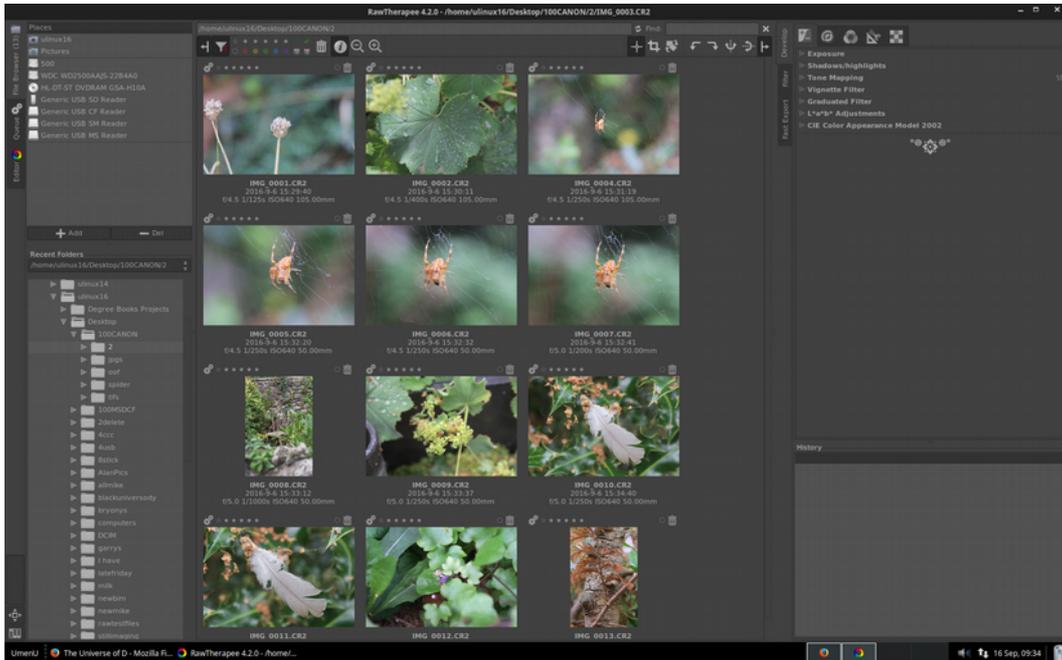


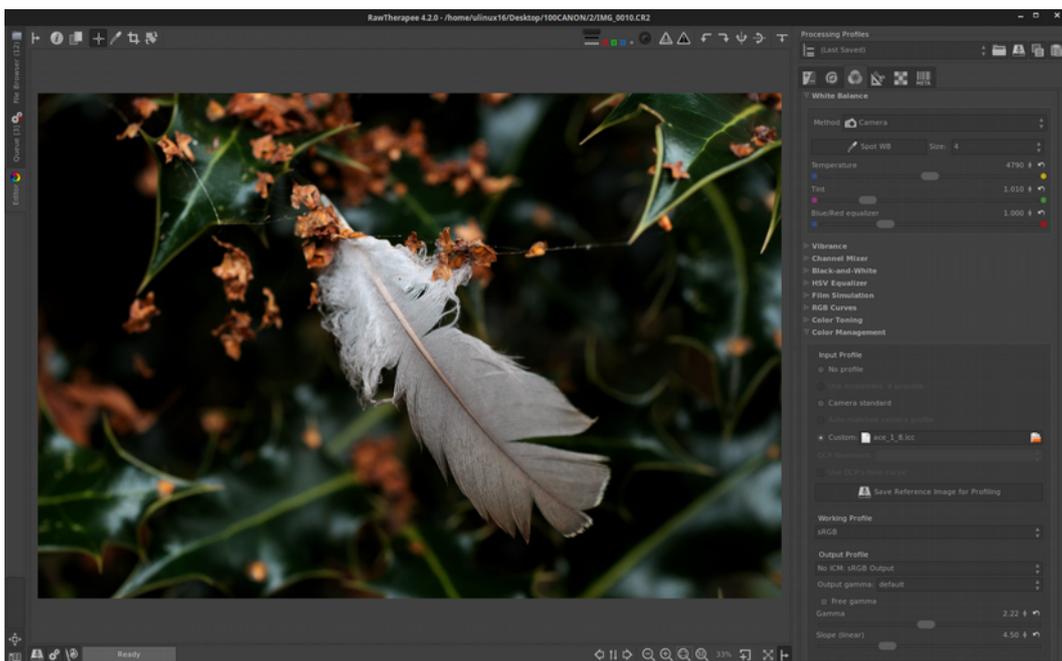
Raw work-flow using RawTherapee

Rawtherapee is an Open Source Software raw imaging program which can be used to open camera raw files that can then be either saved as tif, png or jpg files or exported to an image manipulation program such as Gimp or Photoshop.



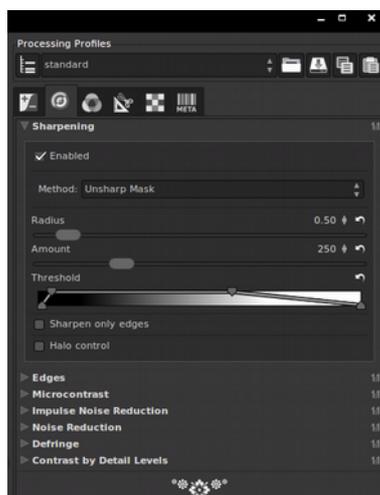
Open RawTherapee and find the folder with the images you want to work on.

