## How to install and configure the Java Development Kit in Windows XP, Vista and 7

- 1. Download the Java JDK
  - a. Go to http://java.sun.com/javase/downloads/index.jsp
  - b. Scroll down to the Java SE Development Kit (JDK) Click Download

🥹 Java SE Downloads - Sun Developer Network (SDN) - Mozilla Firefox	
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C X 🟠 😵 🔚 http://java.sun.com/javase/downloads/index.jsp	☆ 🗸 🔹 🚰 • Google 🔎
Java SE Downloads - Sun Developer 🔅	· · · · · · · · · · · · · · · · · · ·
This distribution of the JDK includes the NetBeans IDE <sup>ID</sup> , which is a powerful integrated development environment for developing applications on the Java platform. "Learn more <sup>ID</sup>	* XML and Web Services     * Java Media Framework  Popular Topics
	» JDK 6 Adoption Guide
Java SE Development Kit (JDK)	» Java Platform Migration Guide 🔁
JDK 6 Update 16 Download	» Garbage Collection Tuning
Docs -	Troubleshooting Java SE     Sun Resources

c. Select Windows as the platform and Agree with Java's Agreement

Provide Information, then Continue to Download			
There is more information on the available files for download on the Supported System Configurations page.	1		
Select Platform and Language for your download:			
Platform: Windows -			
Language: Multi-language			
✓ I agree to the Java SE Development Kit 6u16 License Agreement. Continue »			

d. Click on the text for "jdk-XuXX-windows-i586.exe" and download the file

Available Files	
File Description and Name	Size
☐ Java SE Development Kit 6u16 ★ jdk-6u16-windows-i586.exe	73.54 MB

- 2. Install the Java JDK
  - a. Run the "jdk-XuXX-windows-i586.exe" installer... Click Accept on the License Agreement.



b. Leave all of the options alone and click Next.

🛃 Java(TM) SE Development Kit 6 Update 16 - Custom	Setup 🗾
Custom Setup Select the program features you want instal	led.
Select optional features to install from the list below. You ca installation by using the Add/Remove Programs utility in the	n change your choice of features after Control Panel
Development Tools Demos and Samples Ource Code	Feature Description Java(TM) SE Development Kit 6 Update 16, including private JRE 6 Update 16. This will require 300MB on your hard drive.
Install to: C:\Program Files (x86)\Java\jdk1.6.0_16\	<u>C</u> hange
< <u>B</u> ack	]Next > Cancel

c. It may take a few minutes to install... you should get a snack O Click Finish when done



Note: You don't have to register Java with Sun.

3. Find the Java JDK Path.

a. Once Java is installed, Open My Computer and Open "C"->"Program Files"->"Java" (If you're using a 64-bit operating system, Java will be installed to "Program Files (x86)")

b. Open the folder that starts with "jdk"

Organize + Include	in abrary	New folder		··· • 🛄	
🔆 Favorites	Name	Date modified	Туре	Size	
E Desktop	🅌 bin	9/10/2009 10:48 PM	File folder		
👔 Downloads	🔒 demo	9/10/2009 10:49 PM	File folder		
Recent Places	include	9/10/2009 10:48 PM	File folder		
	🎉 jre	9/10/2009 10:48 PM	File folder		
🥁 Libraries	🔒 lib	9/10/2009 10:48 PM	File folder		
Documents	🕌 sample	9/10/2009 10:49 PM	File folder		
Inbox	COPYRIGHT	7/31/2009 4:29 PM	File	4 KB	3
🚽 Music	LICENSE	9/10/2009 10:48 PM	File	18 KB	\$
E Pictures	CENSE.rd	9/10/2009 10:48 PM	Rich Text Format	18 KB	3
📑 Videos	README.html	9/10/2009 10:48 PM	Firefox Document	29 KB	3
🗐 Web	README_ja.html	9/10/2009 10:48 PM	Firefox Document	26 KB	3
	README_zh_CN.html	9/10/2009 10:48 PM	Firefox Document	21 KB	3
🜏 Homegroup	\min register.html	9/10/2009 10:49 PM	Firefox Document	6 KB	3
	📦 register_ja.html	9/10/2009 10:49 PM	Firefox Document	6 KB	3
P Computer	register_zh_CN.html	9/10/2009 10:49 PM	Firefox Document	5 KB	3
🚢 Local Disk (C:)	src.zip	7/31/2009 4:30 PM	Compressed (zippe	19,181 KB	3
HP_TOOLS (D:)	THIRDPARTYLICENSEREADME.txt	9/10/2009 10:48 PM	Text Document	247 KB	3
🗣 Network					

c. Copy the Path from the Address Bar at the top of the window...

