Installer

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Introduction

Since IGB 8.3.0 (released 1/22/15), IGB has made use of a native platform installer for Windows, Mac, and Linux.

Test the IGB installer for each operating system both before and after the new version is released.

Test the automatic version updater after the new version is released.

Pre-Release Installer Testing

Go to the Loraine Lab bibucket repository for IGB, then download and run the most recent main-JDK8 branch installers for your operating system.

- IGB Setup Wizard launches.
 mac
 linux
 windows
 Follow the prompts on the wizard. When the setup is complete click Finish and the IGB Splash image will appear.
 mac
 linux
 windows
 IGB launches and runs normally.
- mac
- linux
- windows

After the new version release of IGB is complete and available on the bioviz.org IGB download page, follow the steps below for post-release testing.

Post-Release Installer and Update Testing

After the release of a new version of IGB, follow the instructions to download the now outdated previous version of IGB. Running this IGB version should trigger the updater.

This will let us test that the IGB updater is working properly to automatically update old versions of IGB to the new release.

General Function Checklist

Start by following this link to go to the IGB Downloads page: http://bioviz.org/download.html

- Any download button on this page (including the upper-right corner) does in fact download an installer, but discard the installers for now.
- mac
- linux
- windows

Select the word here in the sentence, "Click here for other ways to download IGB" (as seen below).



Scroll to the middle of the page and select the word **sourceforge** in the sentence, "Older releases of IGB are available at **sourceforge**" (as seen below). This will take you to SourceForge where you can download older versions of IGB.

Old Downloads	
Older releases of IGB are available at sourceforge.	

Click the folder for the second most recent version of IGB. For example, the image below shows IGB version 8.5.2 as the most recent version, so for testing purposes we will need to download IGB version 8.5.1.

GenoViz Visualization software for genomics Brought to you by: biotelerock, dcnorris, jeckste, loraine, and 2 others					
Summary Files Reviews Support Wiki Mailing Lists Code Tickets • Add New	News Discu	ssion Donate C	Admin		
Looking for the latest version? Download IGB_windows-x64_8_5_2.exe (93.4 MB) Add File Add Folder Home					2
Name +	Modified +	Size *	Downloads / Week		
■ IGB 8.5.2	2015-12-21		6 📐 🌘	1	ŧ
IGB 8.5.1	2015-11-30		4 ⊾ 🌘	0	Ê
🖿 IGB 8.5.0	2015-11-20		1 🛄 🌘	1	Ê

Once inside the appropriate folder, select the proper download file for your operating system to download that version of IGB. Once downloaded, open the file to begin the installation. The IGB Installer will launch upon opening the downloaded file.

🔄 Setup - Integrated Genom	ne Browser 8.5.1	_		×
	Welcome to the Integrated Setup Wizard	Genom	ne Bro	wser
	This will install Integrated Genome Brow	vser on you	ur comput	er.
	A previous installation has been detect that installation?	ed. Do you	ι wish to ι	update
	○ Yes, update the existing installatio	n 🔞		
	No, install into a different directory	Y		
A REAL PROPERTY AND A REAL	Click Next to continue, or Cancel to exi	it Setup.		
	[Next >	Ca	ancel
The installer opens to the IG	B Setup Wizard Welcome screen.			

- mac
- linux
- windows

• If there is a previous IGB installation on your computer then the Installer should display a message similar to the one below.

0	Note: For testing purposes, it can be helpful to install different versions of IGB to their own folder rather than replacing your previous IGB installation. This will allow you to quickly open different versions of IGB to compare while testing.
	mac
	linux
	windows
	mac linux windows

To install this version of IGB to its own directory, select **No, install into a different directory** on the IGB Setup Wizard Welcome screen and then select **Ne** xt >.

In the **Destination Directory** text box, enter the path to your desired installation directory and click **Next >**. I personally like to create an "IntegratedGenomeBrowser" folder within "Program Files" and then install each version of IGB into its own folder within the "IntegratedGenomeBrowser" folder, as seen below:

🔄 Setup - Integrated Genome Browser 8.5.1	_		\times
Select Destination Directory Where should Integrated Genome Browser be installed?		-	
Select the folder where you would like Integrated Genome Browser to b Next.	e installed	l, then di	ck
Destination directory			_
C: \Program Files \IntegratedGenomeBrowser \IGB_8.5.1	Bro	wse	
Required disk space: 207 MB			
Free disk space: 102 GB			
install4j			
< Back	Next >	Ca	incel

If you wish to test the creation of a Start Menu folder then make sure the checkbox is enabled for Create a Start Menu folder and select Next> (see below).