Double click on an image and it will show you a larger view of that image. You can hide the thumbnail panel and the left hand dialogues.



Adjusting the image in RawTherapee

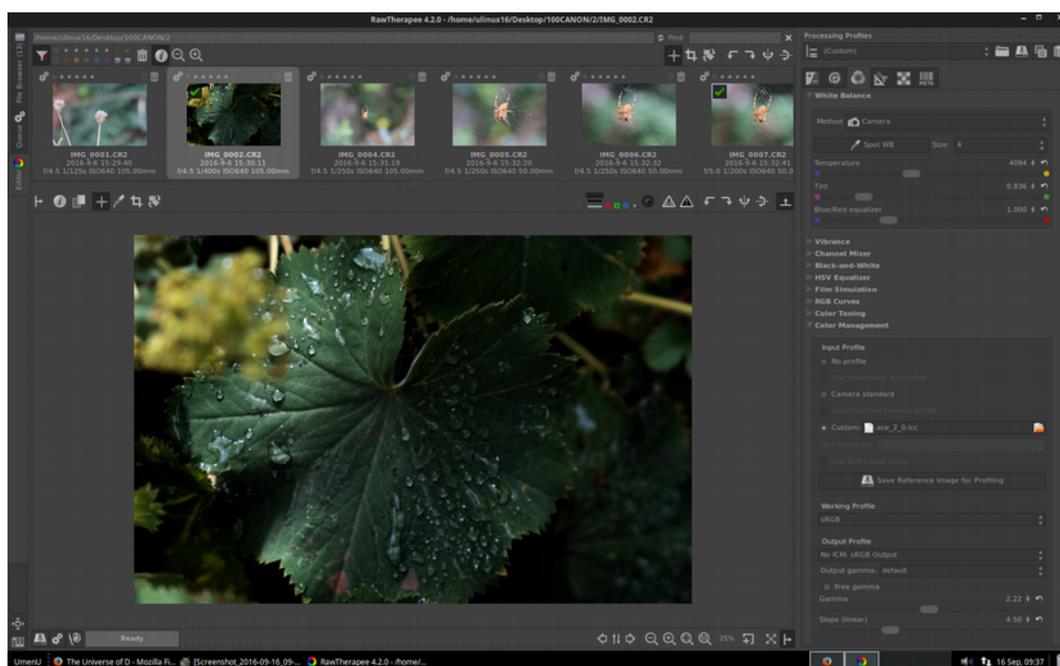
On the top right of the screen there are a number of tabs which allow you to adjust the settings for that image.



The first tab is about exposure, you can adjust the exposure, the contrast, the colour saturation, the highlight recovery and the black point, there is also an option for auto exposure.

