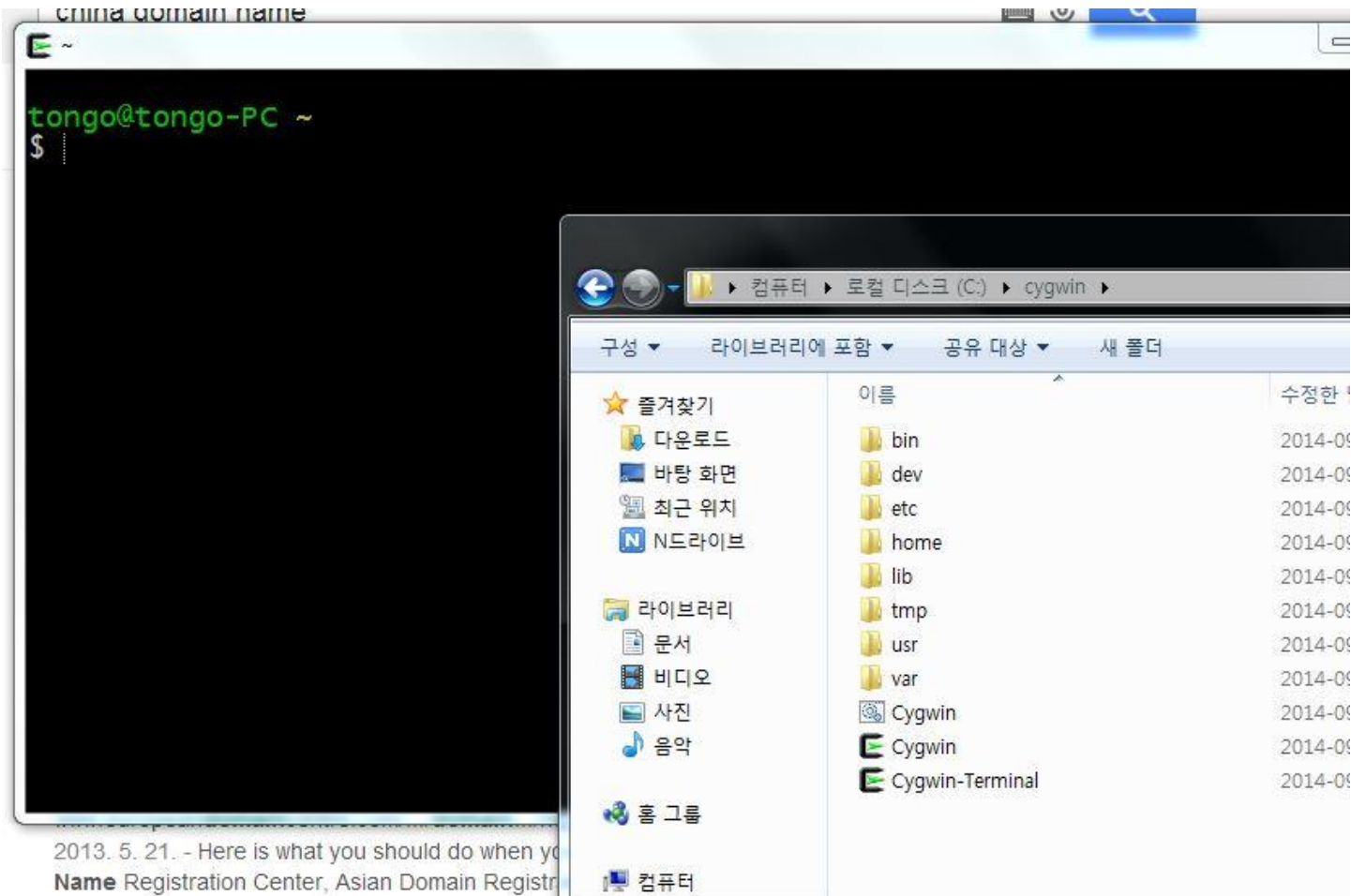
OCaml Install

1. Just next,next... (Tcl, Emacs are not essential)
2. In cygwin setup, select appropriate mirror site.
(the nearest nations are good)



