

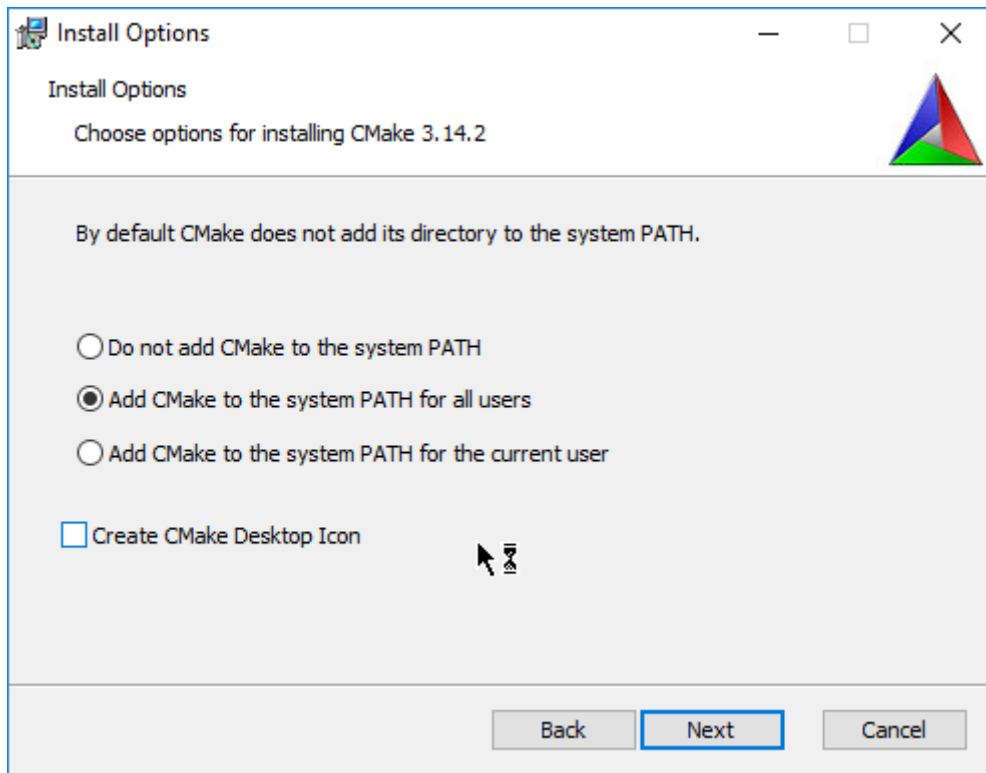
# Prerequisites

- Git
- CMake
- MinGW-w64

To install Git go to <https://git-scm.com/download/win>

To install CMake go to <https://github.com/Kitware/CMake/releases/download/v3.14.2/cmake-3.14.2-win64-x64.msi>

Make sure to add CMake to the system PATH.



To install the MinGW-w64 Compiler go to <https://nuwen.net/files/mingw/mingw-16.1-without-git.exe>

It is assumed that the compiler is installed in the C:\nuwen directory. Regardless you can use any other path.

## Cloning the repository

Open the git bash shell.

Use

```
git clone https://github.com/CppPhil/ISP1.git --recursive
```

to clone the repository.

The --recursive flag is important!

This will take a few minutes!

# Building

Open cmd.exe (Windows key + R (enter cmd.exe))

Execute

```
C:\nuwen\MinGW\set_distro_paths.bat
```

Then execute

```
cd C:\Users\Phil\Desktop\ISP1
```

(possibly adjust the path depending on where you cloned the repository to)

The application can then be built using

```
build.bat Debug
```

or

```
build.bat Release
```

The executable will be placed in the build subdirectory.

To build and run at once

```
buildAndRun.bat Debug
```

or

```
buildAndRun.bat Release
```

can be used.