The second tab allows you to control detail, sharpening, noise reduction etc.

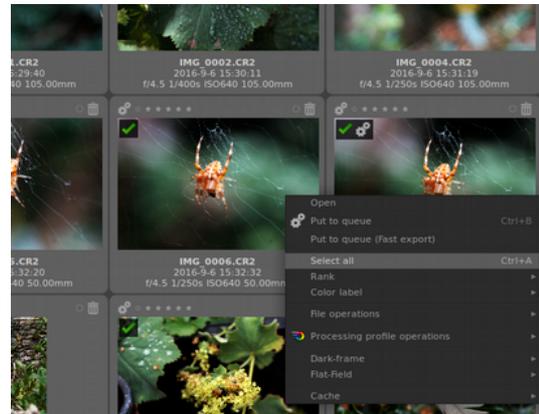
The third tab is about colour management. This gives you access to the white balance or colour temperature and a number of other parameters. There is also an option for input profile which allows you to choose the profile. If the camera is understood by RawTherapee (it has a profile for that camera) it will default to using it but you can override this if you have alternative profiles installed on your computer.



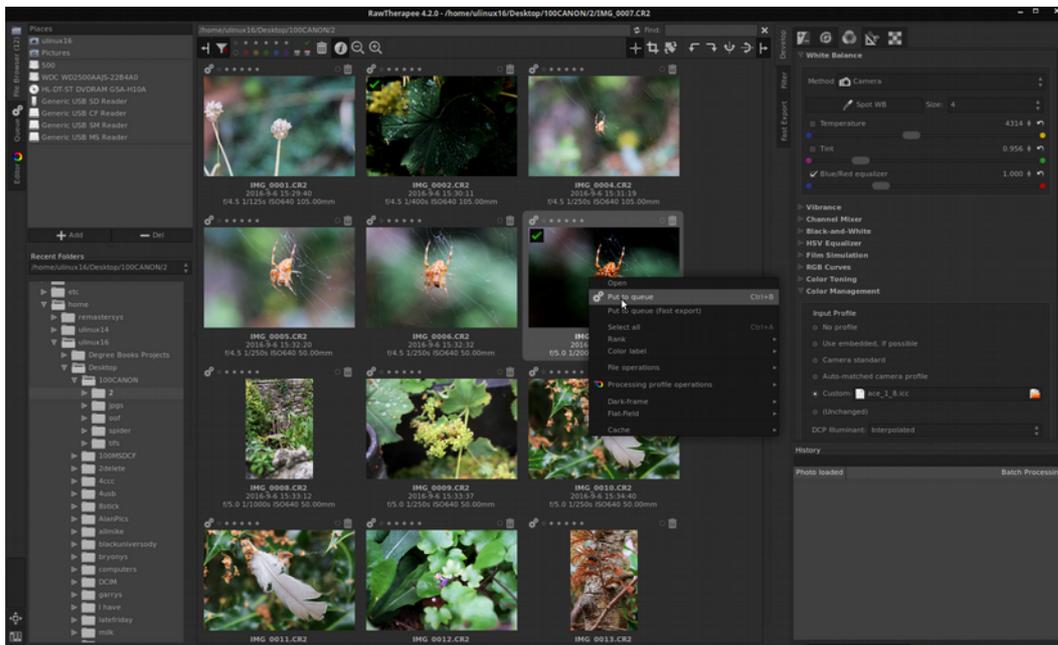
Individual images can then be exported as tif, png or jpg files using the save icon (hard disk with arrow) in the bottom left hand corner of the screen or can be loaded into an image manipulation program such as gimp or photoshop using the export icon (brush and pallet) to the right of it . You will need to set the preferences for saving and exporting using the 'slider' icon.



