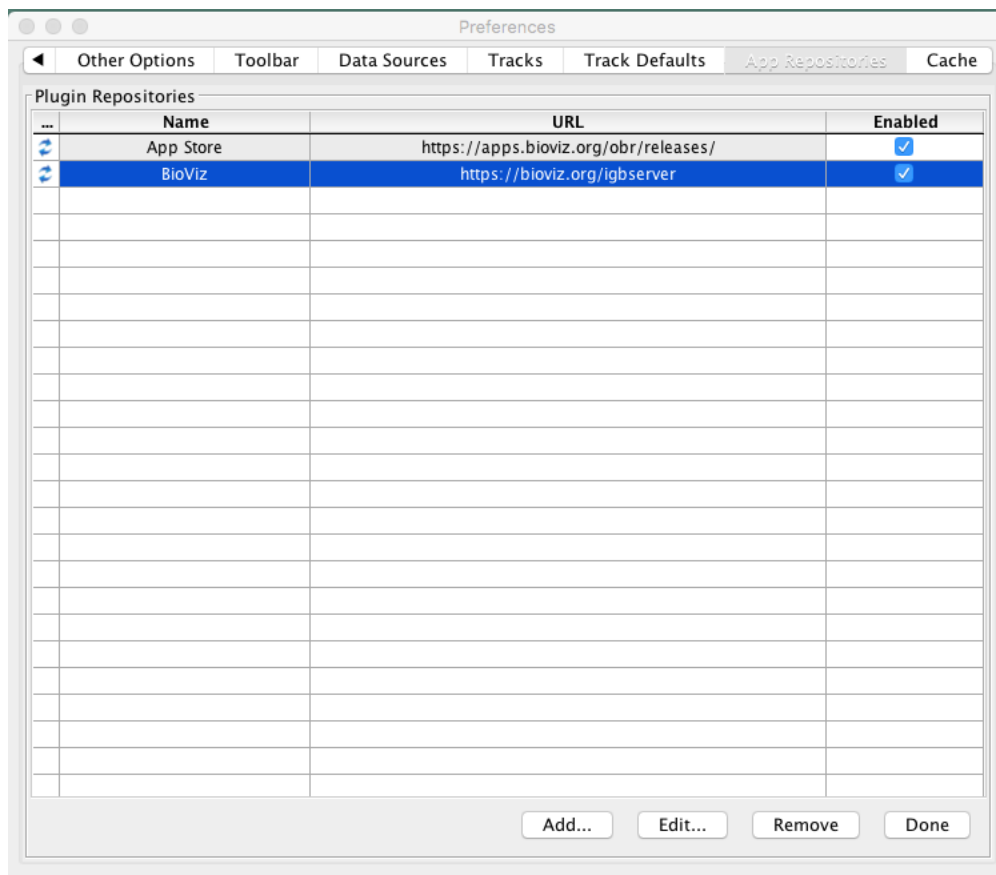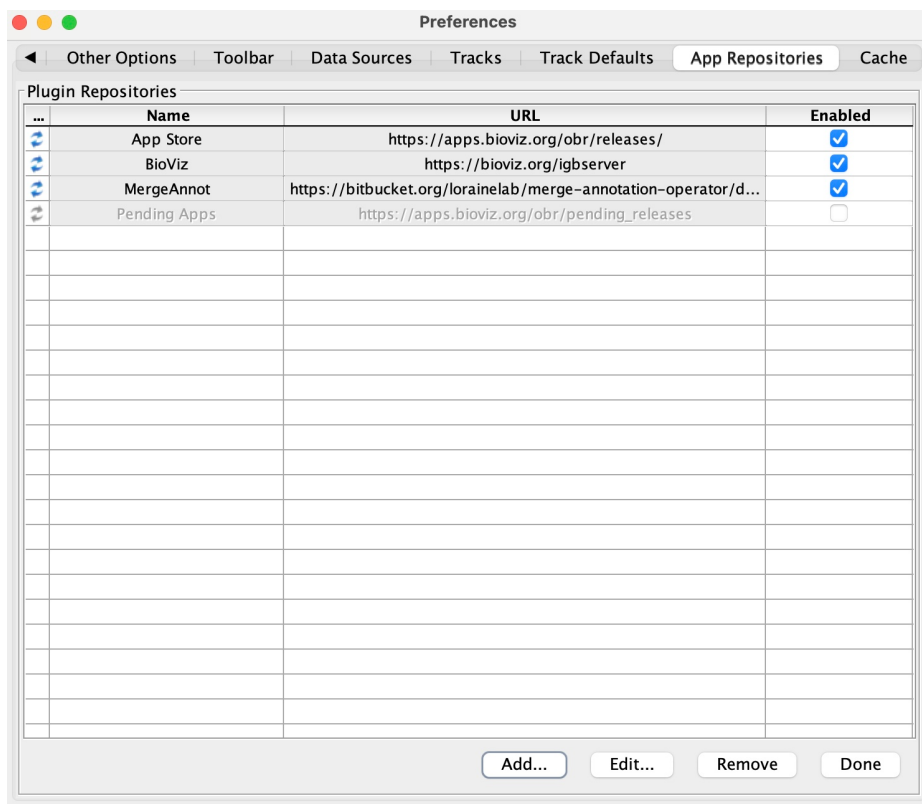# App Manager

General Function Checklist

Open the **App Repositories** tab in **Preferences**.

- The **App Repositories** table matches the image below (both servers should be enabled).


- [x] Mac
- [ ] Windows
- [ ] Linux

1. Click the **Add...** button.
   a. Name: MergeAnnot
   b. URL: https://bitbucket.org/lorainelab/merge-annotation-operator/downloads/ (This URL contains an App jar file and OBR index file which makes this a valid App repository)
2. Click **Submit**.

- The **MergeAnnot** app repository has been added to the **App Repositories** table with the **Name** and **URL** displayed exactly as you entered them.

- [x] Mac
- [ ] Windows
- [ ] Linux

Close **Preferences**. Select the **Plug-ins** tab at the bottom of IGB.

