



## **Detailed Windows Installation Instructions for Immunity CANVAS**

*Updated on September 2<sup>nd</sup> 2009*

## Introduction

This document details how to install Immunity CANVAS 6.XX on Windows XP computers. Those familiar with installing programs on Unix or Linux architectures are already aware of dependencies. CANVAS on Windows is no exception, several free programs are required to be installed before CANVAS will work. Once installed the user interface will function exactly like it does in Windows.

## Disclaimer

Immunity recommends for customers who are tied to the Windows XP platform install a virtualization solution and create an Ubuntu virtual machine. In this way CANVAS can run in its native environment while within a Windows machine and enterprise policy can still be observed by the end user.

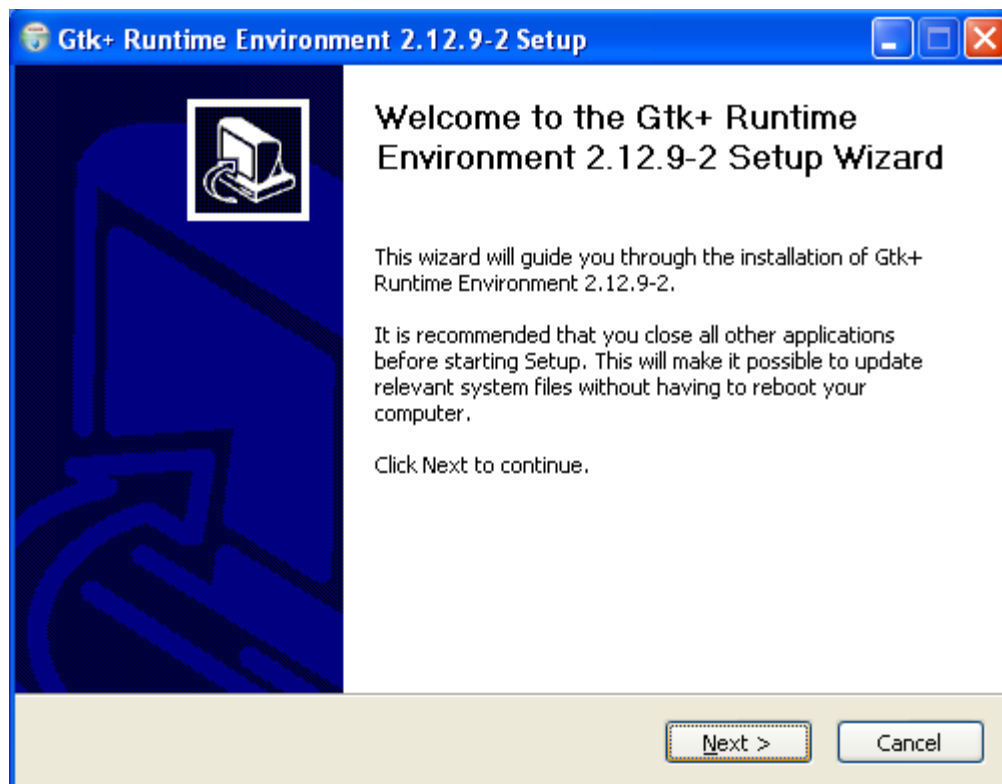
Because CANVAS does not ship a kernel driver for Windows it is constrained by the limitations of the Windows networking stack. Specifically this limits the number of half open TCP connections so actions which require portscanning will take significantly longer. Attacks that impersonate an SMB server will also not function due to restrictions for impersonating this service on Windows.

## Installing Python

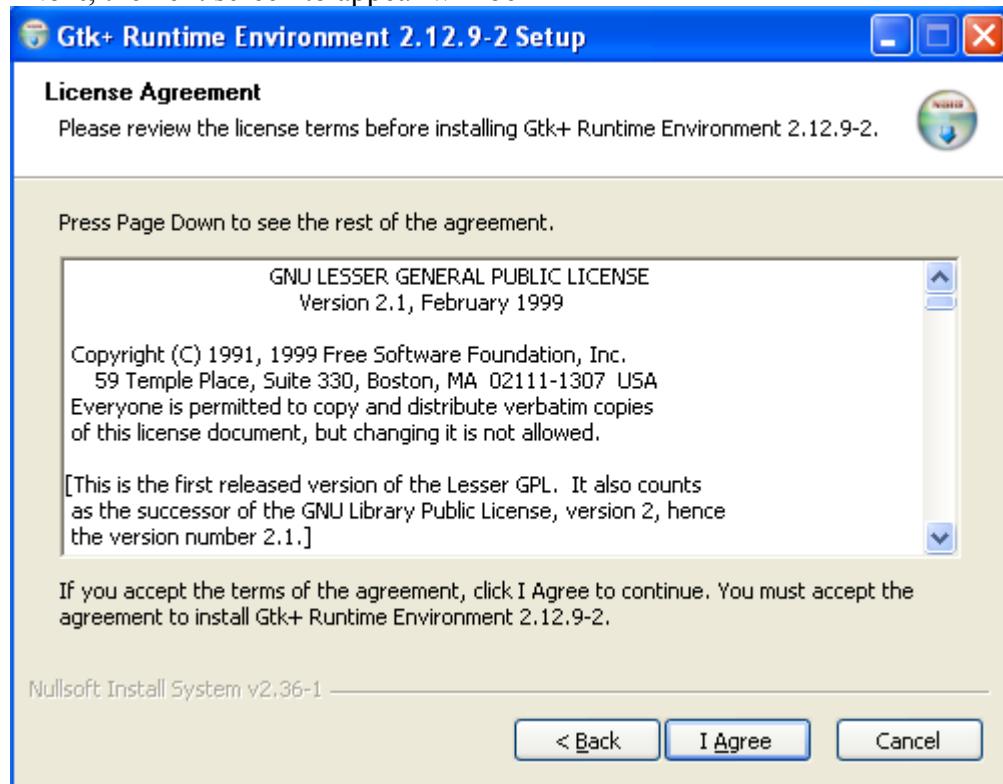
Download the dependencies package from [http://www.immunityinc.com/downloads/CANVAS\\_Win32\\_Deps\\_03\\_09.zip](http://www.immunityinc.com/downloads/CANVAS_Win32_Deps_03_09.zip), inside you will find python-2.6.1.msi, simply double click to install it. Ensure you choose to install the package for all users.

## Installing GTK+

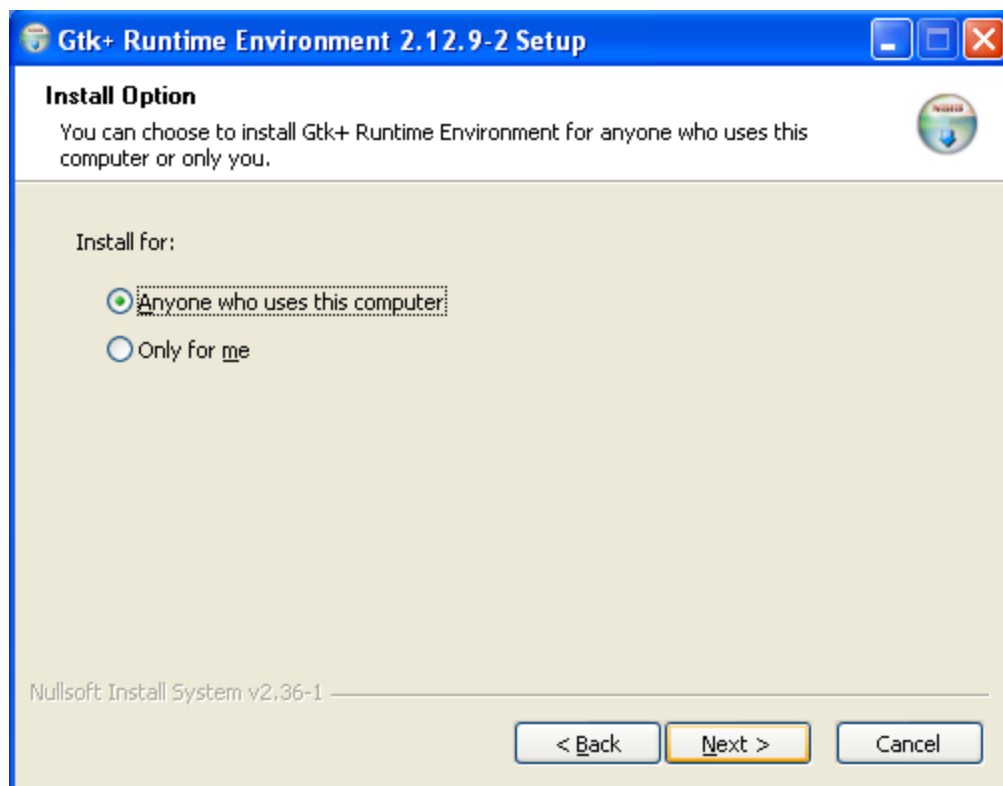
Inside the dependencies package is a file called gtk-2.12.9-win32-2.exe, double click this file to begin the installation of GTK+. You'll be presented with the following screen:



