



An introduction to the SalsaJ software package

Plotting profiles:

1. Launch SalsaJ
2. Open cat.fits or house_front.jpg
3. Rotate the image:
Operations > Rotate > Flip Vertically
4. Play with the colour tables for the image:
Image > Lookup Tables >
5. Zoom in/out of the image using the magnifying glass
6. Look at the x, y and intensity values on the menu bar of SalsaJ
7. Zoom out of the image and choose the line tool
8. Draw a line across the ears of the kitten/windows of the house and plot the profile:
Analyse > Plot profile
9. Now open the Moon and Sun images and plot a profile across them. How do they differ?
10. For the Sun image, plot your line across some of the sunspots. What do you see in the profile?

Making animations

1. Open the Sun or asteroid files
2. Change the brightness/contrast of your images:
Image > Adjust... > Brightness/Contrast
3. Tile your windows:
Window > Tile
4. Convert your images to a stack:
Image > Stacks > Convert Images to Stack
5. Play your animation:
Image > Stacks > Start Animation
6. Adjust the animation speed:
Image > Stacks > Animation Options