Java Installation and Setup

Rev. 3/18/09

Overview

In this section, you will:

- 1. Check for Java version on your computer
- 2. Install Java 1.5
- 3. Setup Environment Variables
- 4. Set Java version in Path Variable

1. Check for Java version

1.1

From your Desktop, go to Start→Run...

1.2

To open a DOS command prompt, type "cmd" in the Run Window and click on OK.



1.3 Type in: **java –version** Press enter.

You should see a response like this:

java version "1.x.x.xx"

If it has a version earlier than 1.5, you will need to download and install java 1.5.

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2. Install Java

2.0

From the OpenEAI Training CD, find the directory called "Java". To a temp directory (or directory of your choice, download the file named:

jdk-1_5_0_06-windows-i586-p.exe

2.1

Run the aforementioned executable file accepting all defaults.

3.1

Go to your Windows Control Panel, and select "System"

🕑 Control Panel	<u></u>	
File Edit View Favorites Tools	Help	
🔇 Back - 🕥 - 🎓 🔎 Searc	h 闷 Folders 🛄 🗸	
Address 📴 Control Panel		🔽 🔁 Go
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Control Panel 🛞	 Internet Options Java Keyboard Mail Mouse 	Configure your Intern Java(TM) Control Panel Customize your keyb Microsoft Office Outlo Customize your mous
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	 Regional and Language Options Scanners and Cameras Scheduled Tasks Security Center SigmaTel Audio Sounds and Audio Devices Speech System Taskbar and Start Menu User Accounts Windows Firewall 	Add, remove, and co Schedule computer ta View your current sec Controls SigmaTel C Change the sound sc Change settings for te See information about Customize the Start M Change user account Configure the Windo

3.2

On the System Window, select the "Advanced" tab.

System Re	store	Automati	c Updates	Remote
General	Compute	er Name	Hardware	Advanced
′ou must be lo P <mark>erformance</mark> – Visual effects,	gged on as an processor scl	Administrator t	o make most of the	se changes. al memory
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System startu	p, system failu	re, and debugg	ing information	
			L	Settings
	Envi	ronment Variab	oles Erro	Settings r Reporting

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3.3

On the Advanced tab, click on the "Environment Variables" button.

3.4

Under "System Variables", click on the "New" button.

En	vironment Varia	ibles ? 🗙
ſ	Jser variables for jpa	ajer
	Variable	Value
	CVS_EXT	ssh2 -l %u %h
	MYSQL_HOME	c:\mysql
	PATH	C:\Program Files\SSH Communications
	TEMP	C:\Documents and Settings\jpajer\Loca
	TMP	C:\Documents and Settings\Jpajer\Loca
		New Edit Delete
-5	System variables	
	Variable	Value
	ComSpec	C:\WINDOWS\system32\cmd.exe
	CONNECTMAX	c:\connectmax-examples-1.0
	FP_NO_HOST_C	NO
	JAVA_HOME	c:\PROGRA~1\Java\Jdk1.5.0_06
	NUMBER_OF_FR	
		Neur Edit Delete
		New Edit Delete
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
		OK Cancel

3.5

Enter the Variable name: JAVA_HOME

*** Enter the Variable value: c:\PROGRA~1\Java\jdk1.5.0_06

*** This version may be different for you. Make sure you enter the correct information from your installed Java file.

New System Va	riable 🔹 🔀
Variable name:	JAVA_HOME
Variable value:	c:\PROGRA~1\Java\jdk1.5.0_06
	OK Cancel

#### 3.6

Click on OK. Note that the variable JAVA_HOME is now listed in the system variables.

3.7

While you are on this screen, we will enter a new environment variable for the Toolkit directory. Follow Step 2.4, then enter the following:

Enter the Variable name: OPENEAI_HOME Enter the Variable value: c:\openeai-examples-2.0

New System Va	riable 🔹 💽
Variable name:	ESB_HOME2
Variable value:	c:\toolkit-examples-2.0
	OK Cancel

3.8

Click on OK. Note that the variable OPENEAI_HOME is now listed in the system variables.

## 4. Set Java Version in System Variables

#### 4.1

From the Environment Variables screen, under System Variables, select "Path" and click on "Edit"

	ibles	?
ser variables for jpa	ıjer	$\searrow$
Variable	Value	1
CVS_EXT MYSQL_HOME	ssh2 -l %u %h c:∖mysql	
PATH	C:\Program Files\SSH Communicat	ions
TEMP	C:\Documents and Settings\jpajer\	Loca
TMP	C:\Documents and Settings\jpajer\	Loca
	New Edit	Delete
ystem variables	Value	
ystem variables Variable OS	Value Windows NT	
ystem variables Variable OS Path	Value Windows_NT C:\WINDOWS\system32:C:\WINDO	NWS:
vstem variables Variable OS Path PATHEXT PROCESSOR AR	Value Windows_NT C:\WINDOWS\system32;C:\WINDO .COM;.EXE;.BAT;.CMD;.VBS;.VBE;. x86	WS;
ystem variables Variable OS Path PATHEXT PROCESSOR_AR PROCESSOR_ID	Value Windows_NT C:\WINDOWS\system32;C:\WINDO .COM;.EXE;.BAT;.CMD;.VBS;.VBE;. x86 x86 Family 6 Model 13 Stepping 8,	WS; JS; Gen V
ystem variables Variable OS Path PATHEXT PROCESSOR_AR PROCESSOR_ID	Value Windows_NT C:\WINDOWS\system32;C:\WINDO .COM;.EXE;.BAT;.CMD;.VBS;.VBE;. x86 x86 Family 6 Model 13 Stepping 8, New Edit	WS; JS; Gen V

4.2

At the beginning of the Variable value, enter the following: **%JAVA_HOME%\bin;** 

 $\rightarrow$  Note: do not delete any information in the Variable value. Only add the variable listed for JAVA_HOME.

Edit System Va	riable ? 🗙
Variable name:	Path
Variable value:	%JAVA_HOME%\bin;%SystemRoot%\syste
	OK Cancel

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4.3

Click on OK to Edit the Path System Variable.

4.4

Click on OK to exit the Environment Variables window.

4.5

Click on OK to exit the System window.

4.6

Check to see if your version of Java is updated by following steps 1.1 - 1.3 in this topic section.

You have now installed the correct Java version for continuing with this course.