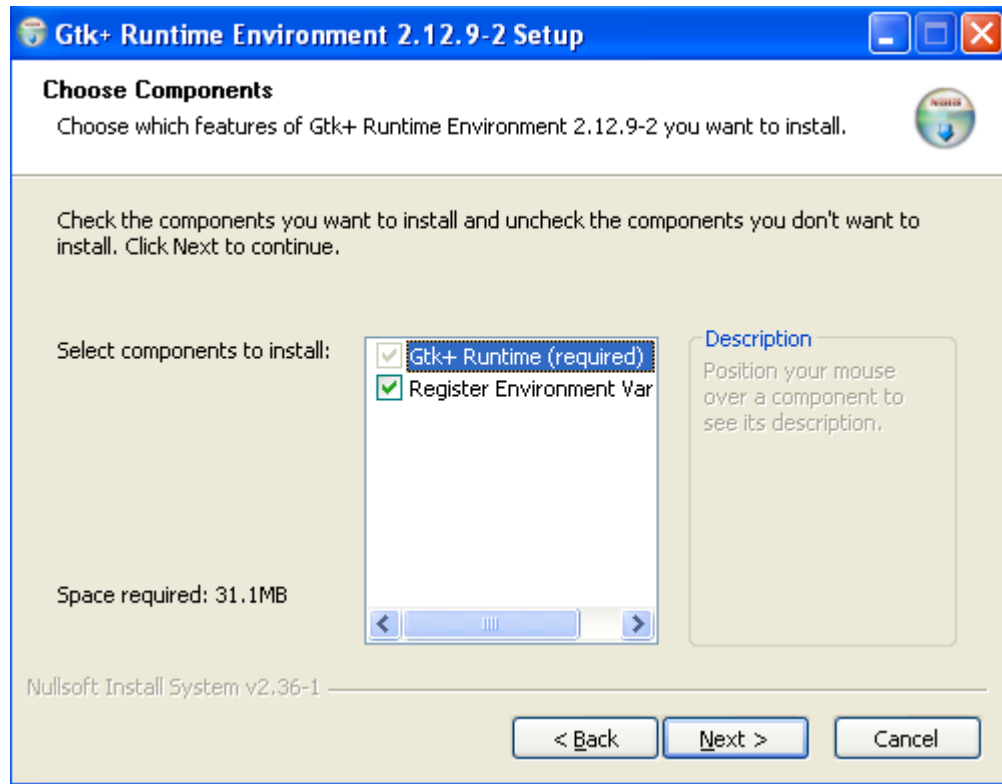
Click Next, the next screen to appear will be



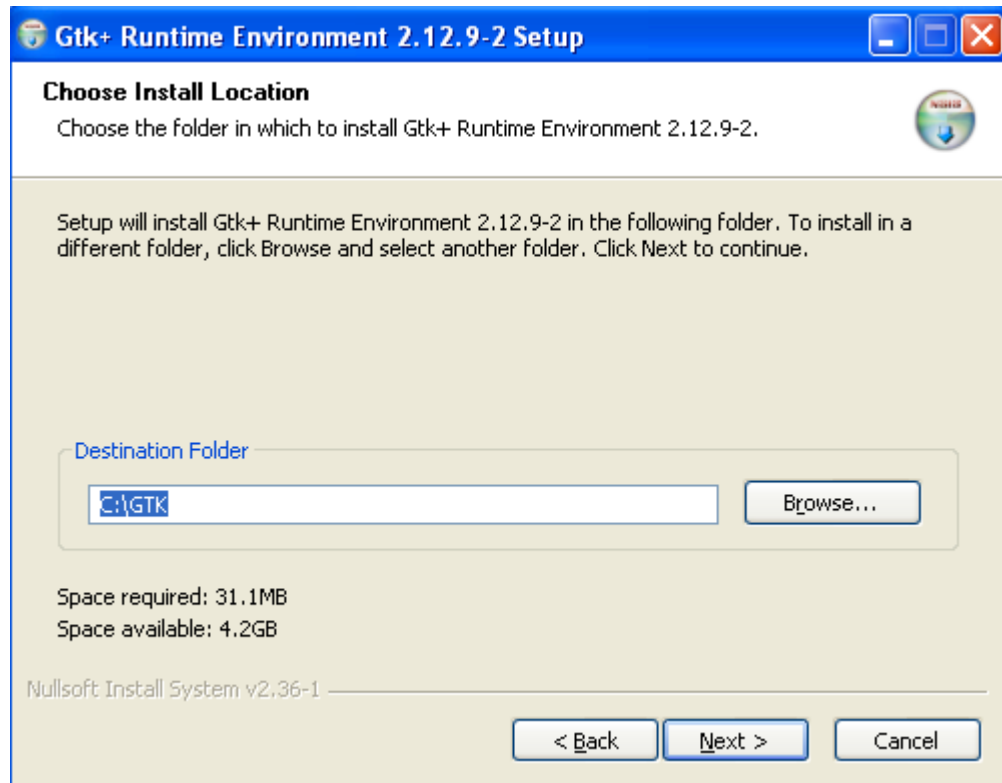
Click on I Agree, you must accept the terms of the license to continue to the next screen which will be



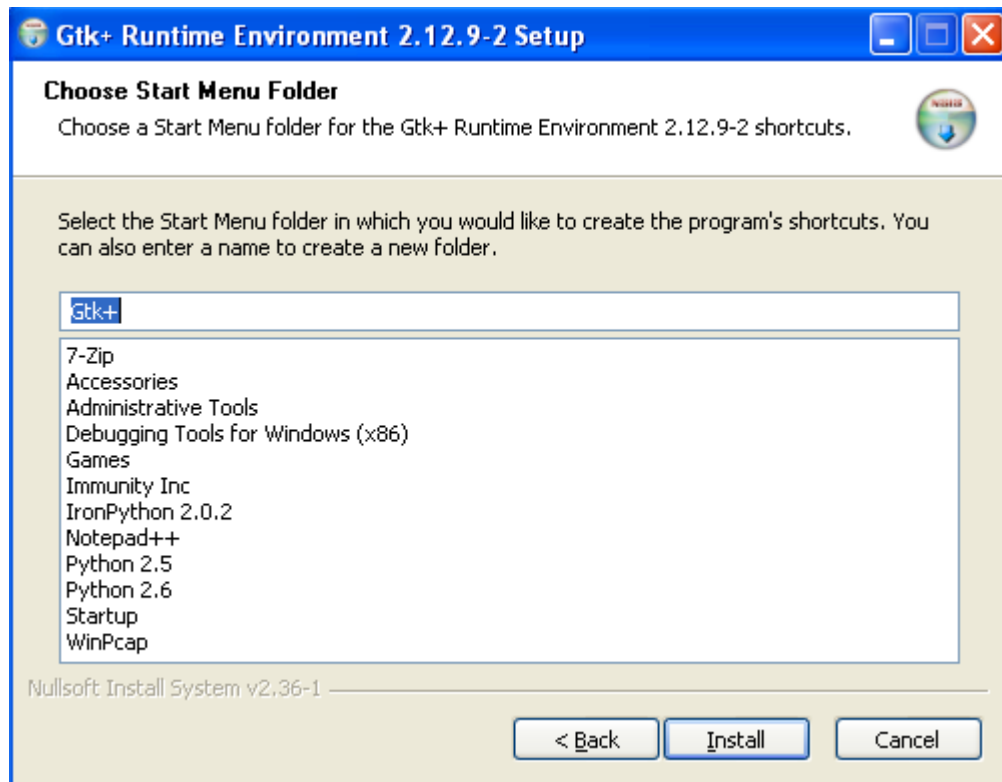
Choose *Anyone who Uses This Computer* then click **Next** to be presented with the following screen



