This installation guide is for StochKit2<version number>_WINDOWS.zip full Windows version. The Windows "lite" version of StochKit2 contains only precompiled executables (no installation required) but has limited functionality (no custom propensities or events).

To install the full Windows version of StochKit2:

You must install Visual Studio (version 2008 or later) on your computer to run StochKit. You can skip step 1 if you already have it installed.

1. Install Visual Studio (Microsoft Visual C++ 2010 Express)
   NOTE: these instructions are intended as a guide. Specific details may be omitted or changed or may vary depending on your machine and OS version.
Go to http://www.microsoft.com/visualstudio/en-us/products/2010-editions/visual-cpp-express
Under download, select your language and click install now. When asked to save or run, choose run.
   In the 'installation options' page, the optional products are not necessary for StochKit so you can leave those boxes unchecked if you want.

2. Download StochKit2
- Download, save, and unzip StochKit2<version>_WINDOWS.zip to your desired location. Note the location of the unzipped folder.

3. Convert StochKit to match your version of Visual Studio
- [If you have Visual Studio Professional, you may skip this step and proceed to step 4 below]
- Open the StochKit2<version>_WINDOWS folder
- Double click 'StochKit.sln' or right click the icon and open with Visual Studio, which will load StochKit into Visual Studio. Visual Studio will convert the StochKit project to your version. After the project is converted, close Visual Studio.
- Open Mixed_Compiled_Solution\Mixed_Compiled_Solution.sln in Visual Studio by double-clicking to convert to your Visual Studio version. After the project is converted, close Visual Studio.

4. Build StochKit
- Open the Visual Studio Command Prompt (Start->All Programs->Microsoft Visual Studio 2010 Express->Visual Studio Command Prompt (2010)).
- Run Installation.bat (you can just drag the file into the Visual Studio Command Prompt and click enter or 'cd' to the StochKit directory and type 'Installation.bat' and enter).
- Wait while StochKit is installed.

If everything built correctly, StochKit2 is now installed and ready to use. The instructions for using StochKit can be found in the StochKit2_manual. You can try running test.bat to run some example simulations. From the Visual Studio Command Prompt, just "cd" to the path to your StochKit folder and execute test.bat (or simply drag the test.bat icon into the Visual Studio Command Prompt and hit enter). test.bat will run several simulations. It will print messages to the screen. Review the messages for StochKit errors. Some compilers will generate warnings,

these compiler warnings are OK. If everything is installed correctly, you should not receive any StochKit errors.

You are now ready to use StochKit2! Consult StochKit2_manual.pdf for instructions on running your own simulations. (Remember Windows paths use a backslash "\" instead of forward slashes! Also, in Windows, paths with spaces must be surrounded in double quotes!)

Installation Troubleshooting

If you get a message saying that StochKit.sln cannot be converted because it cannot be modified, this can be caused by forgetting to unzip the StochKit2<version>_WINDOWS.zip file. Unzip the file and continue with the instructions using the unzipped directory.

After installation, ensure you are running StochKit in the Visual Studio Command Prompt (not cmd.exe).

For other installation problems, please email the StochKit team at stochkit@cs.ucsb.edu. Provide the error message you received, the operating system and version of StochKit you are using.