- There is a **Launch App Manager** button.
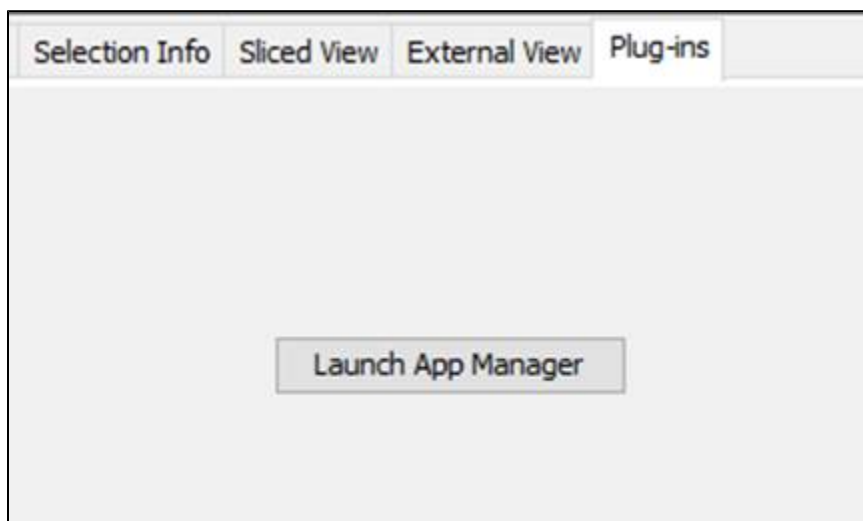
- [x] Mac
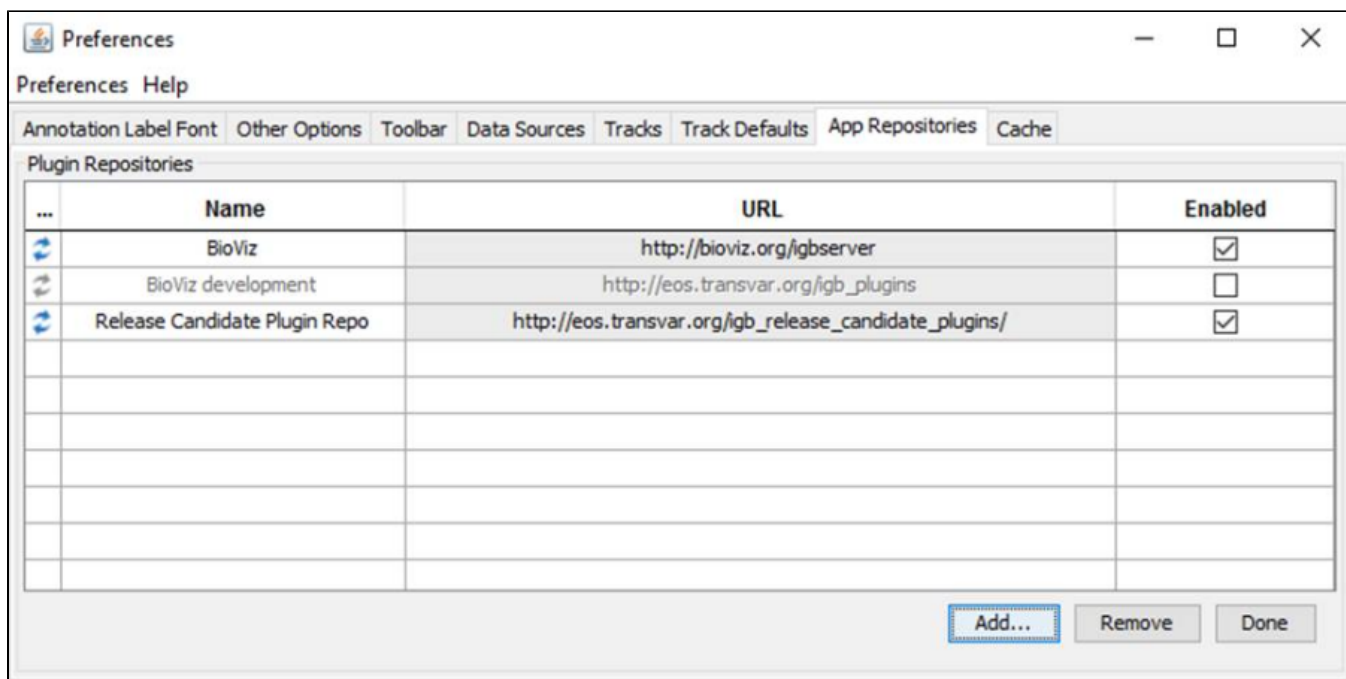- [ ] Windows
- [ ] Linux

Click **Launch App Manager**.

- The **IGB App Manager** opens and contains apps similar to those shown below.
  - **Note:** Before selecting any of the plugins at the left, the area at the right is blank. The letter/color for any plugins that are present in both the default set and the test repository will change. By default it is a B for BioViz. If you name the test repository "Test" then they all change to a "T". **(UPDATE IMAGE)**
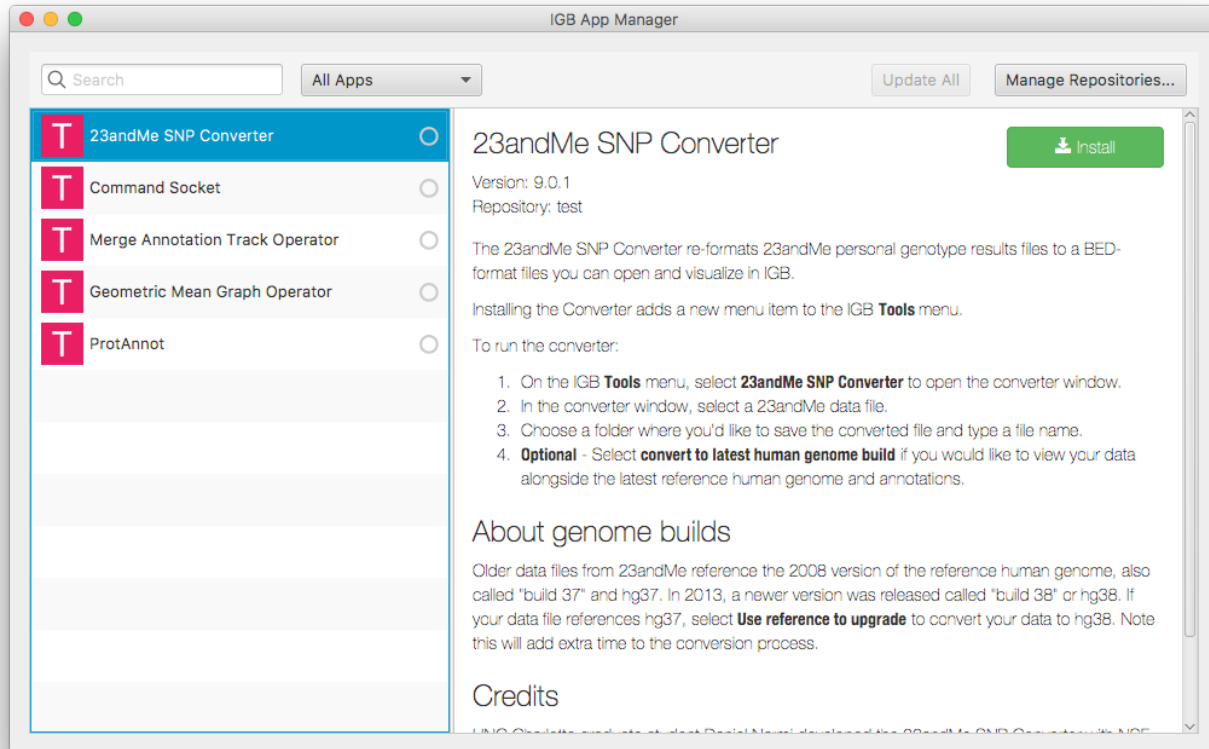
- ☑ Mac
- ☐ Windows
- ☐ Linux