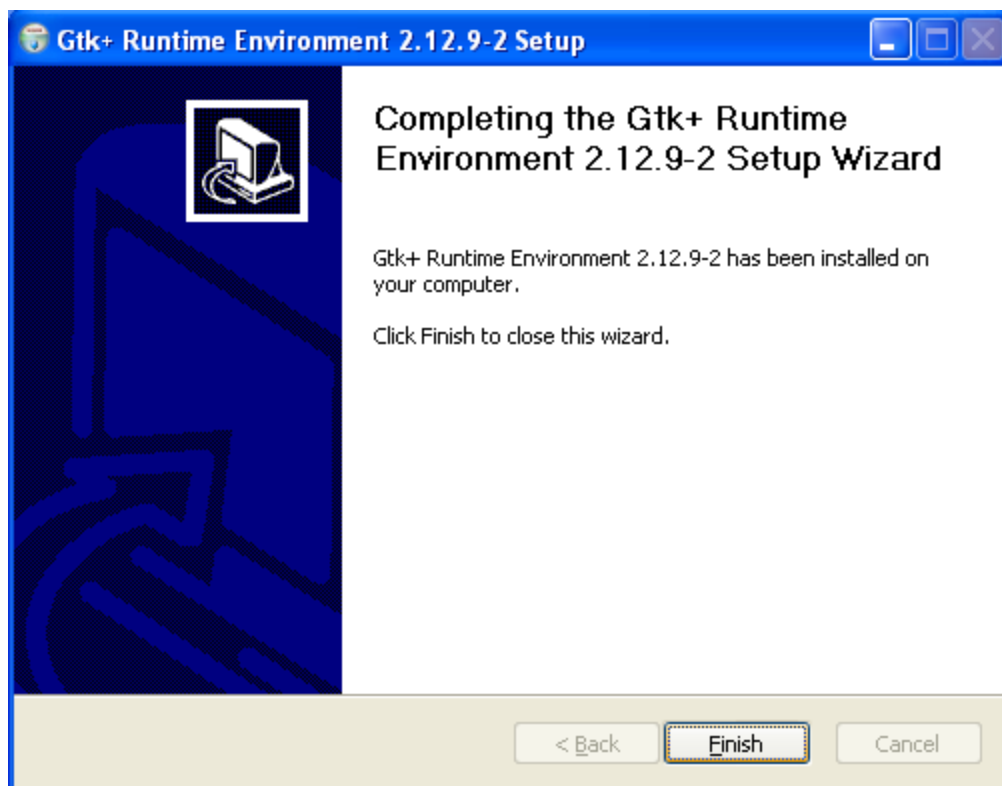
Accept the defaults and click **Next**



Again accept the default values and click **Next**



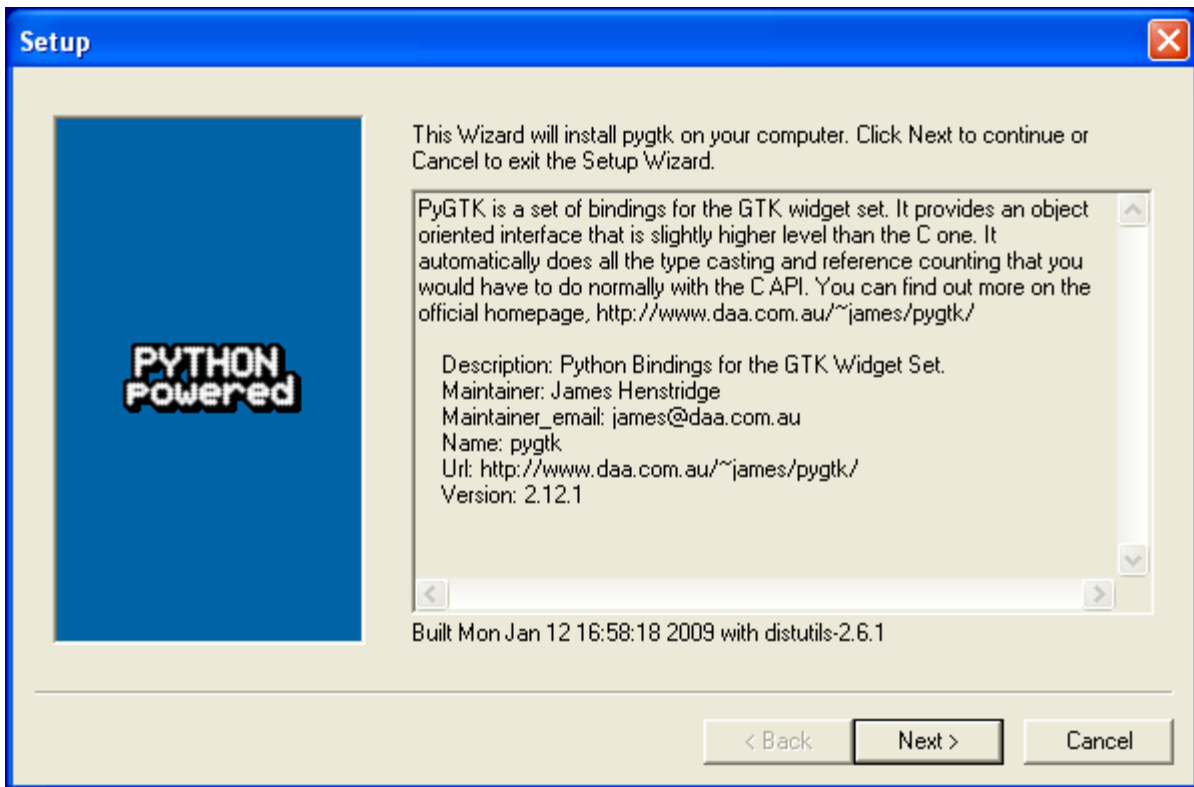
Accept the defaults and click on **Install** to begin the installation.



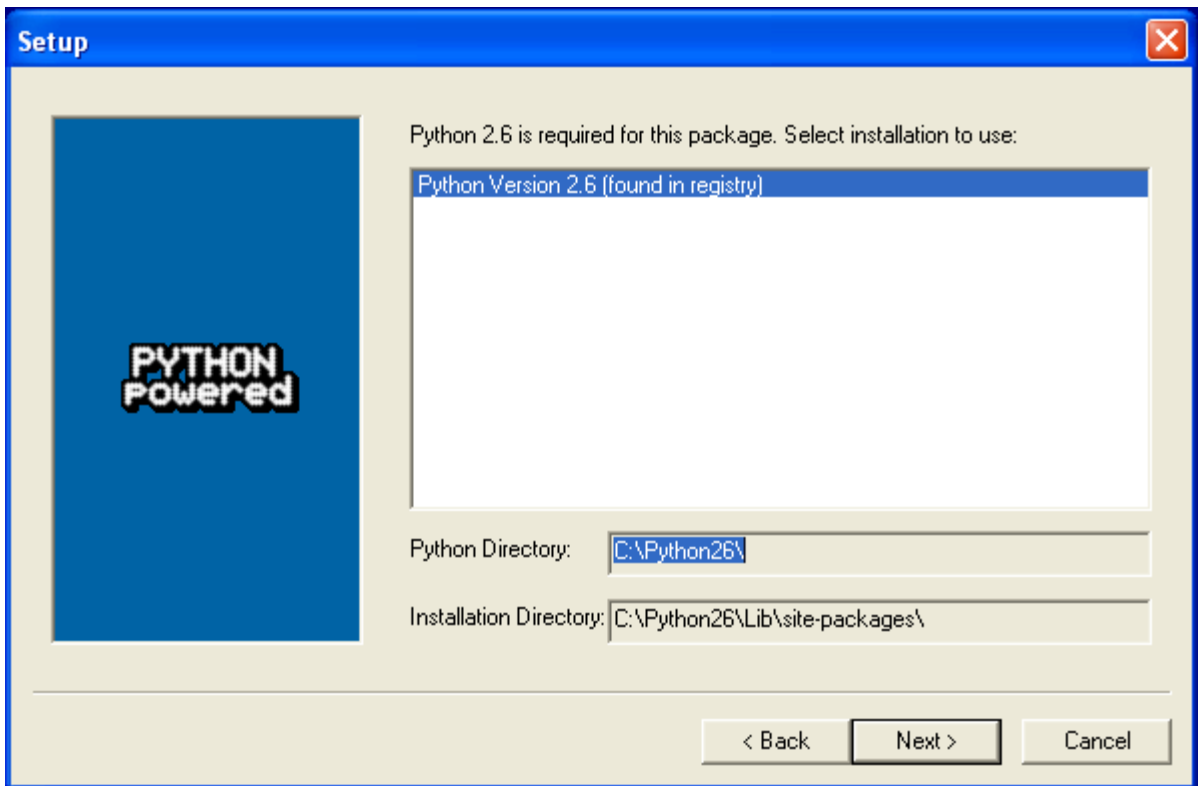
If successful the following screen should appear above. Click **Finish**