Organize ▼ Include in	Files (x86)\Java\jdk1.6.0_16	Undo
	Name	Cut
🗙 Favorites	Name	Сору
🧮 Desktop	퉬 bin	Paste e
🚺 Downloads	鷆 demo	Delete
🕮 Recent Places	퉬 include	Select All
	퉲 jre	e
🥽 Libraries	퉬 lib	Right to left Reading order
Documents	퉬 sample	Show Unicode control characters
📄 Inbox	COPYRIGHT	Insert Unicode control character
🌙 Music	LICENSE	Open IME
Pictures	LICENSE.rtf	Reconversion
Videos	README.html	9/10/2009 10:40 PIVI FIRE

- 4. Set the Path Variable.
  - a. Hit the "Windows" and "pause" keys on your keyboard at the same time. This will open the System Properties Window (Right-Clicking on My Computer or Computer and selecting "properties" will get you to the same place)

💮 🕞 🗕 🖳 🕨 Control Panel 🕨	System and Security	▼ 4 <sub>2</sub>	Search Control Panel	Q
Control Panel Home	View basic information	about your computer		•
🛞 Device Manager	Windows edition			
🛞 Remote settings	Windows 7 Ultimate		$\bigcirc$	
🛞 System protection	Copyright © 2009 Microso	ft Corporation. All rights rese	rved.	
🚱 Advanced system settings	System			
	Rating:	Your Windows Experi	ence Index needs to be refreshed	
	Processor:	Intel(R) Core(TM)2 Duo CPL	J L9600 @ 2.13GHz 2.13 GHz	
	Installed memory (RAM):	4.00 GB (3.84 GB usable)		
	System type:	64-bit Operating System		
See also	Pen and Touch:	Pen Input Available		
Action Center	Computer name, domain, and	workgroup settings		
Windows Update	Computer name:	A	🛞 Change set	tings
Performance Information and	Full computer name:			
10015	Computer description:			-

Note: This will look different for XP users

b. Click on "Advanced system settings" (XP users: just click on the "Advanced" tab)

System Properties
Computer Name Hardware Advanced System Protection Remote
You must be logged on as an Administrator to make most of these changes.
Performance
Visual effects, processor scheduling, memory usage, and virtual memory
Settings
User Profiles
Desktop settings related to your logon
Settings
Startup and Recovery
System startup, system failure, and debugging information
Settings
Environment Variables
OK Cancel Apply
nvironment Variables" near the bottom of the w
Environment Variables

c. Click on dow

Vanabie	Value	
TEMP	%USERPROFILE%\AppData\Local\Temp	
TMP	%USERPROFILE%\AppData\Local\Temp	
	New Edit Delete	
ystem variables		
Vasiable	Vehie	
Variable	Value	
Variable OS	Value Windows_NT	
Variable OS Path PATHEXT PROCESSOR_A.	Value Windows_NT C:\Windows\system32;C:\Windows;C:\ .COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS; . AMD64	

d. Under the bottom window (Labeled "System variables") find the Variable "Path" and double-click it (or select it and choose "Edit...").

e. At the end of the "Variable value" add a semicolon (";") then paste your path that you copied in step 3-c. ADD "\bin" (without quotes) to the end.

Edit System Variable	<b>X</b>
Variable <u>n</u> ame: Variable <u>v</u> alue:	Path ; (x86)\QuickTime\QTSystem\;C:\Python26
	OK Cancel

Note: The path should read something like: "C:\Program Files\Java\jdk1.6.0\_16\bin"

- f. Hit "OK" on the three open windows and close any other windows still open from this guide.
- 5. Test java
  - a. Open a command prompt and type in "java" it print a bunch of information onto the screen. If it gives an "unrecognized command" error, java was not properly installed, return to step 1-a
  - b. Type the command "javac" into the command prompt. If this gives an "unrecognized command" error, the problem exists in either step 3 or 4, go over these steps again. Otherwise you've successfully configured java!
- 6. Install Objectdraw (Optional)
  - a. In order to use objectdraw, copy the ObjectDraw.jar file and paste it into the following locations: (Please note that your location may vary, the important stuff is **BOLD**)
    - i. "C:\Program Files\Java\jdk1.X.X\_XX**\jre\lib\ext\**"
    - ii. "C:\Program Files\Java\jre6\lib\ext\"

If everything is working, then congratulations, you've successfully followed a guide! <sup>(C)</sup> Happy Java-ing!