Select **Manage Repositories…**

- The **App Repositories** tab in **Preferences** opens.

- ☑ Mac
- ☐ Windows
- ☐ Linux

1. Select the checked checkbox in the **Enabled** column to disable the **MergeAnnot** app repository.
2. Ensure the **BioViz** app repository is enabled, and then click **Done**.
3. Select the **Plug-ins** tab at the bottom of IGB and launch the **IGB App Manager** again.

- The available **BioViz** apps are listed and the color of the "Merge Annotation Track Operator" app's icon changes to indicate that the **MergeAnnot** app repository isn't being used **(UPDATE IMAGE)**:
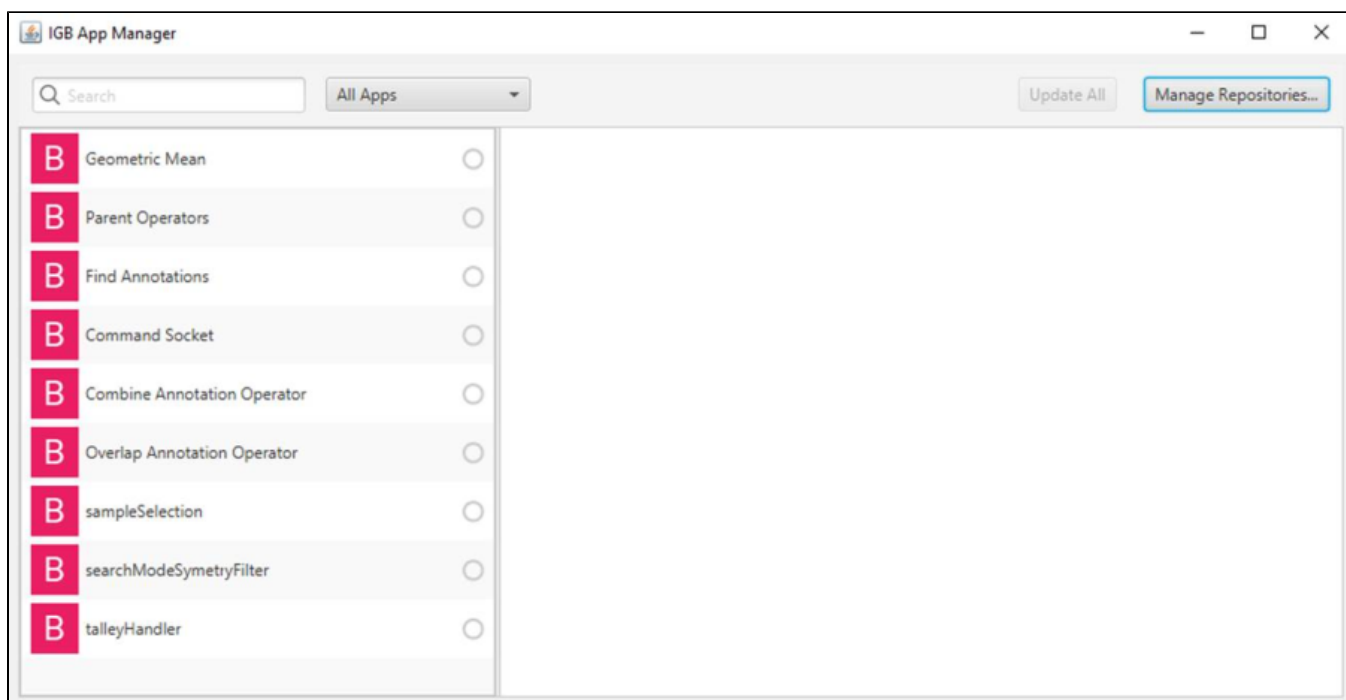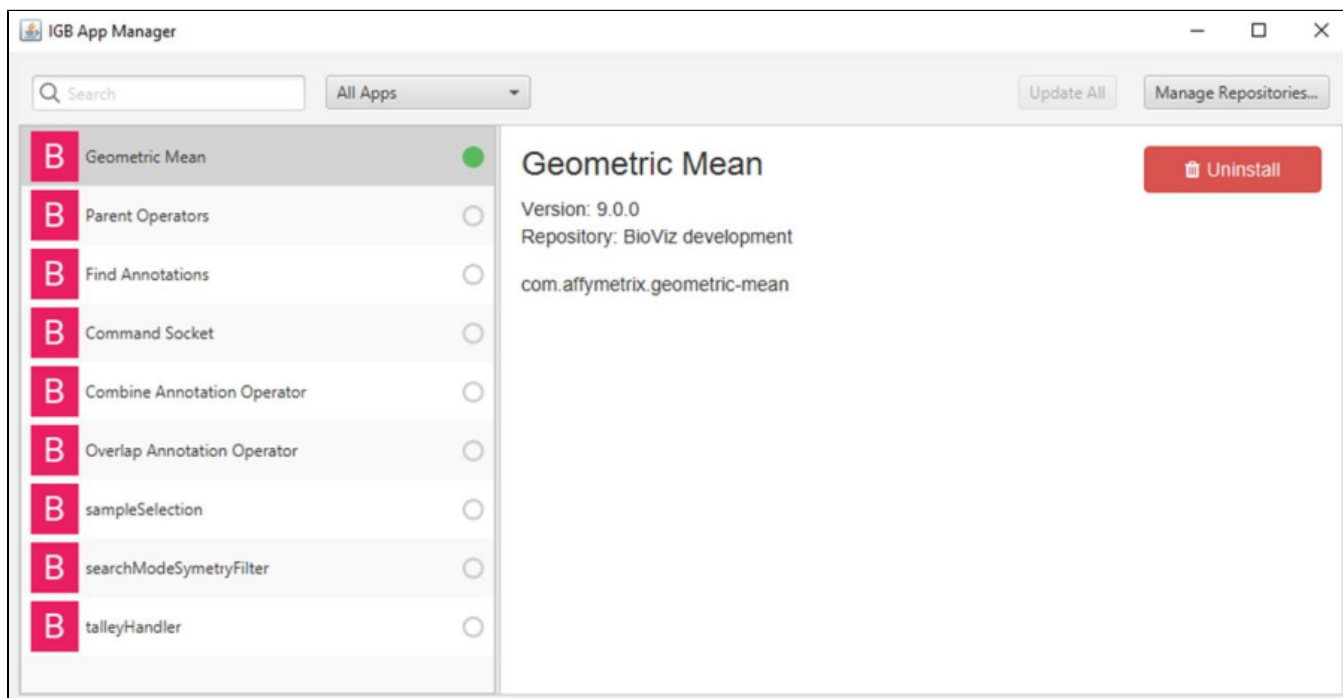