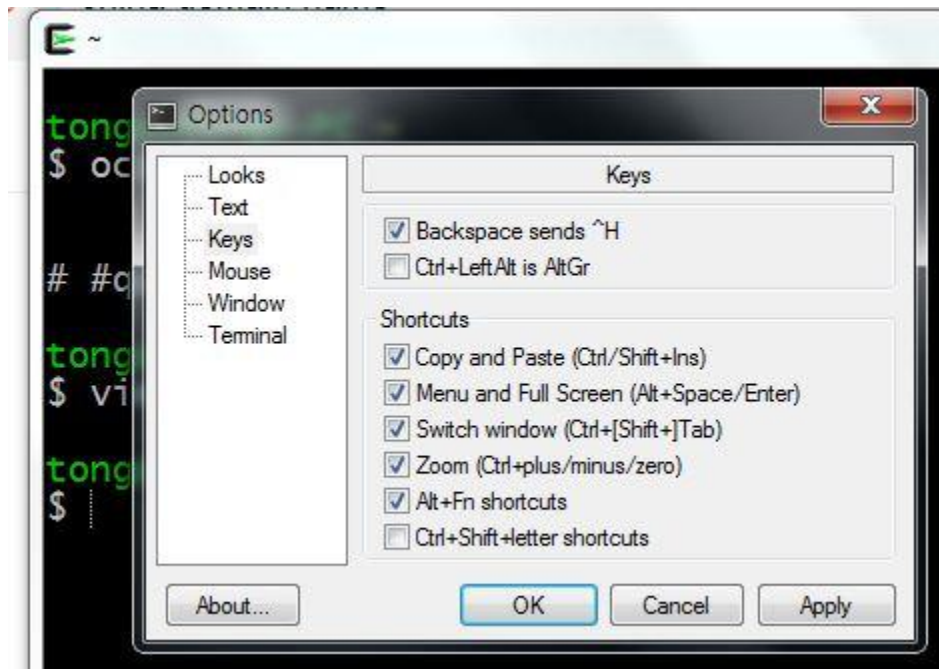
OCaml Install

Run terminal



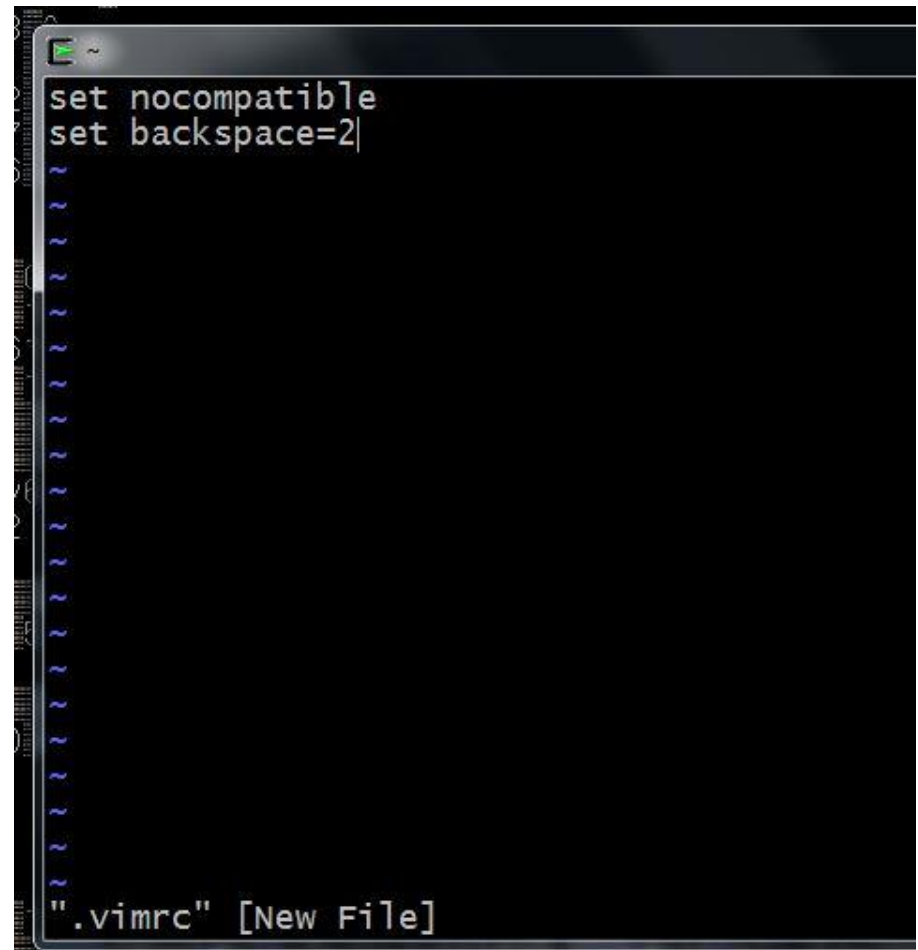
Cygwin Backspace Config

click icon -> select options
Check Backspace sends



Cygwin Backspace Config

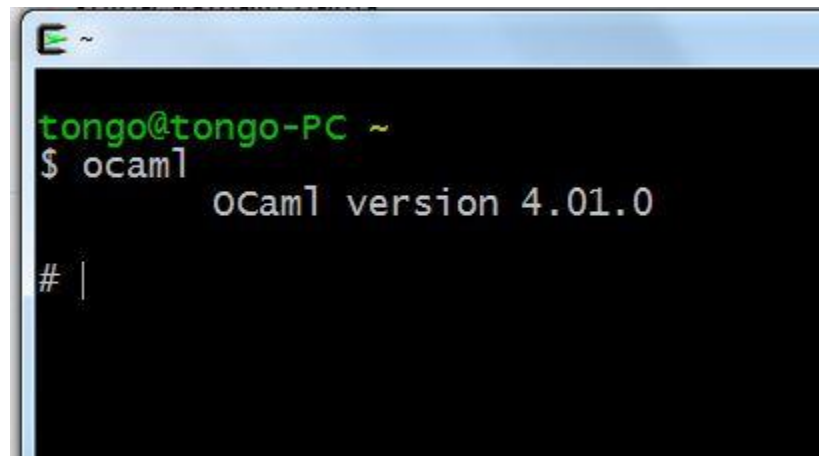
Write and save following configs
on .vimrc file

A screenshot of a Vim editor window. The window has a dark background with a light-colored border. The title bar at the top shows a small icon and the text ".vimrc". The main editing area contains two lines of text: "set nocompatible" and "set backspace=2". The text is in a light color, likely white or light blue. The status bar at the bottom of the window shows ".vimrc" [New File].

```
set nocompatible
set backspace=2
```

".vimrc" [New File]

Interpreter

A screenshot of a terminal window with a black background and a light blue title bar. The title bar contains a green icon and a tilde symbol. The terminal text shows a user named 'tongo' at a machine named 'tongo-PC' in the home directory. The user has entered the command 'ocaml', which has resulted in the output 'OCaml version 4.01.0'. A new prompt '#' followed by a vertical bar is shown on the next line.

