

ASSIST v4 Installation Guide

Step 1. Unzip file (ASSIST4_2.zip) you downloaded from <http://icewatch.gina.alaska.edu/assist> to desired location on your computer. You may want to save a copy of the zip file in case you need to reinstall a clean version of ASSIST in future.

Step 2. Go into the ASSIST4 directory and choose the appropriate launch file for your computer's operating system:

launcher.linux.sh, launcher.macos.sh, or launcher.windows.bat

WINDOWS: Double-click launcher.windows.bat to begin running the program. A command box will open to launch the program.

LINUX or MAC: Run from a command prompt in a terminal.
'./launcher.macos.sh' or ./launcher.linux.sh

MAC: The terminal application can be found in Applications >Utilities >Terminal. Navigate to this in the finder and click on Terminal to launch a terminal. A window will appear with a command prompt. At the command prompt type 'cd /Downloads/ASSIST_v4-2', replacing /Downloads/ with the path you downloaded or copied ASSIST_v4-2 to. To run the launcher type './launcher.macos.sh' at the command prompt.

NOTE

If you see a command box flash and disappear (WINDOWS), or the application does not proceed to allow a web browser to open <http://localhost:8080> (LINUX/MAC) you may need to download Java. Already have Java? You likely have the wrong version required for ASSIST (Java v1.7 or higher). But first check that Java is not disabled in your web browser. Java compatibility is a known problem for some MACS where you will very likely need to install the JDK (see below).

Find out if you have a 32-bit or 64-bit version of your operating system:

LINUX: In your terminal window, type **uname -m** and hit enter. If the response is **i686**, you have a 32-bit version of Linux. If the response is **x86_64**, you have a 64-bit version of Linux.

MAC: Click on your **Apple Menu** > **About this Mac** > look at what is listed next to **Processor**. If **Intel Core Solo** or **Intel Core Duo** is listed, you have a 32-bit machine. If **Intel Core 2 Duo**, **Intel Quad- Core Xeon**, **Intel Core i5**, or **Intel Core i7** is listed, you have a 64-bit machine (Note: all Mac machines released after late 2006 are 64-bit). Unfortunately ASSISTv4 will not run on older unsupported 32-bit machines as Java does not provide upgrades to version 7 for these.

WINDOWS 10: Open **Settings** > Click/tap **System** icon > Click/tap **About** on the left hand side > Under **PC** on the right hand side you will find the **System type** listed as either 32 or 64-bit.

WINDOWS 8: Open a search box – swipe from right edge of screen and type Search, or click on lower-right corner of screen and click **Search** > Click/tap **System** > Click/tap **Settings** > Click/tap **System** > you can view the **System type** under the **System** heading.

WINDOWS 7, VISTA: Click **Start** > Right click **Computer** > **Properties**. Under **System**, you can view the **System Type**.

WINDOWS XP: Click **Start** > Right click **My Computer** > **Properties**. If you do not see x64 listed, you are running a 32-bit version of Windows XP.

Download the most recent version of Java for your machine here:
<http://www.java.com/en/download/manual.jsp>

When download and install is complete, return to **Step 2** and continue. Unless you are using a mac, then see below.

Specific to MAC: Install the Java Development Kit (JDK) <http://www.oracle.com/technetwork/java/javase/downloads/index.html>. Apple deliberately provided java version 1.5 as default for some older macosx (e.g. 10.6 (Snow Leopard) and 10.7 (Lion)) distributions. You can find out what version of java you are running by typing 'java – version' at a terminal prompt. ASSIST requires Java version 1.7 or newer. Note that Java 1.7, or later, requires macosx 10.7 (Lion) or later. To use java 1.7 navigate to Applications > Utilities > Java Preferences. Click Java SE 7. After choosing Java 1.7, return to **Step 2** and continue.

Step 3. Wait. Depending on your computer, it may take anywhere from a few seconds to five minutes to get the program running. The command prompt will read “Logging initialized” and run through script. When “Started” appears, move on to **Step 4**.

Step 4. Open a new internet browser window or tab and enter: <http://localhost:8080>

Step 5. You may now proceed with recording sea ice observations.

Thank you for using ASSIST. Your feedback is strongly encouraged. Please feel free to send us your comments and suggestions to: assist@iarc.uaf.edu.