- ☑ Mac
- ☐

Windows

☐ Linux

Install the **Geometric Mean** app by selecting it from the list and clicking **Install**.

- The **Install** button toggled to read **Uninstall** and there is a green dot next to the **Geometric Mean** app to indicate an installed status.
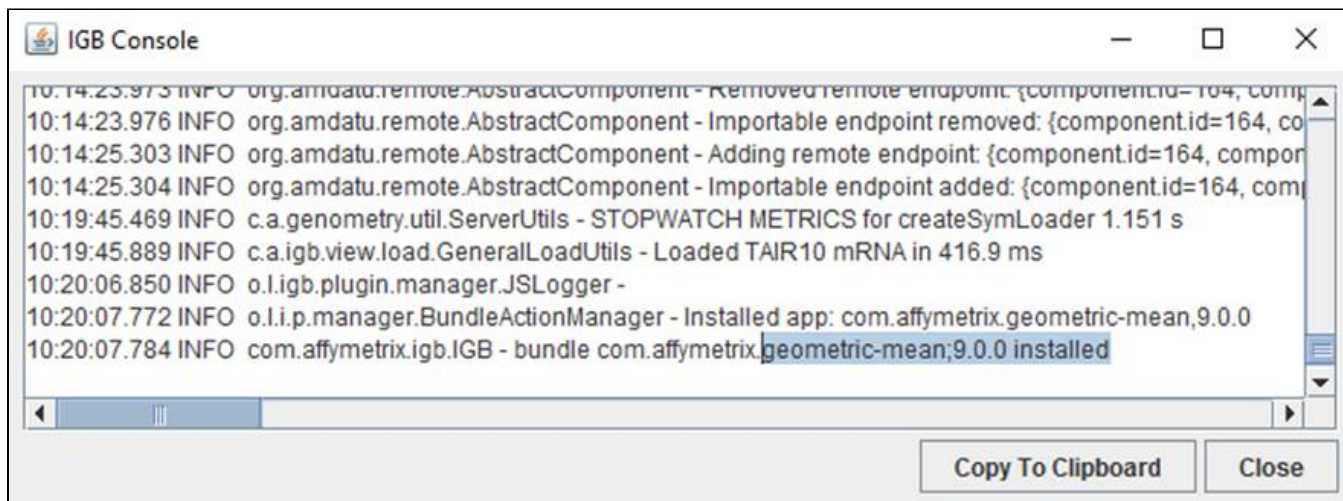

☑ Mac

☐ Windows

☐ Linux

1. Close the **IGB App Manager**.
2. View the **Log** by selecting **Help > Show Log.**

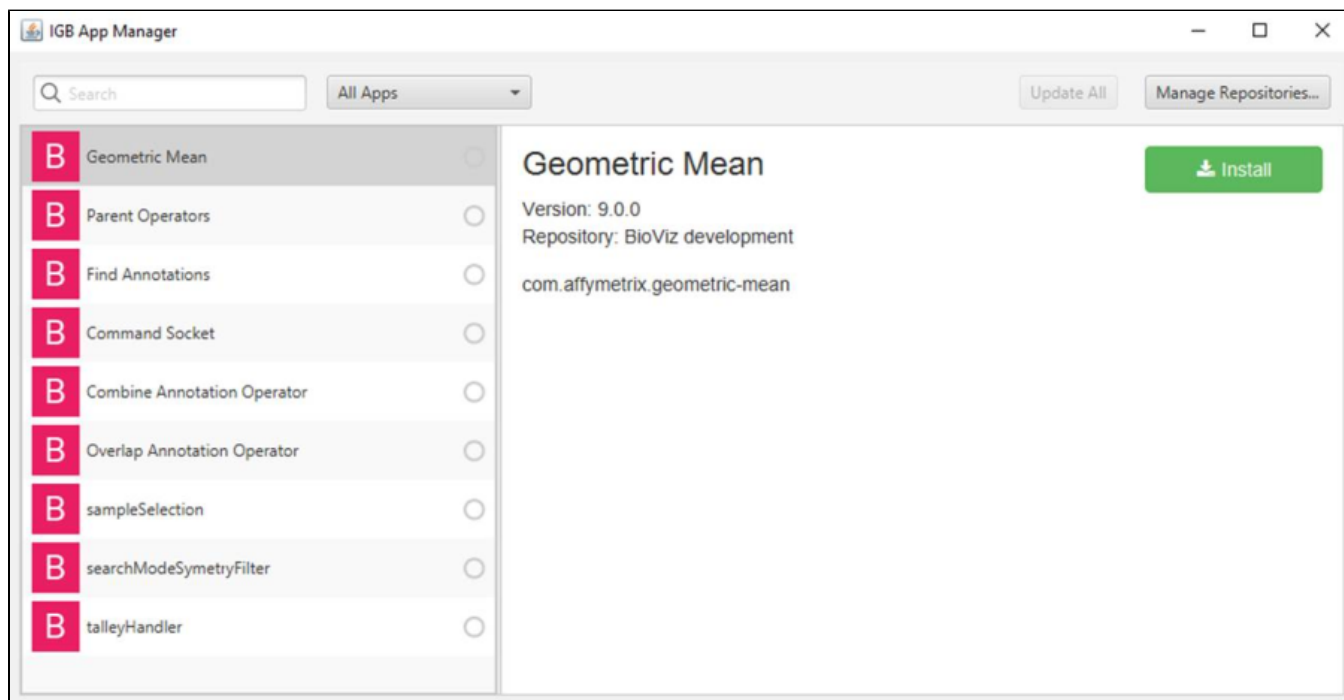- A logging statement confirms that the **Geometric Mean** app was installed correctly.

