

Short installation instructions for Emacs + ESS + R + MinGW

1.1. Install R

- [] Download Installer from here: <https://cran.r-project.org/bin/windows/base/R-4.1.2-win.exe>
- [] Run installer (double-click)
- [] Accept all standard settings
- [] Add shortcut to desktop and quick launch
- [] When finished, open Windows search bar and type PATH
- [] In the window, click on Environment Variables
- [] In the new window, select the row for Path and click Edit
- [] In the new window, select New
- [] Enter this string in the empty row: C:\Program Files\R\R-4.1.2\bin\x64
- [] Open Windows search bar and type CMD
- [] Select Pin to taskbar
- [] Open Command prompt (Terminal)
- [] At the prompt, type R
- [] To get out of R, type q() + n
- [] To test the R GUI, open the desktop shortcut
- [] You can now shut down all open windows

1.2. Install Emacs

- [] Download Installer from here: <https://vigou3.gitlab.io/emacs-modified-windows/>
- [] Run installer (double-click)
- [] Accept all standard settings
- [] Add shortcut to desktop and quick launch
- [] When finished, open Windows search bar and type PATH
- [] In the window, click on Environment Variables
- [] In the new window, select the row for Path and click Edit
- [] In the new window, select New

- [] Enter this string in the empty row: `C:\Program Files\Emacs\x86_64\bin`
- [] Open Command prompt (Terminal)
- [] At the prompt, type `emacs -nw`
- [] In Emacs, type `M-x R RET`
- [] R should open inside Emacs. You can shut Emacs now.
- [] To open Emacs from the desktop, double-click on the shortcut
- [] In Emacs, type `M-x R RET`
- [] R should open inside Emacs. You can shut Emacs now.

1.3. Install gcc

- [] Download the installer from <https://sourceforge.net/projects/mingw-w64/files/Toolchains%20targetting%20Win32/Personal%20Builds/mingw-builds/installer/mingw-w64-install.exe>
- [] Run the installer - accept all standard settings
- [] When finished, open Windows search bar and type `PATH`
- [] In the window, click on `Environment Variables`
- [] In the new window, select the row for `Path` and click `Edit`
- [] In the new window, select `New`
- [] Enter this string in the empty row: `c:/Program Files (x86)/mingw-w64/i686-8.1.0-posix-dwarf-rt_v6-rev0/mingw32/bin/gcc.exe`
- [] Open Command prompt
- [] At the prompt, type `gcc --version`
- [] Open Emacs and type `M-x eshell`
- [] At the prompt, type `gcc --version`
- [] You can shut Emacs now.

1.4. Install sqlite

- [] Download ZIP file from here: <https://www.sqlite.org/2022/sqlite-tools-win32-x86-3370200.zip>
- [] Extract ZIP file to `Program Files (x86)`
- [] When finished, open Windows search bar and type `PATH`
- [] In the window, click on `Environment Variables`
- [] In the new window, select the row for `Path` and click `Edit`

- [] In the new window, select New
- [] Enter this string in the empty row: C:\Program Files (x86)\sqlite-tools-win32-x86-3360000
- [] Open Command prompt (Terminal)
- [] At the prompt, type `sqlite3`
- [] To get out of sqlite, type `.q` RET