Windows 7 Python Ogre Installation Manual

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1. Download Python

Get this file. Install it. If everything is fine, move on to step two.

2. Change the environmental variables so that you can 'python it up' from anywhere.

Open the start menu by clicking on the sexy blue circle in the task bar. Right click the button that says 'Computer'. Choose properties. The system information thing will open with a big ass windows logo and your crappy computer's specifications like your sissy processor and insufficient memory quantity. It looks like this.

Control Panel >	System and Security 🔸 System	✓ 4 Search Control Panel	٩
Control Panel Home	View basic information	about your computer	•
🚱 Device Manager	Windows edition		
🛞 Remote settings	Windows 7 Professional		
🚱 System protection	Copyright © 2009 Microso	ft Corporation. All rights reserved.	
Advanced system settings	Get more features with a n	ew edition of Windows 7	9
	System		
	Rating:	B.4 Windows Experience Index	
	Processor:	Intel(R) Core(TM)2 Duo CPU T7500 @ 2.20GHz 2.	20 GHz
	Installed memory (RAM):	3.00 GB	
	System type:	32-bit Operating System	
See also	Pen and Touch:	No Pen or Touch Input is available for this Display	
Action Center Windows Update	Computer name, domain, and	workgroup settings	
Performance Information and	Computer name:	Jeffrey-PC 😵 Ch	nange settings
Tools	Full computer name:	Jeffrey-PC	
	Computer description		

Click Advanced system settings on the left side to open the...advanced system settings. This will open the system properties menu with the 'Advanced' tab already selected. On the bottom, above the 'OK' and 'Cancel' buttons, is a button that says 'Environmental Variables...'. Click that. Hard. You will see this:

Variable	Value				
path	C:\BC45\BIN				
TEMP	%USERPROFILE%\AppData\Local\Temp				
TMP	%USERPROFILE%\AppData\Local\Temp				
	New Edit Delete				
ystem variables Variable	New Edit Delete				
ystem variables Variable CLASSRATH	New Edit Delete				
ystem variables Variable CLASSPATH ComSpec	Value Value C:\Windows\system32\cmd.exe				
ystem variables Variable CLASSPATH ComSpec FP NO HOST C	Value ,;C:\Program Files\Java\tre6\tib\ext\QT C:\Windows\system32\cmd.exe NO				
vstem variables Variable CLASSPATH ComSpec FP_NO_HOST_C KMP_DUPLICAT	Value ,;C:Program Files\Java\jre6\jib\ext\QT C:\Windows\system32\cmd.exe NO TRUE				

Click the variable called 'path' and click 'Edit...'. If there is already a value in there just add a semicolon at the end and then append your python path. It will probably be 'C:\Python26'. So my 'Variable value' changed from 'C:\BC45\BIN' to 'C:\BC45\BIN; C:\Python26'. See the image below for clarification.

dit User Variable	
Variable <u>n</u> ame:	path
Variable <u>v</u> alue:	C:\BC45\BIN;C:\Python26
	OK Cancel

Click 'OK' to save your changes. Then open a command prompt by pushing the windows key and 'r' at the same time to bring the 'Run' dialog up and typing 'cmd' into the one and only field. The scary black terminal will open. Type 'python' into the line and press return. If everything worked it will look like this:



Python will run. Everything is great. Time for step 3.

3. Install directX (again?)

Go<u>here</u>. Install directX. Even if you think you have it. What do you know anyway? Nothing. That's what.

4. Download Python-Ogre

Go <u>here</u>. Download both the core file and the demo files from the 1.6.4 snapshot folder. Save the files to a place you will be able to find them.

→ C A ktp://sourceforge.n	et/project	ts/pyth	non-ogre	e/files/			6-
III 1.7.SVN SnapSnot - UNSTABLE		52.6 MB	2009- 11-21	1,061	2	N	
▼🤄 1.6.4 SnapShot		85.6 MB	2009- 10-29	3,648	2		
Python-Ogre-Core-1.6.4-r1017- py263.7z	🛆 ć 🗐	20.8 MB	2009- 10-29	2,514			
Python-Ogre-Demos-r1011.7z Demo and Media (r1011) - requires Core	others	64.8 MB	2009- 10-18	1,134			
					_		

The files are of type 7z which is a compressed file. You will need either 7-zip or Winrar to decompress these files.

First, decompress the 'Core' file. Put it in a nice and easy to find folder like '<u>C:\python-ogre</u>'. Then decompress the 'Demos' file. Put it into the same directory. Mine looks like this:

rganize 🔻 🛛 Incl	ude in	library	New folder	== -	2
Favorites	-	Name	Date modified	Туре	3
E Desktop		🔒 build	2/11/2010 10:11 AM	File folder	
Downloads		Demos	2/11/2010 10:17 AM	File folder	
🔒 iTunes		packages_2.6	2/11/2010 9:59 AM	File folder	
Jeffrey		퉬 plugins	2/11/2010 9:59 AM	File folder	
🐌 cc	E	🌗 ThirdParty	2/11/2010 9:59 AM	File folder	
퉬 spring		퉬 Tools	2/11/2010 9:59 AM	File folder	
🔰 rt		ChangeLog.txt	10/29/2009 10:21	Text Document	
			10/29/2009 10:14	File	
Desktop		🖆 installWarning.rtf	10/29/2009 10:14	Rich Text Docume	
詞 Libraries		📄 license.gpl	10/29/2009 10:14	GPL File	
Documents		🖆 postinstall.rtf	10/29/2009 10:14	Rich Text Docume	
J Music		ReportVersion.py	10/29/2009 10:14	Python File	
Pictures		netup.py	10/29/2009 10:14	Python File	
Videos					
🜏 Homegroup	-	4			

If yours looks like this, you are mere seconds away from Python-Ogre bliss.

5. Install python-ogre

Open another command prompt using the windows+'r' key combo then entering 'cmd' into the field. Then using the 'cd' command navigate to the directory where python ogre is now chilling. The python ogre people were awesome enough to make a script that handles everything for us so all we have to do is run it. To do this type 'python setup.py install' into the command line after you have navigated to the appropriate directory. See the image below for clarification.



Push 'enter' and hopefully it will do a bunch of stuff that indicates everything is fine.

6. Test it

Open another command prompt. Navigate to the python ogre 'Demos\ogre' directory. Type 'python Demo_Basic.py' into the terminal and press enter. If all is well the demo should load and right before your eyes a green ninja should appear. Believe it!