Setup - Integrated Genome Browser 8.5.1	_		\times
Select Start Menu Folder Where should Setup place the program's shortcuts?			
Select the Start Menu folder in which you would like Setup to create th then click Next.	e program	's shortcı	ıts,
Create a Start Menu folder			
7-Zip Accessibility			^
Accessories Administrative Tools			
Alienware AutoHotkev			
AVAST Software Canon MG5300 series			~
Create shortcuts for all users			
install4j	Next >	C	ancel

Make sure the checkbox is enabled for Create a desktop icon and select Next > (see below).

🔄 Setup - Integrated Genome Browser 8.5.1		_		×
Select Additional Tasks Which additional tasks should be performed?				
Select the additional tasks you would like Setup to p Browser, then click Next.	erform while install	ing Integra	ated Gen	ome
Create a desktop icon				
install4j	< Back	Nevt >		ancel
A new IGB icon appeared on the Desktop.	, buck	incat /		

- A new IGB icon appeared on the Deskterned
- mac
- linux
- windows



Rename this Desktop Shortcut to include the IGB version name, as seen above.



• The installer eventually showed the IGB Setup Wizard Completion screen.

mac
linux
windows



Make sure the checkbox is enabled for Run Integrated Genome Browser and click Finish.

• The IGB Splash Screen appears.

mac

linux

windows

🚯 Updater - Integ	rated Genome Browser	_		\times
New Version Ava A new version of details below.	iilable Integrated Genome Browser is available, please cheo	k the	4	
Current version:	8.5.1			
New version:	8.5.2 <u>View Changes</u>			
In the next step, executed. If you	the installer will be downloaded. You will be prompted do not wish to download the installer, click Cancel no	d before w.	the installe	er is
Download to:	C: \Users \Mason \Downloads		Browse	
Download size:	89.1 MB			
install4i				
instairtj		Next >	> C	ancel

- The Automatic IGB Updater appears, as seen above (the automatic updater appears when you try to run a version of IGB which *is not* the most recent version).
- mac linux
- windows

Select Next > to download the most recent version of IGB to the specified directory.

🛞 Updater - Integrated Geno	ome Browser	_		\times
	Download Finished			
	The update for Integrated Genome Brow downloaded to your computer.	wser has l	been	
	Do you want to launch the update insta	ller now?		
	• Yes, execute the update installer n	ow		
	○ No, I will execute the update install	er later		
	Open containing folder			
ATTENT OF				
			Fini	sh

- The IGB Updater showed the "Download Finished" screen.
- mac

Select Yes, execute the update installer now and click Finish.



- The IGB Setup Wizard Welcome Screen appears for the most recent version of IGB (see above).
- mac
- linux
- windows

Select No, install into a different directory and then click Next >.

Install this version of IGB to its own directory, as seen in the image below:

Setup - Integrated Genome Browser 8.5.2	_		\times
Select Destination Directory Where should Integrated Genome Browser be installed?		4	
Select the folder where you would like Integrated Genome Browser to b Next.	e installe	d, then d	lick
C: Program Files Untegrated GenomeBrowser (IGB_8.5.2	Bro	owse	
Required disk space: 207 MB			
Free disk space: 99 GB			
instail4)	Next >	C	ancel

Continue and finish the IGB Setup Wizard to install the most recent version of IGB.

Once it is installed, launch IGB.

integrated Genome Browser 8.5.2
File Edit View Tools Tabs Bookmarks Help

- IGB opens and the most recent version number can be seen in the window's title bar (see above).
- mac
- linux
- windows

Now return to the IGB Downloads page and reinstall the most recent version of IGB, replacing the current installation directory in the process:

- The previous installation directory has been replaced and the most recent version of IGB can be launched properly.
- mac
- linux
- windows