

# How to install iWine

Instructions on how to install the software, start the data logger, and read data.

Alejandro Mac Cawley  
email: [amac@gatech.edu](mailto:amac@gatech.edu)

John J. Bartholdi, III  
email: [john.bartholdi@gatech.edu](mailto:john.bartholdi@gatech.edu)

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This document is to support a project of the Wine Supply Chain Council to measure variability in transit times and temperatures along global supply chains for wine. To learn more about the Wine Supply Chain Council and this project, please visit our web page <http://www.scl.gatech.edu/wsc>.

We distribute these instructions with an accompanying CD that contains additional documentation as well as most of the software you will need. If you do not have the CD, you download the software via the links within this document.

## Setup Hardware

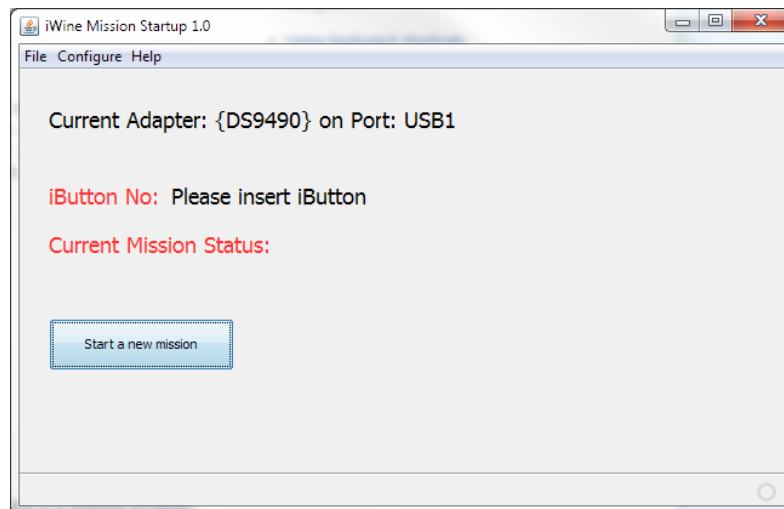
Begin by putting together the hardware: Connect the “Blue Dot Receptor” to the blue plastic USB adaptor. Snap an “iButton” into either slot of the Blue Dot Receptor. Put the hardware aside while you install the software.



# Install Software

Here you will find the first steps in installing “iWine”, the software necessary to initialize the iButton.

1. Install the JAVA™ Runtime Environment, which is in the CD under java or java x64 Bits. According to your operating system you must select the adequate installation, choosing according if it is 64 bits or 32 bits. The java folder in the CD contains the installation for the 32 bits operating systems and the java x64 Bits folder contains the 64 bit java installation.
2. Install the Windows 1-Wire Driver, which can be found in the CD under the drivers folder. Again you must select the installation according to your operating system, if it is 64 bits or 32 bits. The driver folder contains the installation for the 32 bits and the driver x64 bits folder contains the 64 bit driver installation.
3. Once you have installed java and the 1-wire drivers. Please insert the iButton reader on an open USB port and let the computer select and install the hardware.
4. When the hardware is properly working on the computer execute the iWine\_Setup and follow the instructions of the installer to install the software.
5. The installer has created a desktop icon iWine and a iWine folder in the programs. To start the software just double click on the desktop icon.
6. If the 1-wire reader is immediately detected the software window should look like the picture. If the software does not recognize the adapter go to the configure menu and select other USB ports.



7. To start a mission just insert the iButton in the adapter and press the start new mission button and wait until it indicates that the button has been initialized correctly, like shown in the picture.