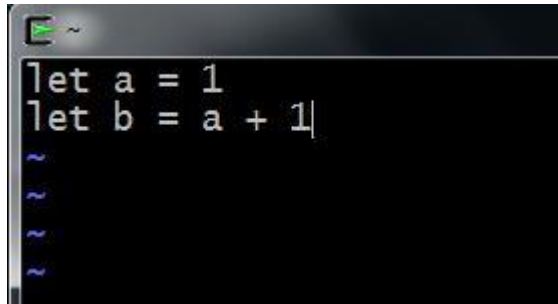
```
tongo@tongo-PC ~  
$ ocaml  
      OCaml version 4.01.0  
# |
```

Interpreter

```
tongo@tongo-PC ~  
$ ocaml  
      OCaml version 4.01.0  
  
# #quit;;  
  
tongo@tongo-PC ~  
$ |
```

Interpreter

Running OCaml source code

A terminal window with a dark background and a light gray title bar. The title bar contains a small icon and a tilde symbol. The terminal displays OCaml code in a light gray font. The first two lines are 'let a = 1' and 'let b = a + 1'. The third line is a tilde '~'. The fourth line is a tilde '~'. The fifth line is a tilde '~'. The sixth line is a tilde '~'. The cursor is at the end of the second line.

```
let a = 1
let b = a + 1
~
~
~
~
```

Interpreter

Running OCaml source code

```
$ vim .vimrc  
  
tongo@tongo-PC ~  
$ vim test.ml  
  
tongo@tongo-PC ~  
$ ls  
test.ml  
  
tongo@tongo-PC ~  
$ ocaml -init test.ml|
```

Interpreter

Running OCaml source code

```
$ vim .vimrc

tongo@tongo-PC ~
$ vim test.ml

tongo@tongo-PC ~
$ ls
test.ml

tongo@tongo-PC ~
$ ocaml -init test.ml
OCaml version 4.01.0

# a;;
- : int = 1
# b;;
- : int = 2
#
```