## Installing PyGTK

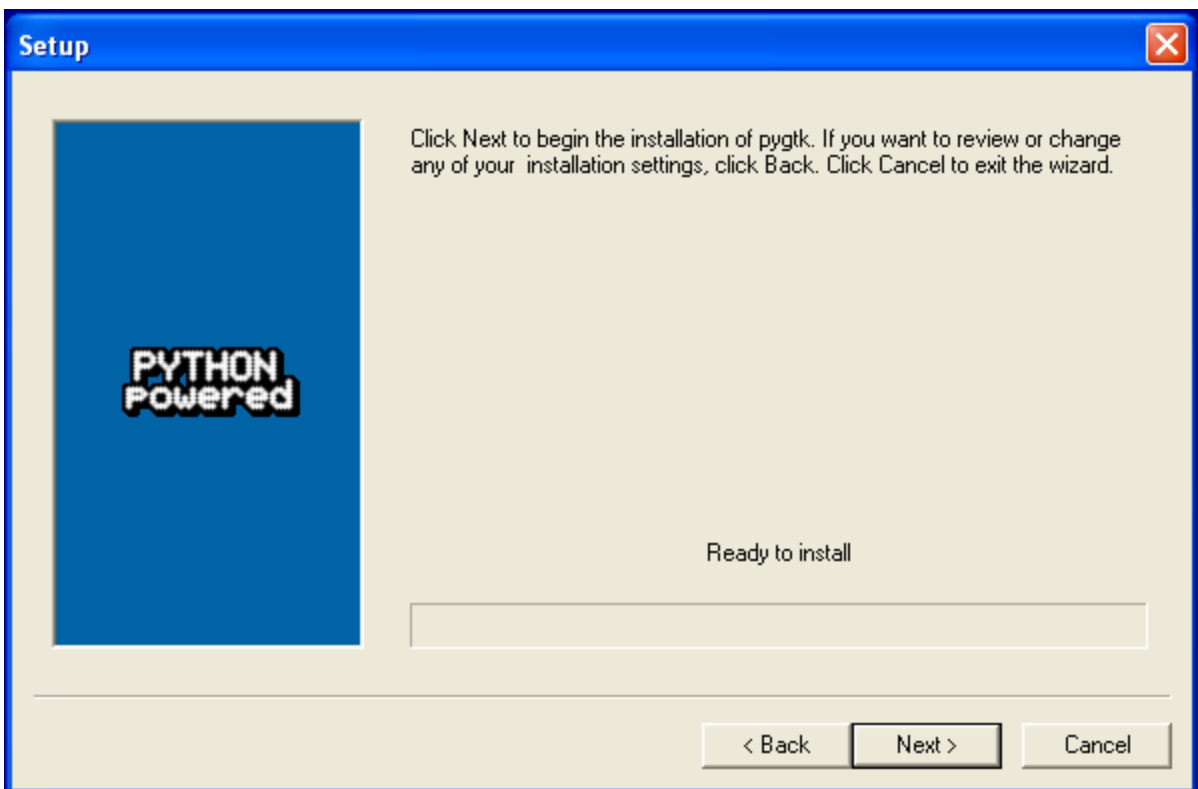
This binding allows CANVAS to natively use Python and GTK to create the GUI. Within the dependencies archive is a file called pygtk-2.12.1-3.win32-py2.6.exe simply double click to begin installation and you'll be presented the the following screen:



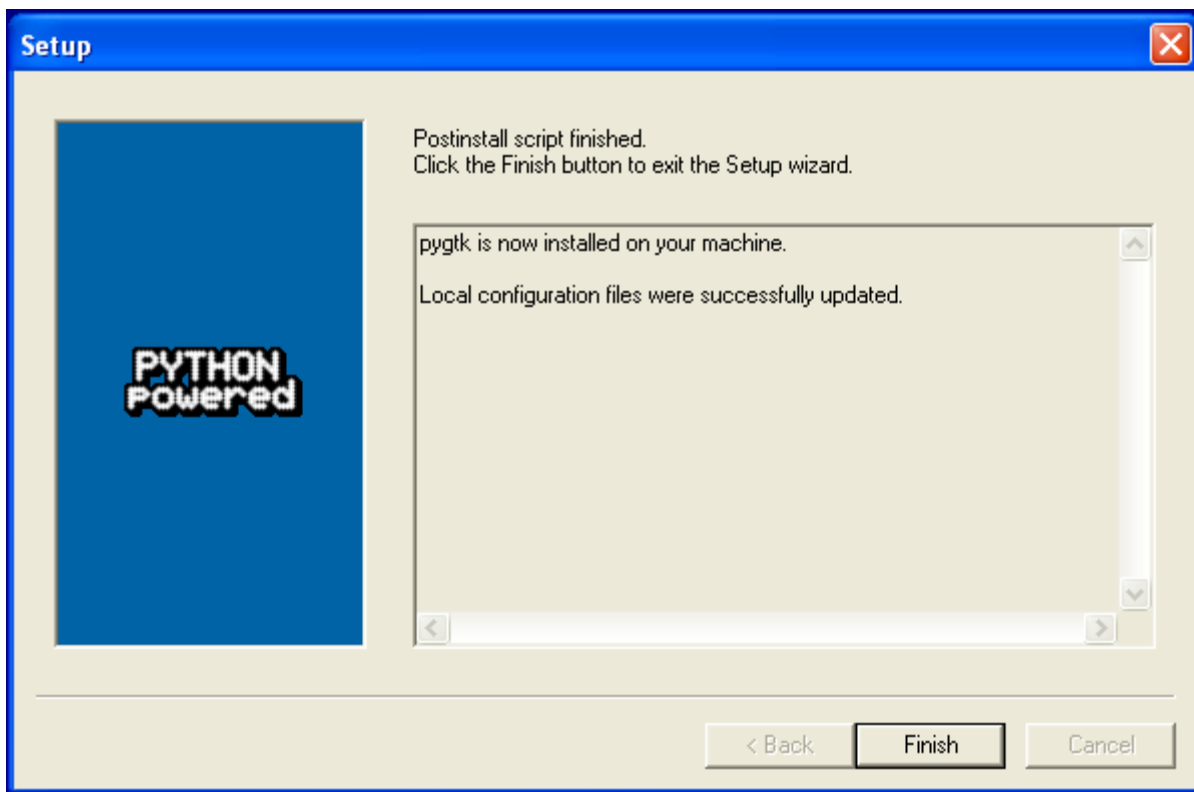
**Click Next** to continue



This screen acknowledges that Python 2.6 is installed on the system **click Next** to continue