☑ Mac

☐

1. Launch the **IGB App Manager** again.
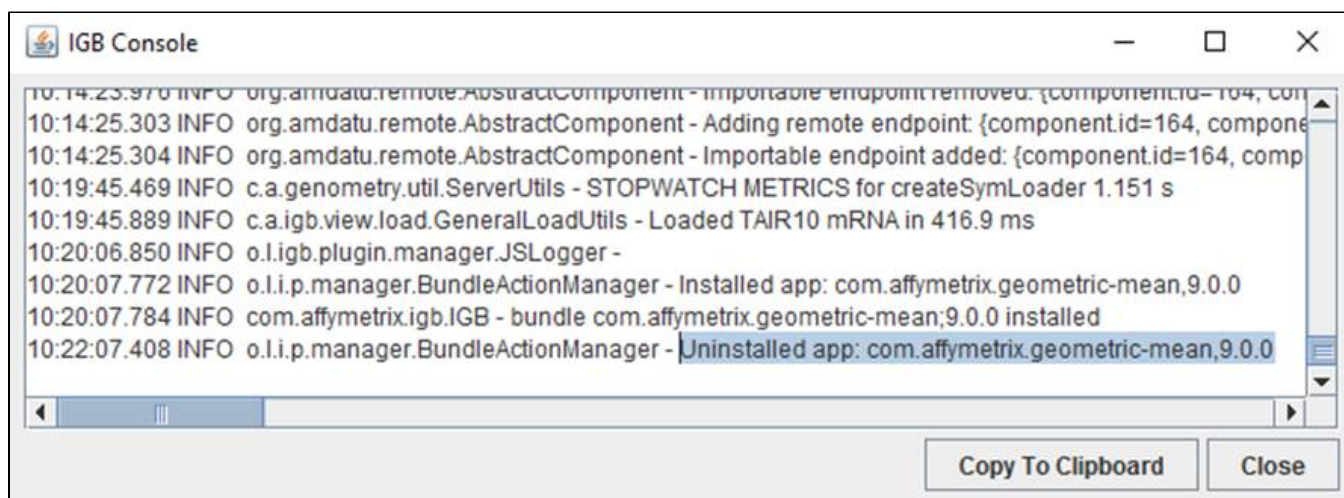2. Uninstall the **Geometric Mean** app by clicking the **Uninstall** button.

- The **Uninstall** button now reads **Install** and the green dot next to the **Geometric Mean** app is now gone.

☑ Mac

☐ Windows

☐ Linux

Close the **IGB App Manager** and open the **Log**.

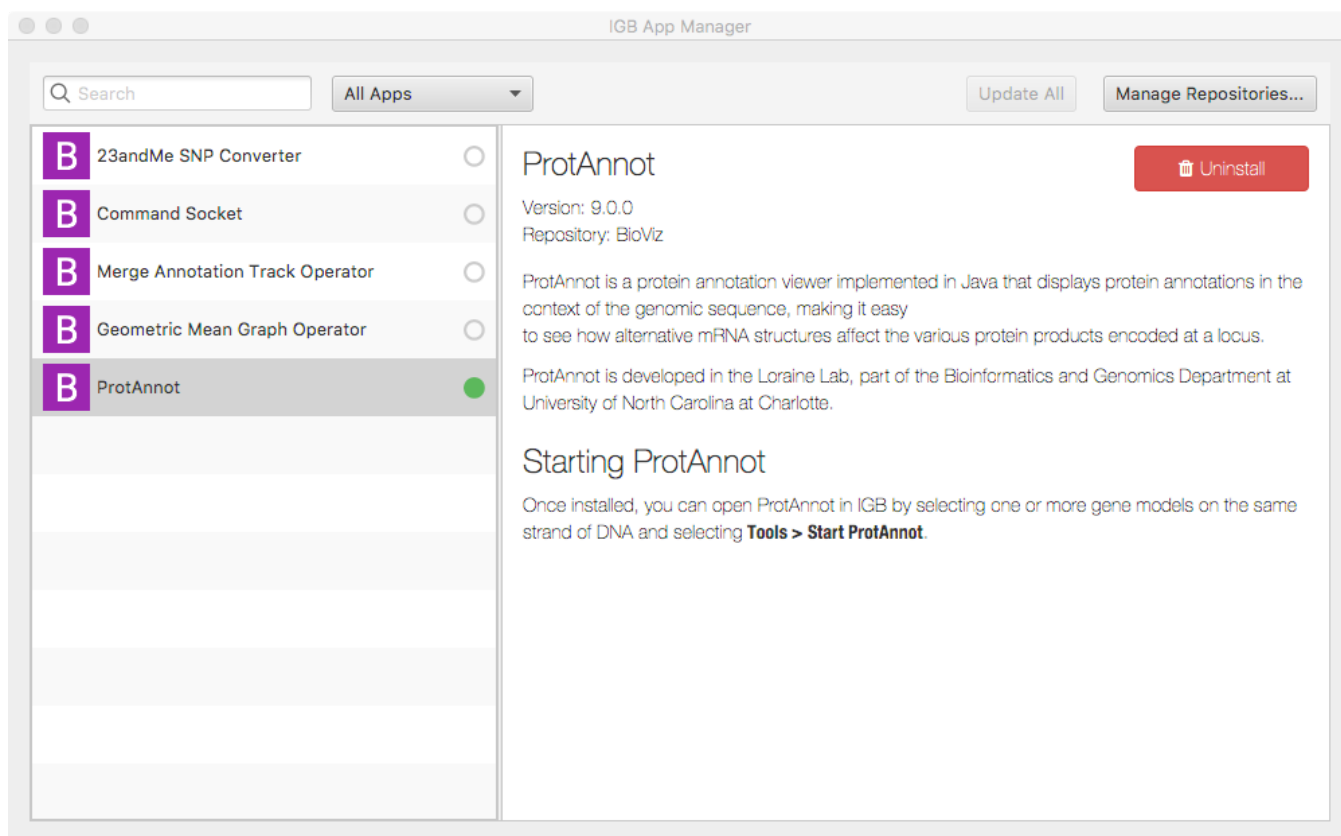- A logging statement confirms that the **Geometric Mean** app was uninstalled correctly.

