

# Windows System Setup

## Table of contents

1 Introduction.....	2
2 MinGW.....	2
3 QT.....	2
4 CMake.....	2
5 ITK.....	2
6 Coin.....	3

## 1. Introduction

At the moment we are trying to get imedgine to run on windows, here is what works so far:

## 2. MinGW

To install MinGW go to [Sourceforge download page](#), download one of their predefined packages and install GCC and Make

Download and install MSYS-1.0.10.exe from [here](#) or from the link above.

Download and install msysDTK-1.0.1.exe from the same page.

Add your MinGW bin directory to the path variables.

## 3. QT

Download QT from [Trolltech](#) and extract it to its final directory. You can remove the demos and examples directory if you want.

Open the cmd, change to your qt directory and execute

```
configure.exe
```

After that you have to run

```
mingw32-make
```

Further reading on QT4 installation on Windows is [here](#).

## 4. CMake

Get the binary and install it.

## 5. ITK

Download ITK from [here](#), extract it, move it to desired directory.

Open CMake, select MSYS as make environment, select the source and the build path, run configure once.

Switch BUID\_TESTING and BUILD\_EXAMPLES to off to save time and hard drive space.

Open the MSys Console (cmd won't work!). Execute

```
cd /c/Your/Path/
```

and run make and make install.

## 6. Coin

To install coin run MSYS, change to the directory and run configure, after that run make

Linking fails with the following error message:

```
c:/programme/mingw/mingw32/bin/ld.exe -r -o .libs/libCoin.la-5.o
.libs/libCoin.lax/libvrm197.a/VisibilitySensor.o
.libs/libCoin.lax/libvrm197.a/WorldInfo.o .libs/libCoin.la-4.o
g++ -shared -nostdlib
c:/programme/mingw/bin/./lib/gcc/mingw32/3.4.2/./././././dllcrt2.o
c:/programme/mingw/bin/./lib/gcc/mingw32/3.4.2/crtbegin.o
.libs/libCoin.la-5.o -lopengl32 -lwinmm -luser32 -lgdi32
-Lc:/programme/mingw/bin/./lib/gcc/mingw32/3.4.2
-Lc:/programme/mingw/bin/./lib/gcc
-Lc:/programme/mingw/bin/./lib/gcc/mingw32/3.4.2/././././././mingw32/lib
-Lc:/programme/mingw/bin/./lib/gcc/mingw32/3.4.2/./././././ -lstdc++
-lmingw32 -lgcc -lmoldname -lmingwex -lmsvcrt -luser32 -lkernel32
-ladvapi32 -lshell32 -lmingw32 -lgcc -lmoldname -lmingwex -lmsvcrt
c:/programme/mingw/bin/./lib/gcc/mingw32/3.4.2/crtend.o -o
.libs/libCoin-40.dll -Wl,--enable-auto-image-base -Xlinker --out-implib
-Xlinker .libs/libCoin.dll.a
collect2: ld returned 253 exit status
make[3]: *** [libCoin.la] Error 1
make[3]: Leaving directory `c:/Programme/Coin-2.4.5/src'
make[2]: *** [all-recursive] Error 1
make[2]: Leaving directory `c:/Programme/Coin-2.4.5/src'
make[1]: *** [all-recursive] Error 1
make[1]: Leaving directory `c:/Programme/Coin-2.4.5'
make: *** [all] Error 2
```