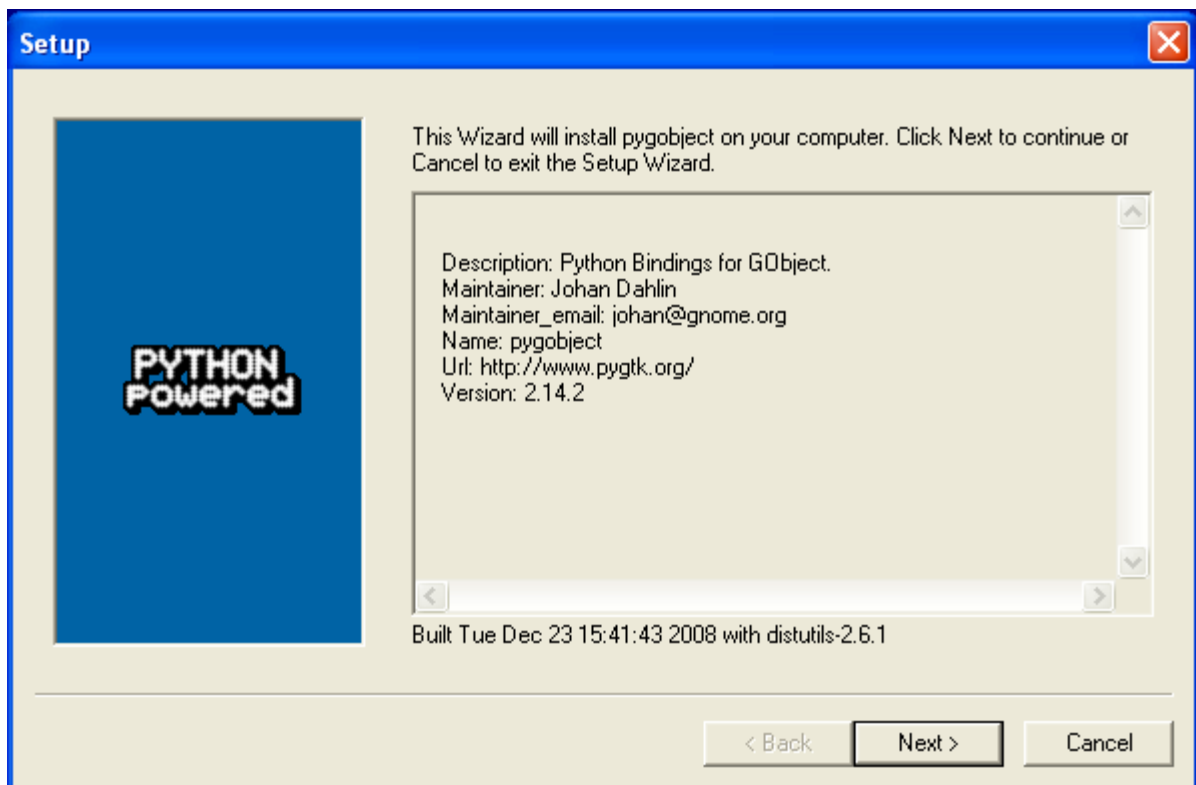
There are no options when installing this package, simply **click Next** to begin



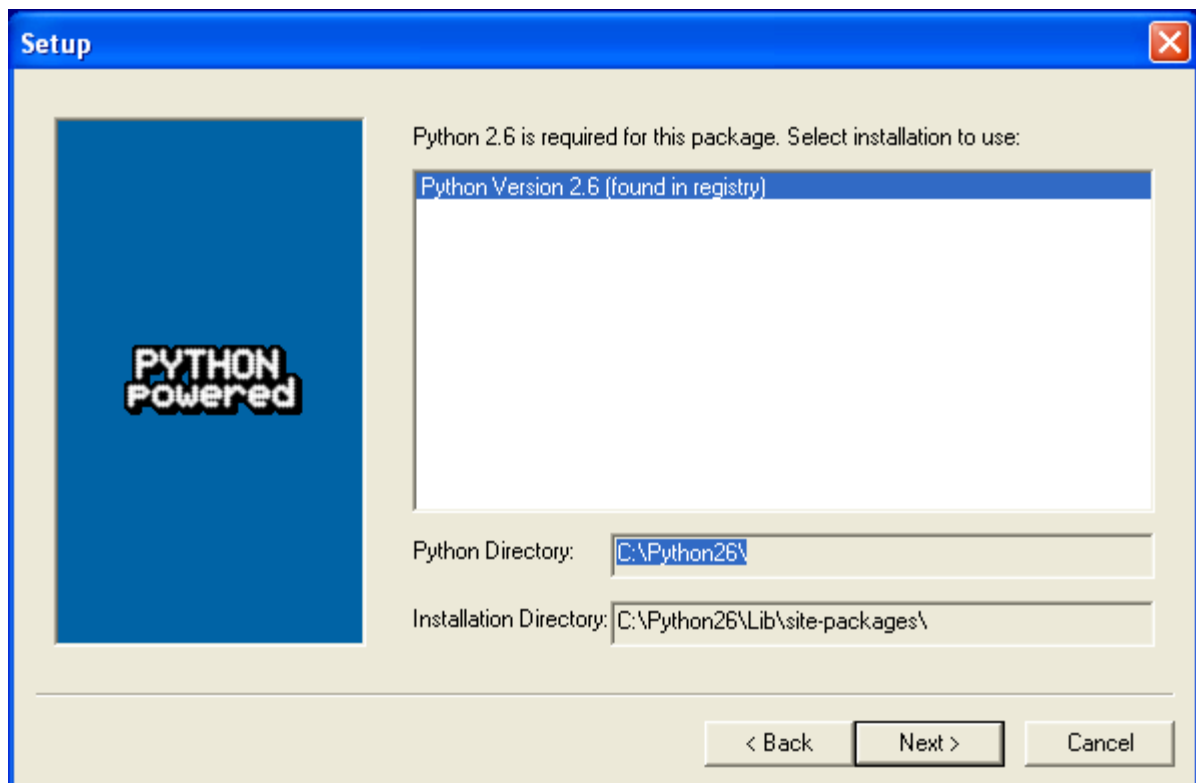
If the installation is successful you will be presented with this screen.

### **Installing PyGObject**

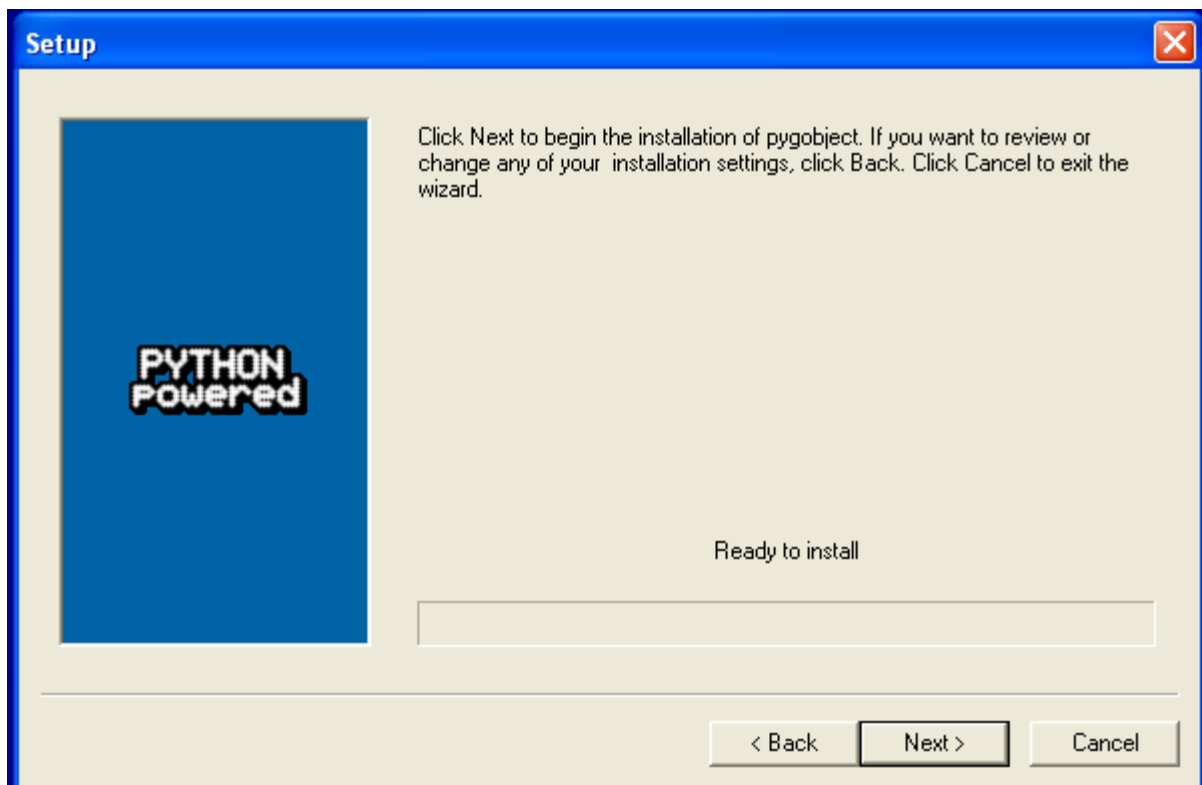
This is another dependency related to the CANVAS GUI, within the dependencies archive you will find a file called pygobject-2.14.2-2.win32-py2.6.exe, simply double click it to begin and you will be presented with the following screen.