☑ Mac

☐ Windows

☐ Linux

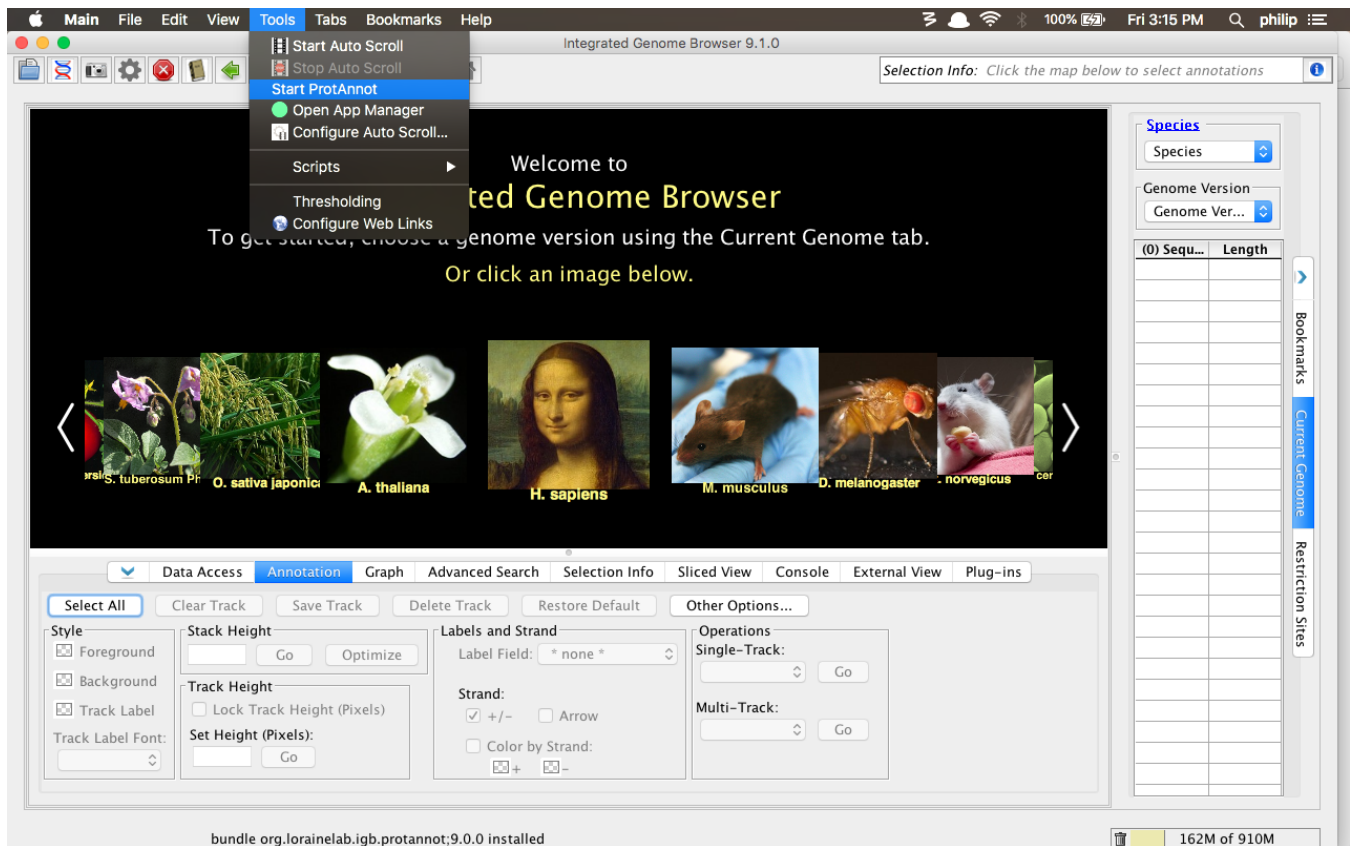Launch the **IGB App Manager** again and install the **ProtAnnot** app.

- The **Install** button toggled to read **Uninstall** and there is a green dot next to the **ProtAnnot** app in the list to indicate an installed status.

☑ Mac
☐ Windows
☐ Linux

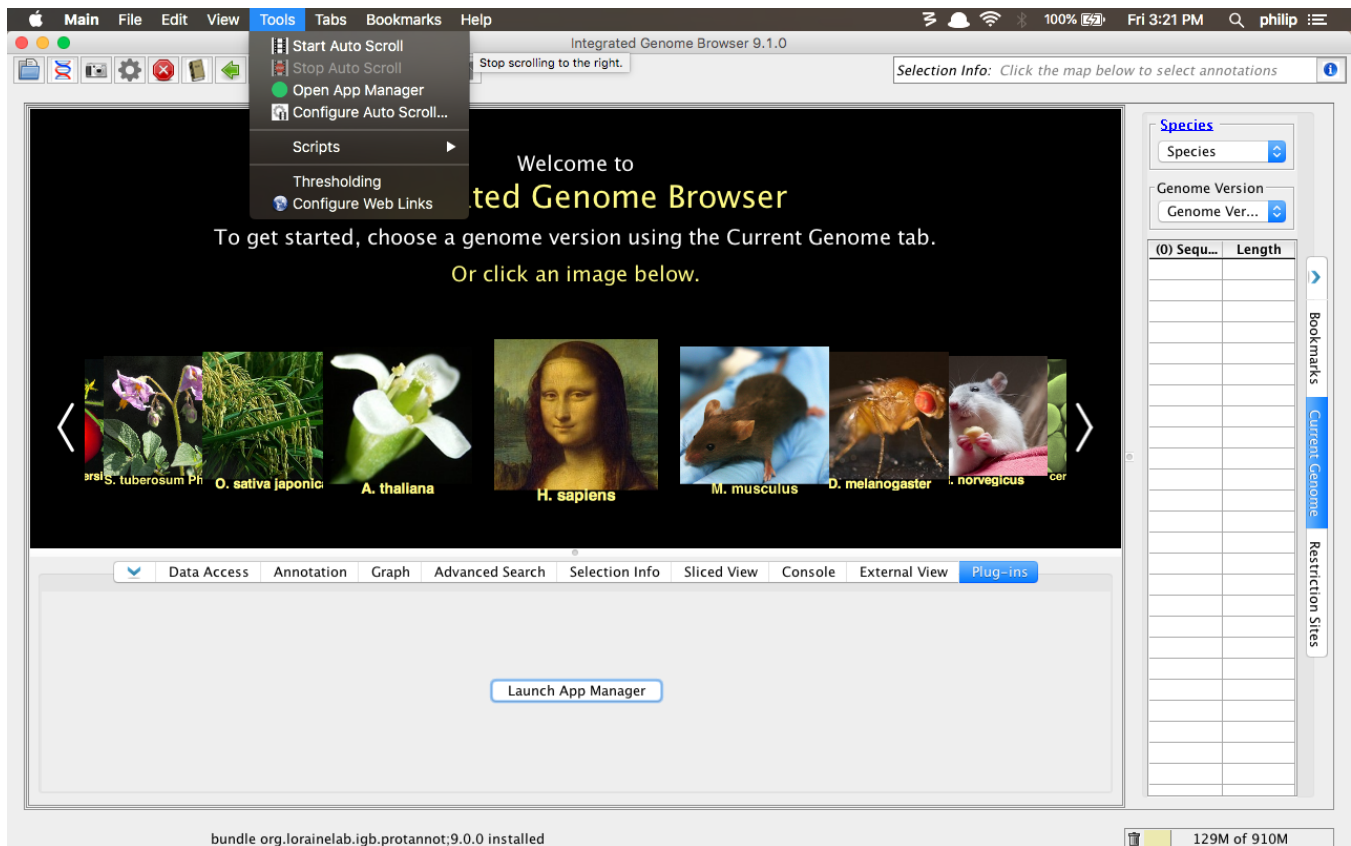Close the **IGB App Manager** and click **Tools**.

