

Sacramento Mountains Spectroscopy Workshop - *Software Installation*

Note: ALL software runs on Windows only!

Install ISIS

- Create a new folder under your userid called “isis” (e.g., C:\Users\ken\isis)
- Go to <http://www.astrosurf.com/buil/isis-software.html>
- Click on ISIS_5_9_3.ZIP to download the ZIP file
- Copy ISIS_5_9_3.ZIP from your Downloads folder to your “isis” folder (e.g., C:\Users\ken\isis)
- Right click on the zip file and choose “Extract All...”
- You will now have a sub-folder under your “isis” folder named “isis_5_9_3”
- Go into your “isis_5_9_3” sub-folder and right click on the file named “isis” (Type=Application) and choose “Create shortcut”
- Copy the “isis – Shortcut” file to your desktop

Set the language to English

- Double click on the ISIS icon on your desktop to run the program
- Open the Configuration tab and under “Langue” select “Anglais”
- Quit ISIS
- Restart ISIS (the language won’t switch to English unless you exit ISIS and restart it)

Install and configure the ISIS spectral database

- Create a new folder called C:\isis_data
- If you aren’t already there, go to <http://www.astrosurf.com/buil/isis-software.html>
- Under the heading “New Features of revision 5.9.3” on the right side of the page, click on the “ISIS database v7” link and download the isis_database_v7.zip file
- Copy the isis_database_v7.zip file from your Downloads folder to C:\isis_data
- Right click on isis_database_v7.zip and choose “Extract All...”
- You will now have a folder called “C:\isis_data\isis_database_v7”
- Run ISIS (if it’s not already running) and go to the Settings tab
- Under the “Spectral database directory” heading click on the “...” box and choose C:\isis_data\isis_database_v7
- Quit ISIS
- Restart ISIS

Install and configure Gnuplot

- Create a new folder called C:\gnuplot
- Go to <https://sourceforge.net/projects/gnuplot/files/gnuplot/4.6.7/> (if you have trouble getting this link to work, try copying the link and pasting it into your browser)
- Download gp467-win32-mingw.zip (Only choose this file – do **NOT** use any other version!)

- Copy gp467-win32-mingw.zip from your Downloads folder to C:\gnuplot
- Right click on gp467-win32-mingw.zip and choose “Extract All...” - this will create a folder called C:\gnuplot\gp467-win32-mingw\gnuplot
- Go to <http://www.smswweb.com>
- Go to the “Software Install” page
- Click on the gnu_files.zip link to download the gnu_files.zip file
- Go to your Downloads folder
- Right click on gnu_files.zip and choose “Extract All...” – a gnu_files sub-folder will be created
- Go into the gnu_files sub-folder and copy all 3 files (std.gnu, std2.gnu and std2y.gnu) to C:\gnuplot\gp467-win32-mingw\gnuplot
- Run isis (if it’s not already running) and go to the Settings tab
- Under the “GNU PLOT software directory” heading click on the “...” box and choose C:\gnuplot\gp467-win32-mingw\gnuplot
- Quit ISIS

Install the List Files

- Go to <http://www.smswweb.com>
- Go to the “Software Install” page
- Click on the list_files.zip link to download the list_files.zip file
- Go to the Downloads folder
- Right click on list_files.zip and choose “Extract All...” – a list_files sub-folder will be created
- Go into the list_files sub-folder and copy all 3 files (list_instru.txt, list_obs.tx and list_observer.txt) to your isis sub-folder (e.g., C:\Users\ken\isis\isis_5_9_3)
- Use a text editor (e.g., Notepad) to modify your list files (if it isn’t immediately obvious how to do this don’t worry – we can work on this during Friday’s workshop session)
- Start ISIS (if it’s already running stop it and then restart it)

Install the Bulk Rename Utility

- Go to <https://www.bulkrenameutility.co.uk/Download.php> (if you have trouble getting this link to work, try copying the link and pasting it into your browser)
- Click on the “Download Bulk Rename Utility” icon
- Go to your Downloads folder
- Double-click on the BRU_setup_3.0.0.1.exe file and follow the prompts

Congratulations! You’re done!