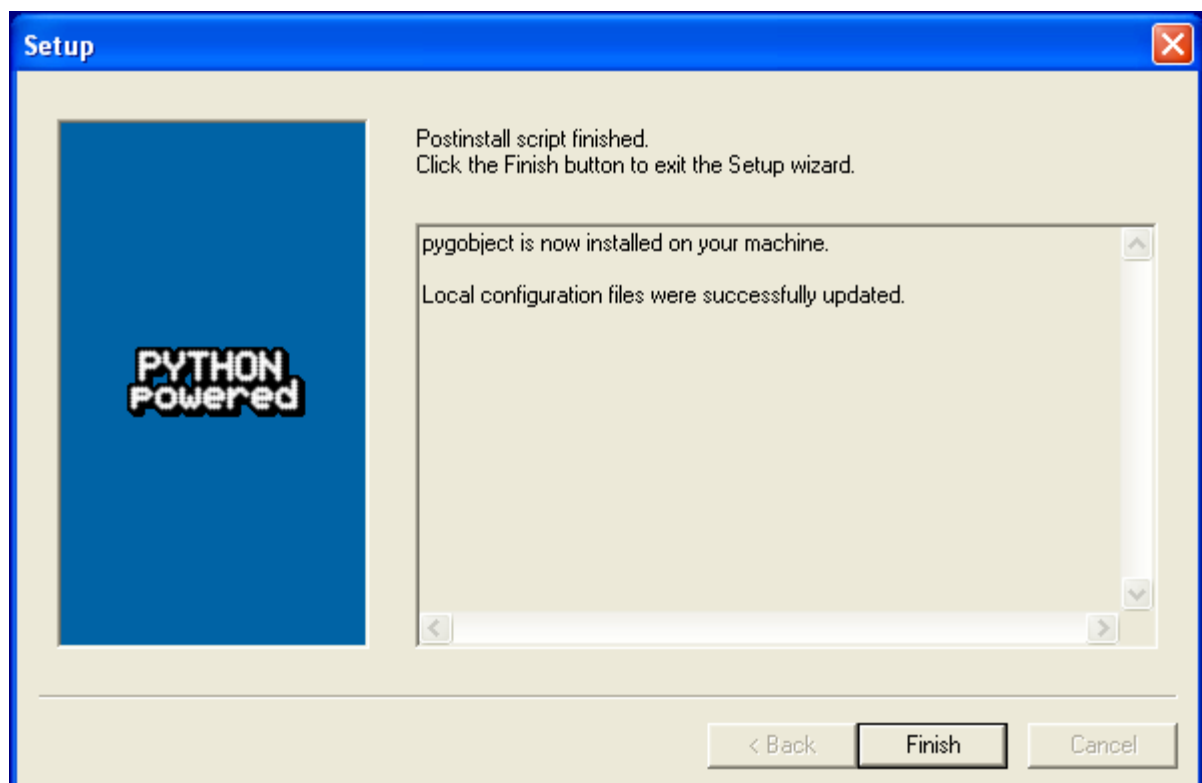
Click **Next** to continue



As previously this screen verifies that the appropriate version of Python is installed on the system, **click Next** to continue installation.



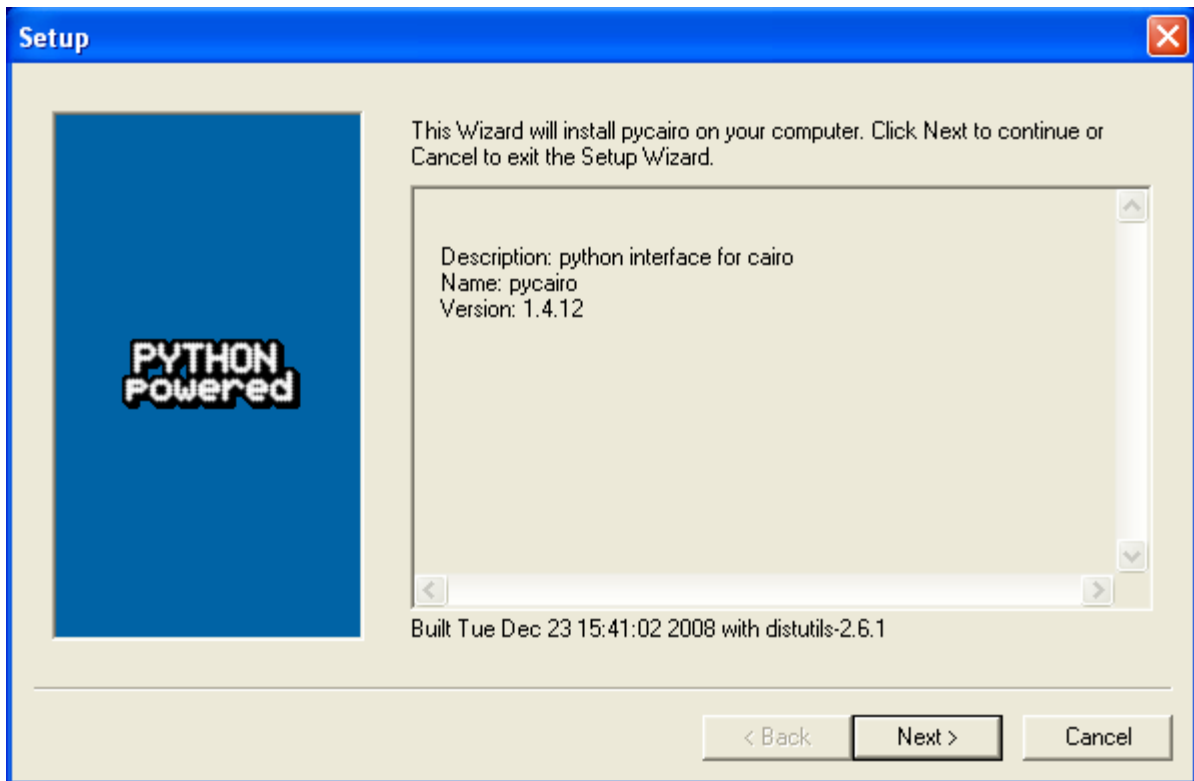
The installer takes no options, simply **click Next** to continue installation