- A new **Start ProtAnnot** option appears in the **Tools** menu.

- ☑ Mac
- ☐ Windows
- ☐ Linux

1. Launch the **IGB App Manager** again.
2. Uninstall the **ProtAnnot** app.
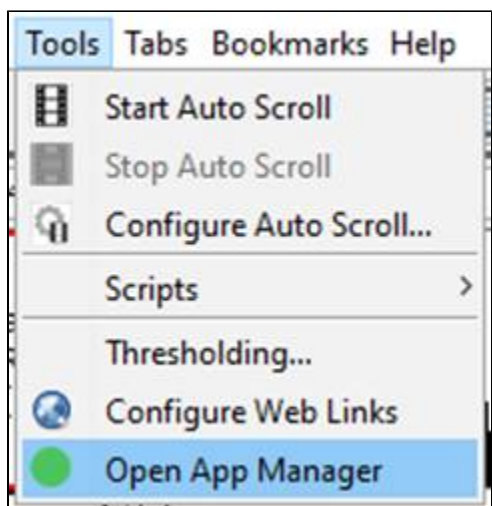3. Close the **IGB App Manager**.
4. Click **Tools**.

- The **Start ProtAnnot** option has disappeared from the **Tools** menu.

- ☑ Mac
- ☐ Windows
- ☐ Linux

Click **Open App Manager** in the **Tools** menu.

- The **IGB App Manager** opened.

- ☑ Mac
- ☐ Windows
- ☐ Linux

Select the **Command Socket** app from the list.

- The **Command Socket** app contains content in the App Manager that provides additional details about the app (this ensures that the **IGB App Manager** is using the README files appropriately).

- [x] Mac
- [ ] Windows
- [ ] Linux

1. Install the **Command Socket** app.
2. Click **Manage Repositories...** and remove checks from the checkboxes for all of the app repositories.

- The **Command Socket** app is still installed (indicated with a green dot next to the app) and the letter next to the app's name has changed to an "L" (indicating that the app is now installed locally, not from a repository).
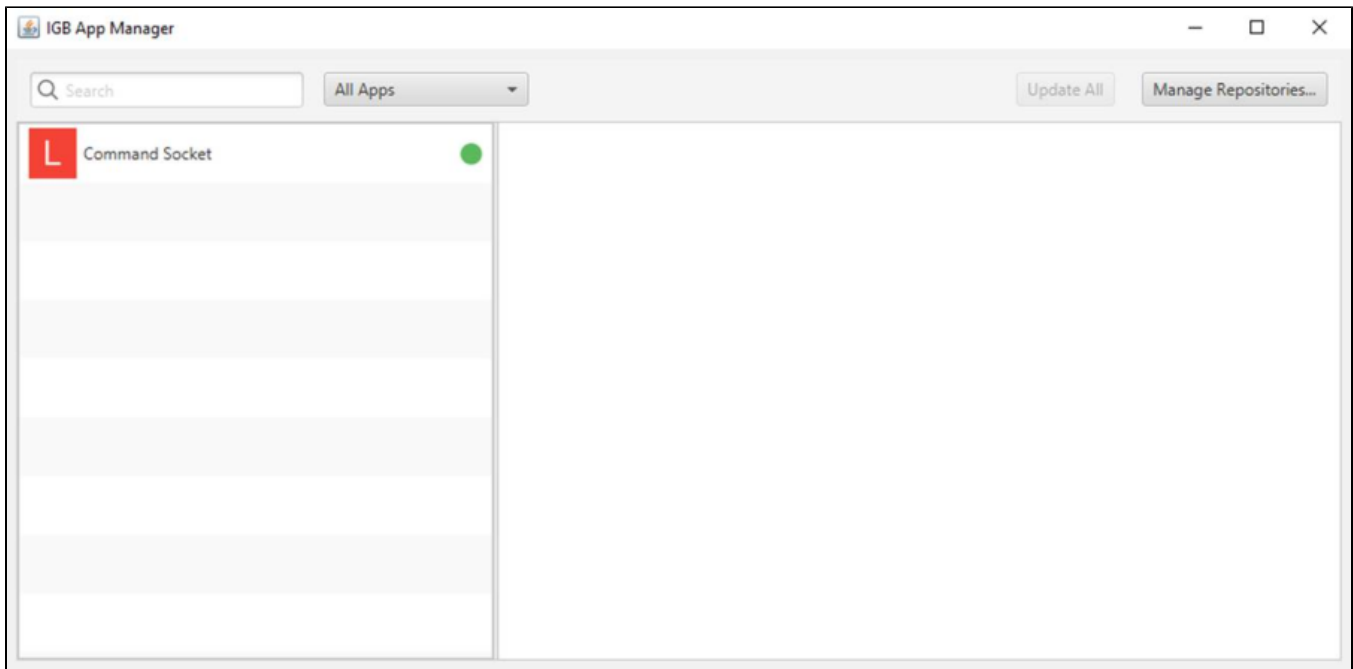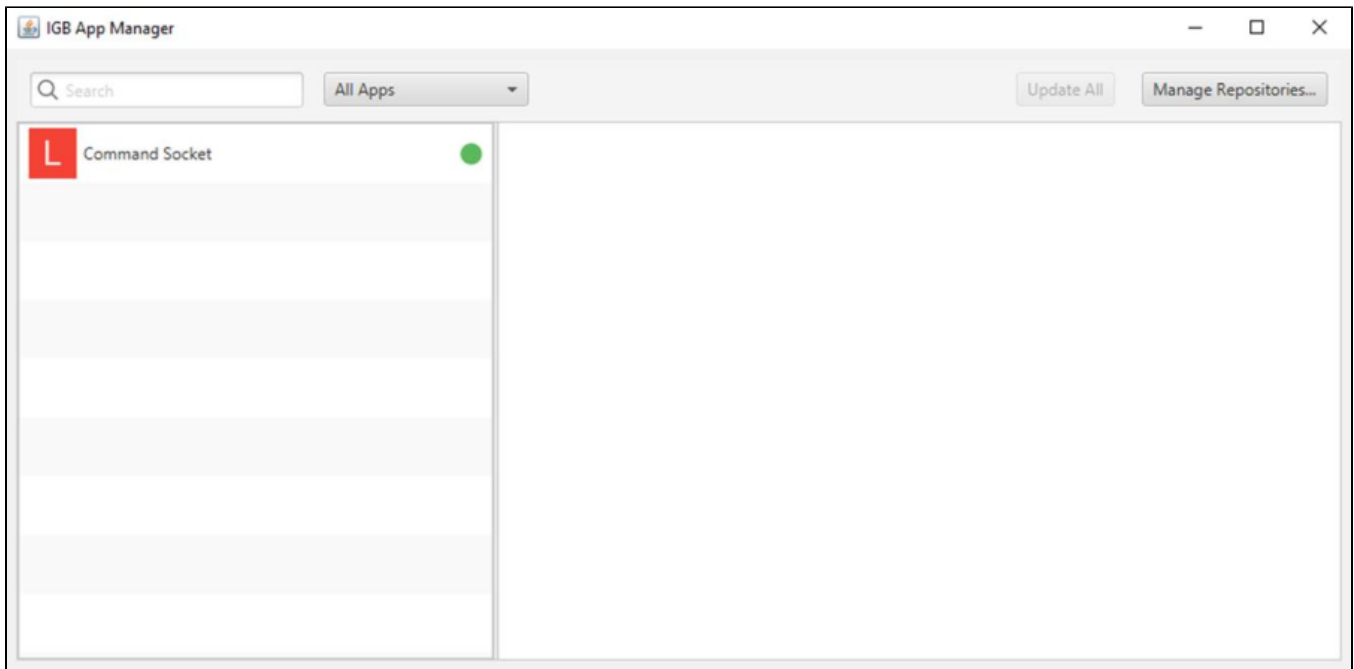
- [x] Mac
- [ ] Windows
- [ ] Linux

