## **NetBeans Install Directions**

Java is an object-oriented programming language. We will be writing all of our Java code in NetBeans. NetBeans is not the only environment for writing Java code, but it is what we will be using for this text.

You should download the NetBeans and Java SDK bundle. This bundle will include everything that you will need to write and run Java programs. Please follow the install directions for installing this software.

### **NetBeans Install Directions:**

http://www.oracle.com/technetwork/articles/javase/jdk-netbeans-jsp-142931.html

- Accept the license agreement
- Download the file for your operating system
  - How to determine whether you have a 32 or 64 bit version of Windows:
    - Click Start, right-click Computer, and then click Properties.
       Scroll down to find the system type as shown below:



- The 32 bit operating systems should download the x86 version and 64 bit operating systems should download the x64 version
- Once it has finished downloading, double click on this file
- Follow through the steps for installing the software

# **Alice Install Directions**

Alice provides a 3D environment for manipulating objects using drag and drop code segments. This environment helps to provide visual representations of abstract programming concepts. Please follow the install directions for installing this software.

You must install the NetBeans environment with the Java SDK (*shown above*) before installing the Alice environment or you will most likely get a "Java not found" error.

#### Alice for Windows & Mac:

http://www.alice.org/get-alice/alice-3/

• Scroll down to **Archived Builds** under the **Specifications** section of the webpage.

$\leftrightarrow$ $\rightarrow$ C (i) www.alice.or	<b>g</b> /get-alice/alice	/get-alice/alice-3/				
°		SPECIFICATIONS				
Alice		What's New	+			
		EULA	+			
About Alice		System Requirements	+			
Get Alice		Language Support	+			
Alice 3		Archived Builds	+			

• Expand the Archived Build section to see the available versions. Scroll down to the Version 3.2.5.0.0 Release (2/10/2015) as shown below.

Archiv	red Builds					
	We strongly suggest you update to the newest build of Alice whenever possible. The Team has					
	pent a lot of time to fix bugs and add new content to help you have the best experience					
	possible. Additionally we will not officially support these older versions as you may be reporting					
	bugs that have been fixed in subsequent versions. We do test to make sure that worlds built in					
	older versions of the software will be forward compatible so that you can open and resave worlds					
	from these older versions in the newest version of Alice. If for some reason that doesn't prove to					
	be true please contact us.					
	Version 3.2.5.0.0 Release (2/10/2015)					
	Download Alice 3.2 Installer for Windows (64-bit) (1.08 GB)					
	Download Alice 3.2 Installer for Windows (32 bit) (1.08 GB)					
	Download Alice 3.2 Installer for Mac (1.09 GB)					
	Download Alice 3.2 Installer for Linux (1.01 GB)					

- Download the file for your operating system
- Once it has finished downloading, double click on this file
- Follow through the steps for installing the software
- You will need to download the Alice 3 Plugin so that Alice programs can be transferred into NetBeans. Please follow the directions for installing the plugin on the next page.

## **Alice 3 Plugin Install Directions**

You will need to download the Alice 3 Plugin so that Alice programs can be transferred into NetBeans. This plugin will need to be added to the NetBeans environment. Please follow the directions listed below.

### Plugin for Windows & Mac:

http://www.alice.org/get-alice/alice-3-with-netbeans/

• Scroll down to **Archived NetBeans Plugins** under the **Specifications** section of the webpage.



• Expand the Archived NetBeans Plugins section to see the available versions. Scroll down to the Alice Version 3.2.5 release. Click on Download NetBeans Plugin for Java 8 as shown below.

Archived NetBeans Plugins
If you are not able to update your version of Alice you will need to download the version of the
plug in that matches your version of Alice. This is required so that worlds created in your version
of Alice will be usable in NetBeans. Below you can find the corresponding plugins for our major
releases.
Alice Version 3.2.5
Download NetBeans Plugin for Java 8
Download NetBeans Plugin for Java 6 & 7

• Save Alice3NetBeans8Plugin\_3.2.5.0.0.nbm to your computer. Ensure that the plugin has the .nbm file extension before downloading it (*note this is a screen shot using Chrome on a Windows machine*).

0	Save As				×
⊕ ∋ - ↑ ■	Desktop	~ Ċ	Search Desktop		Q
Organize 👻 Ne	w folder				0
⊿ 🚖 Favorites ■ Desktop	OneDrive				^
Downloads	v <b>*</b>				~
File name:	Alice3NetBeans8Plugin_3.2.5.0.0				~
Save as type:	NBM File (.nbm)				~
Alide Folders			Save	Cancel	

- Troubleshooting:
  - Do NOT try opening this file.
  - If your file does not have the .nbm extension, try changing the file extension type by **adding .nbm extension to your file name** and by changing the **save as type** to **All Files**
- Once you have the Alice NetBeans plugin downloaded, **open up the NetBeans IDE environment**.

- Click on **Tools** then **Plugins**. Click on the **Downloaded** tab. Then click **Add Plugins...** Locate the Alice NetBeans plugin(should have .nbm extension) and click **Ok**. Click **Install**.
- Follow through with the install wizard.
- To ensure that the plugin installed, click **File**, **New Project**. If you see the following Alice option, the plugin has been installed.

0	New Project	×
Steps 1. Choose Project 2	Choose Project Q Filter:	
	Dava     Projects:       Java     Java Project from Existing Alice Project       JavaFX     Java Project from Existing Alice Project       Maven     Java Application       NetBeans Modules     Java Application       Description:     Generates a Java Project from an existing Alice Project (a3p).	Ĵ
	< Back Next > Finish Cancel Help	