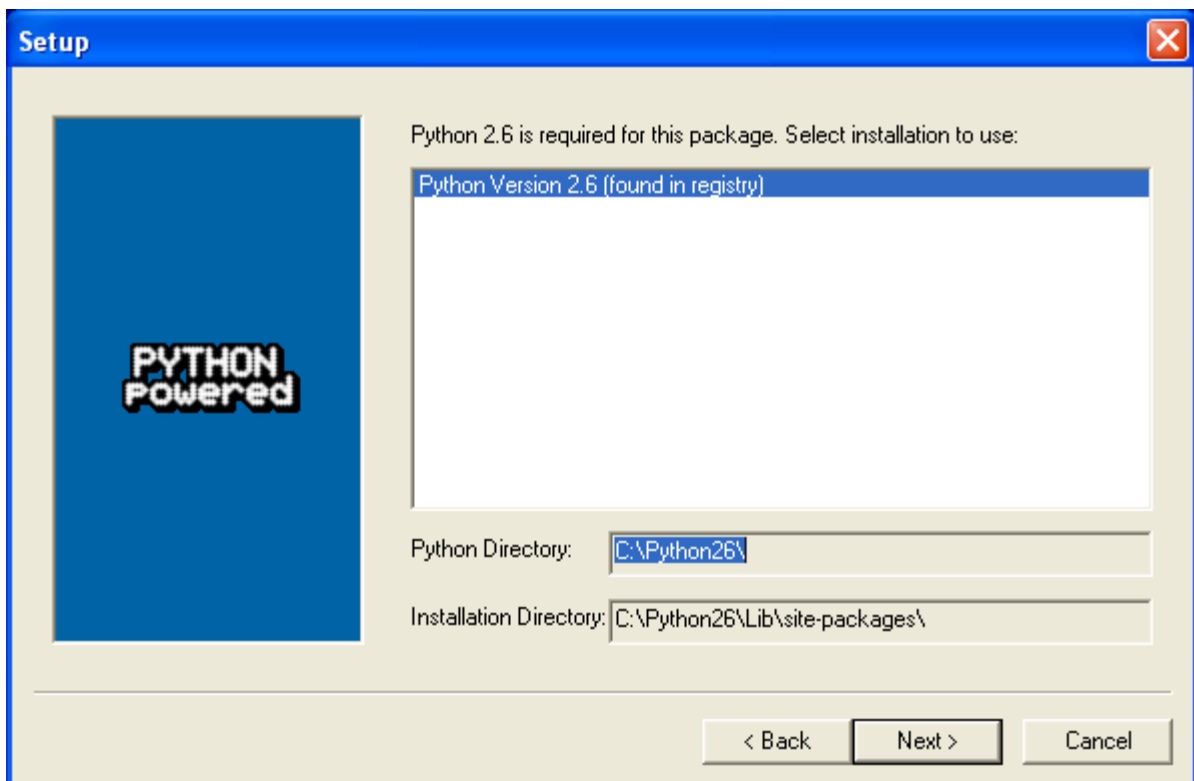
Upon successful installation you will be presented with this screen. **Click Finish** to complete the installation

## Installing PyCairo

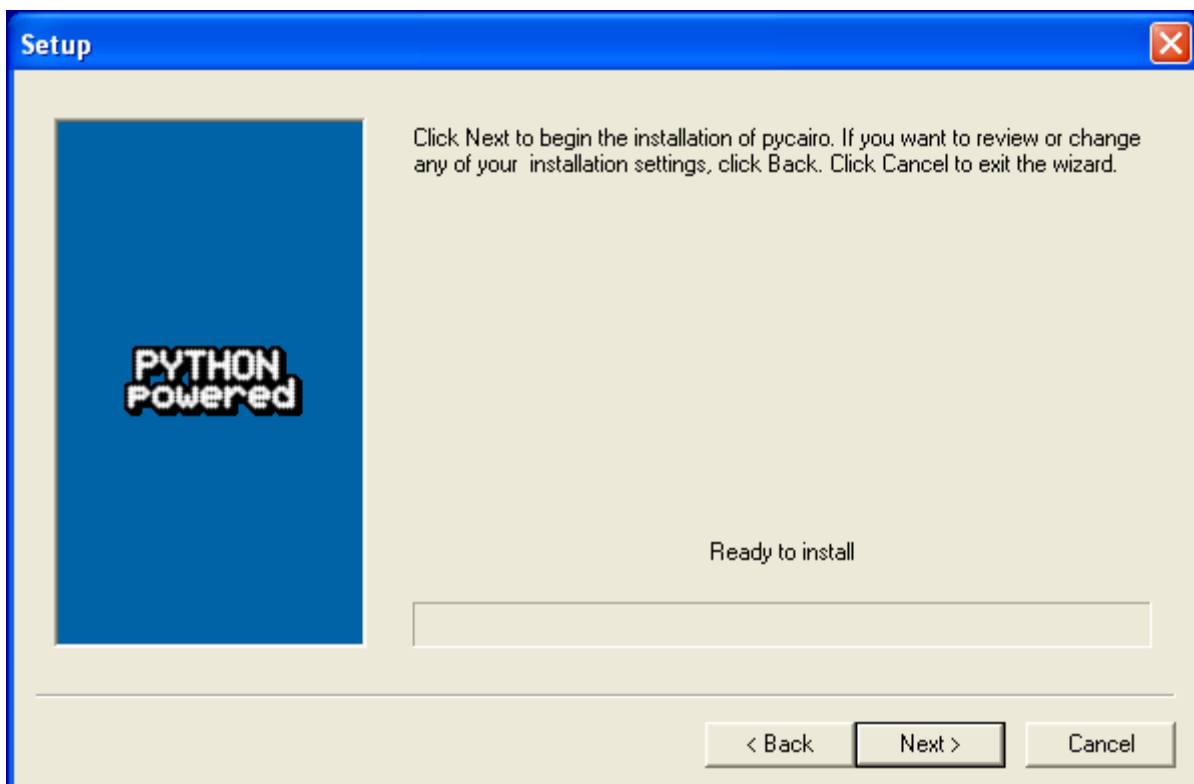
PyCairo is the final dependency component CANVAS must have in order to run. Inside the dependency archive you'll find a file called pygobject-2.14.2-2.win32-py2.6.exe, double clicking the file will spawn the following window.



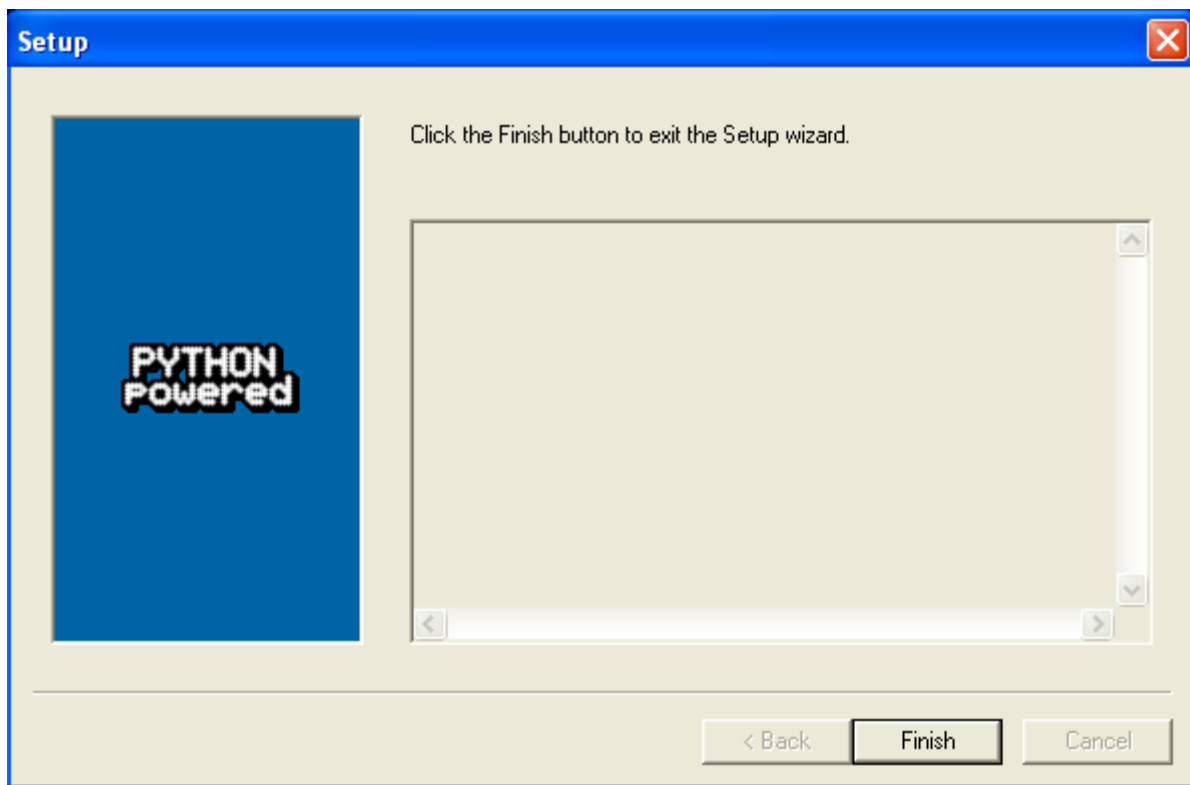
**Click Next** to continue the installation



In this step the installer is verifying the presence of the correct version of Python. **Click Next** to continue