  - The **IGB App Manager** only lists installed apps.

- [x] Mac
- [ ] Windows
- [ ] Linux

Click **Manage Repositories...** and remove all of the app repositories from the **App Repositories** table by selecting the repository and clicking **Remove**. Click **Done**.
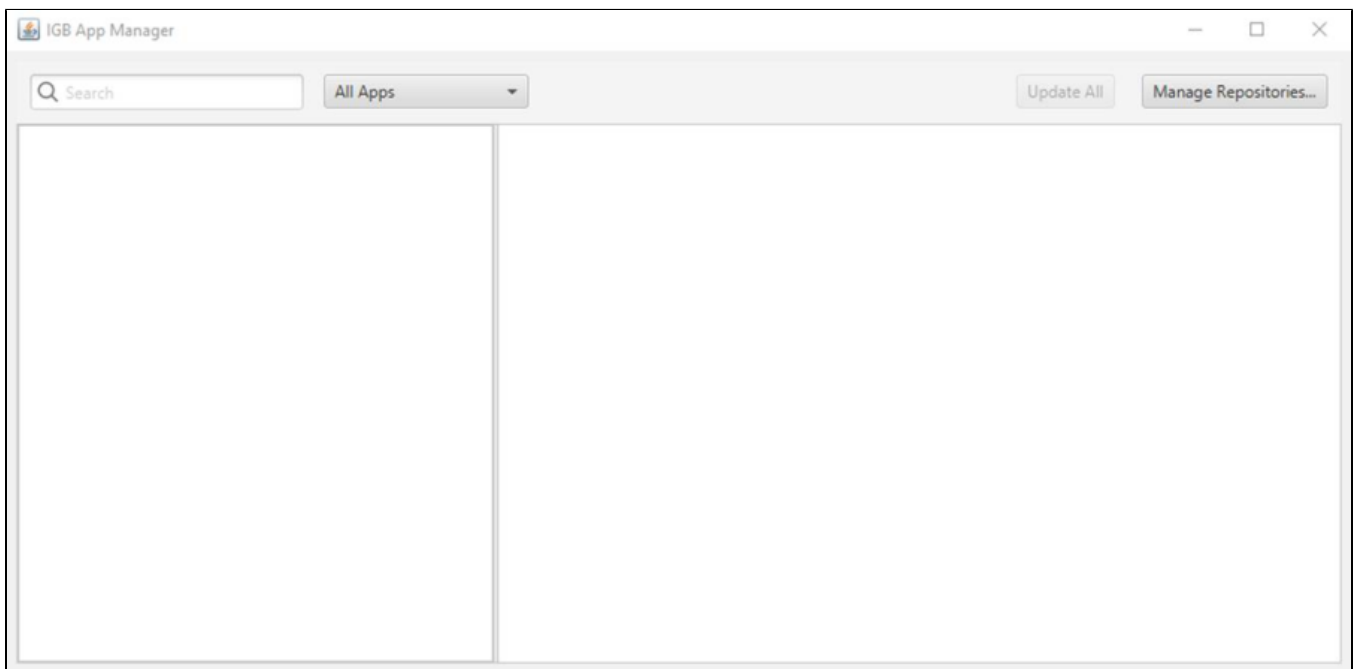
  - The **IGB App Manager** still only displays the Command Socket app.

- [x] Mac
- [ ] Windows
- [ ] Linux

Finally, uninstall the **Command Socket** app by selecting it and clicking **Uninstall**.

- The **IGB App Manager** appears empty.

- [x] Mac
- [ ] Windows
- [ ] Linux