

## **SIR2008 v2.2.1 README**

The current version of SIR2008 works only on Intel-based machines under **Mac OS X 10.5.x** (Leopard) and also on **Mac OS X 10.6.x**.

Please bear in mind that this version of SIR2008 has been prepared to try to solve the problems arisen after the latest upgrade of Mac OS X (currently 10.5.8) and to start supporting Mac OS X 10.6.

To improve the quality of the release, it is very important to receive feedback from the users about any problem or incompatibility found.

To check the version of Mac OS X, click on the Apple icon (🍏) on the left of the menu bar and choose the first item, About This Mac. A small window appears containing the current version of your operating system (see below).



### **How to install SIR2008 under Mac OS X**

1. Download the latest "Sir2008 v2.2.1 (for 10.x).dmg" image file, choosing the right image for your current version of Mac OS X.
2. Double click on the file to mount the image file on the Desktop.
3. Double click on the "Gtk-Framework-2.14-LATEST.dmg" icon to mount this image file on the Desktop. Install the GTK+ 2.14 Framework by running the .mpkg installer.
4. Copy the Sir2008 folder to the Applications folder (preferably, but any other location should be suitable).
5. To run SIR2008, open the Sir2008 folder and double click on the application icon.

6. The Sir2008 folder contains the main application together with an "examples" folder containing some test structures. In case of necessity, you can delete this folder and double-click on the examples.tar.gz file to uncompress it and start again with an original "examples" folder.

### **How to reset SIR2008**

SIR2008 creates a few hidden folders in the user's home folder. It is possible to **reset the package to its original state** (i.e., just after installation) by deleting at least one of these folders.

Open the Terminal (Applications -> Utilities -> Terminal), copy the following line (without the leading dollar sign!):

```
$ cd ~ && rm -r .fontconfig/ .ilmlione/ .local/ share/
```

(note the leading dot!)

and press return. The hidden folders will be recreated automatically the next time SIR2008 is run.

### **Work structure files**

It is recommended to avoid to use the "examples" folder located in the Sir2008 folder to store important work structure files. These files should be better located somewhere in the user's home folder.

In principle, the structure files used by SIR2008 (i.e., the .sir, .hkl, .ins, etc. files) can reside in any folder. For compatibility problems with other applications, it is however preferable to avoid to have blanks in the folder/file names or to have too many nested folders.

*For any problems with the Mac OS X port, please contact me at the following e-mail: [sabino.maggi@ic.cnr.it](mailto:sabino.maggi@ic.cnr.it) or post a message on our Forums at <http://wwwba.ic.cnr.it>.*