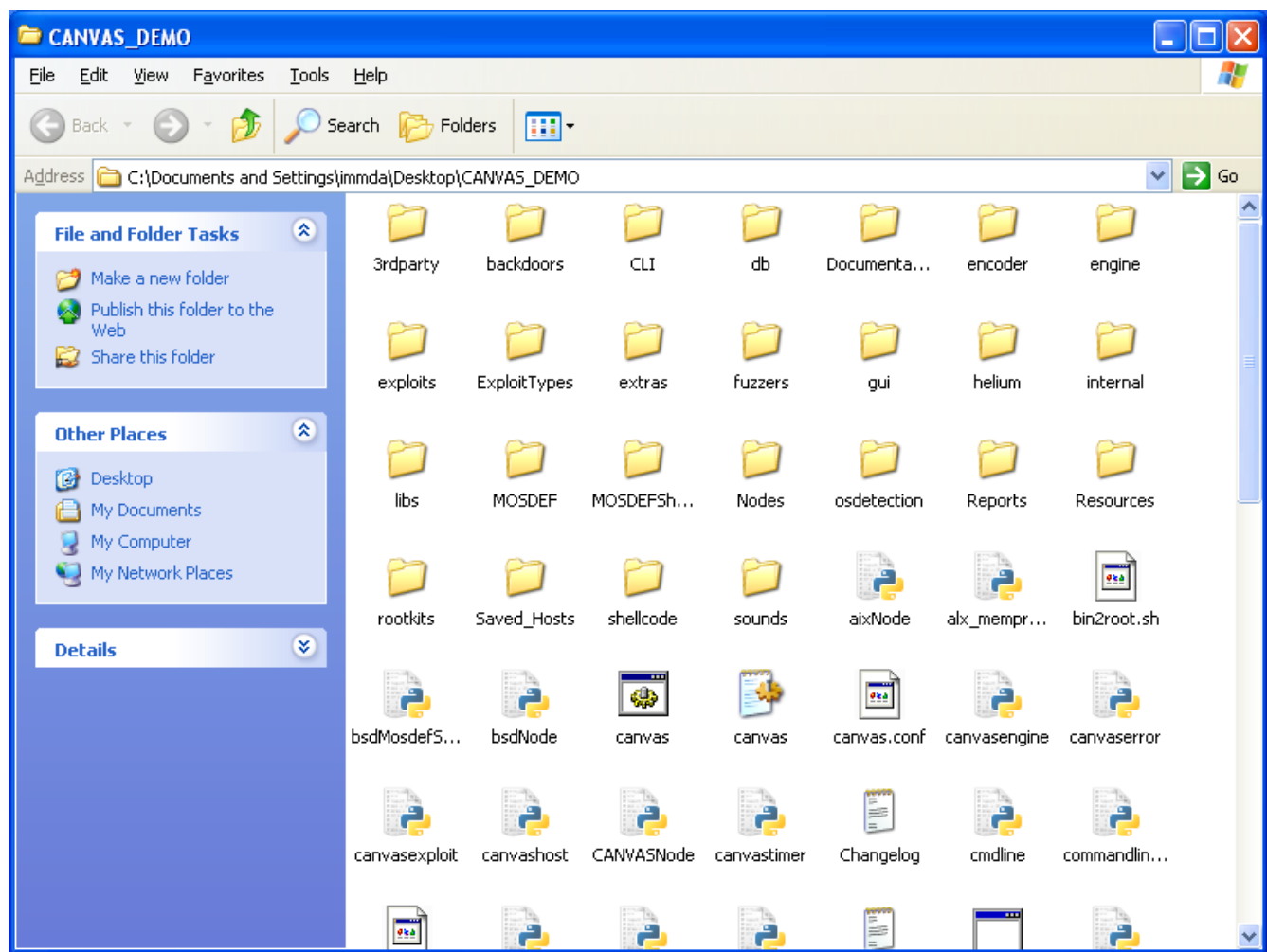
The installer takes no arguments, simply **Click Next** to proceed



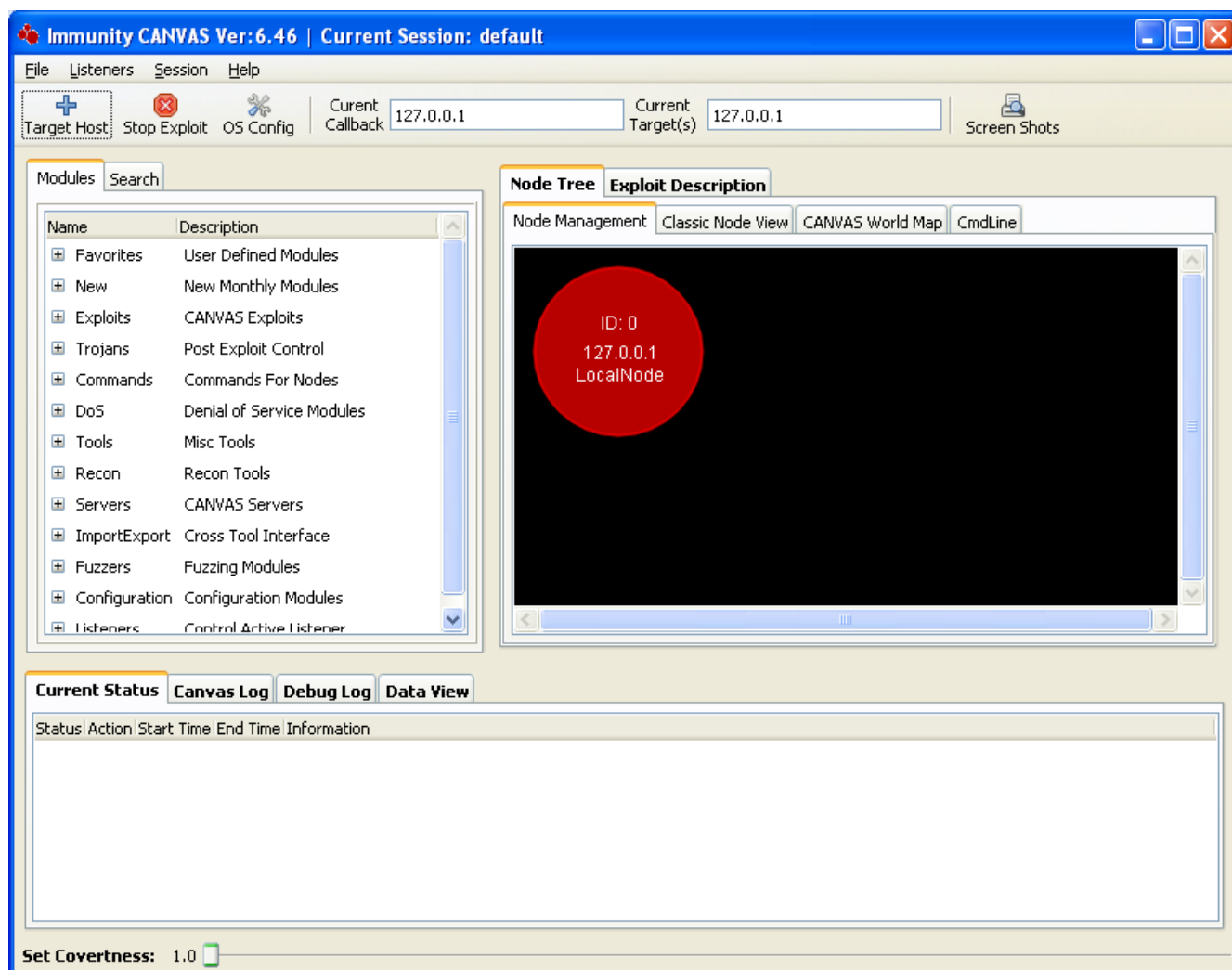
Upon successful completion of the installation you will be presented with this screen, **Click Finish** to complete.

### **Running CANVAS**

All the CANVAS dependencies are now installed and we're ready to run CANVAS for the first time! Extract the CANVAS directory from the archive you were provided, here I've put a CANVAS folder on my desktop.



The next step is to simply double click canvas.bat which will spawn the GUI



CANVAS is now ready to go!

## Questions?

You can contact support via email at [support@immunityinc.com](mailto:support@immunityinc.com) or call us 212 534 0857