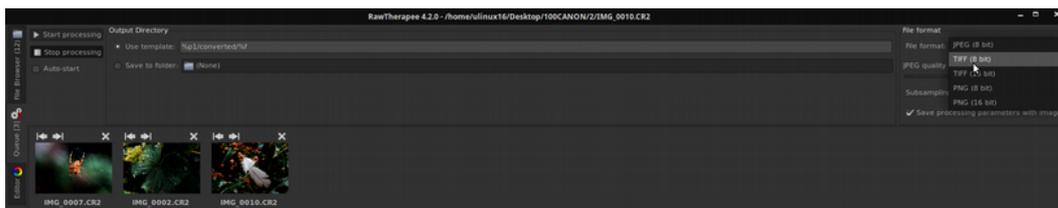
To carry out the same adjustment to all images, right click on the main window and select all, make adjustments using the tabs on the right hand side of the screen for exposure , colour management etc. when adjustments have been made, then right click and put to queue.



To convert multiple images, first adjust them, you will see a green tick in the corner of the image when adjustments have been made, then right click and put to queue.

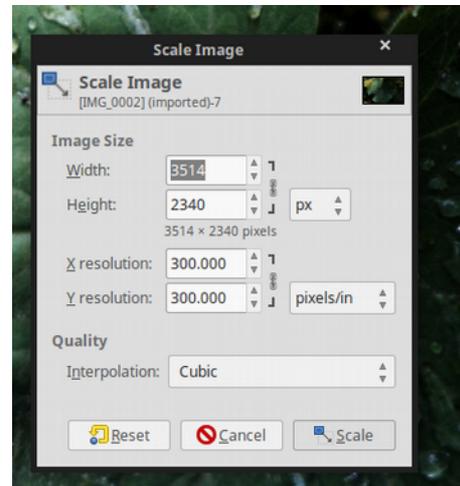
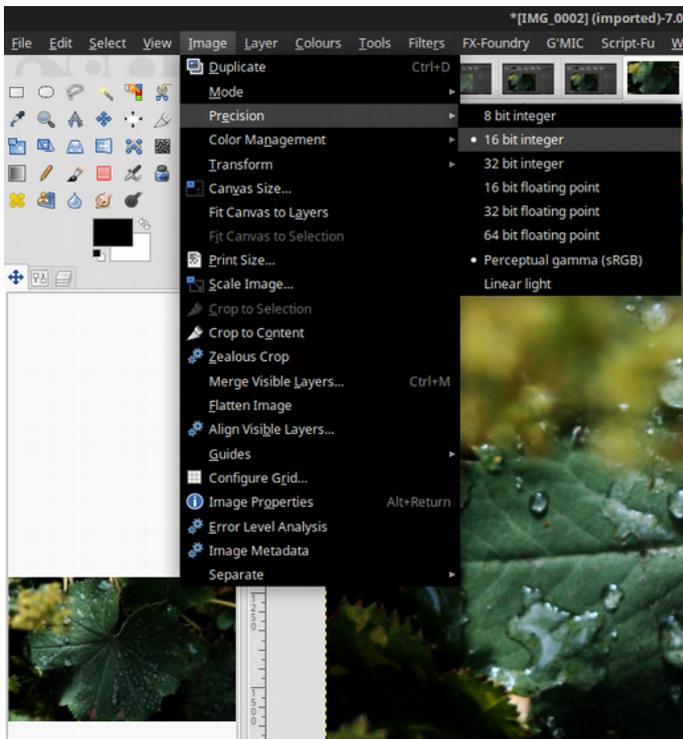


Switch to the queue tab on the left of the screen, choose the destination and the file type for output and click on 'Start processing'. The images will disappear from the queue window and be saved in the destination folder. You can then open them in your image manipulation program of choice.



Once loaded into Gimp or Photoshop the image can be worked on in the same way as any other image.

I prefer to export the images as 16 bit files at 300 dpi (ppi) you can change this in the preferences.



RawTherapee is a cross-platform raw image processing program, released under the GNU General Public License Version 3. There are versions to run on Linux, Windows and OSX.

RawTherapee involves the concept of non-destructive editing, similar to that of some other raw conversion software. Adjustments made by the user are immediately reflected in the preview image, though they are not physically applied to the opened image but the parameters are saved to a separate sidecar file. These adjustments are then applied during the export process.

RawTherapee provides the user with a file browser, a queue, and an image editing tab.

<http://rawtherapee.com/downloads>