

Tutorial 11

Import Raw Data

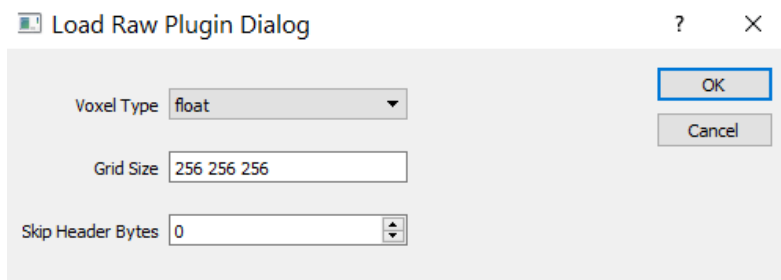
Open Drishti Import.

Drag and drop **256_256_256.raw** in Drishti Import.

Select option **8 : RAW Files** from the drop down file types list.

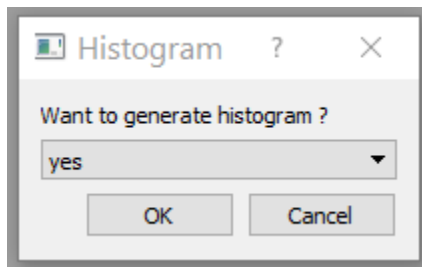
Another way to load data - **Files->Load->RAW Files**

You should get the following screen

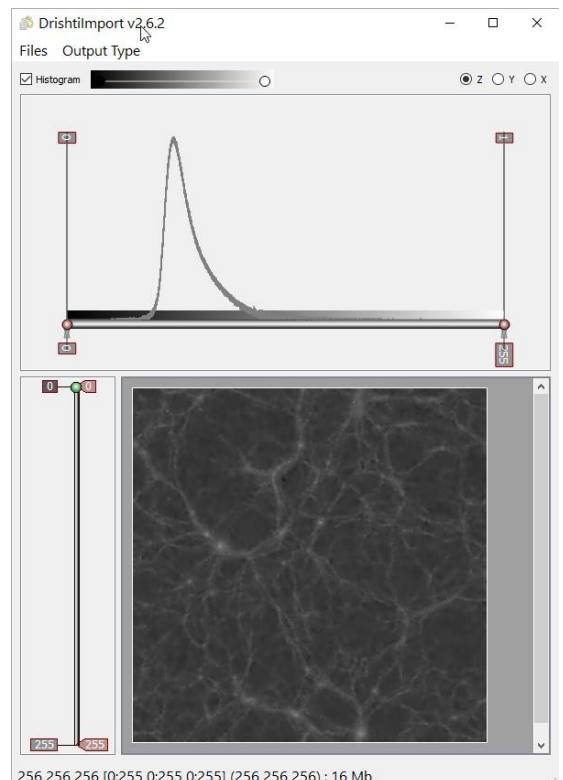


Press OK to continue to the next step.

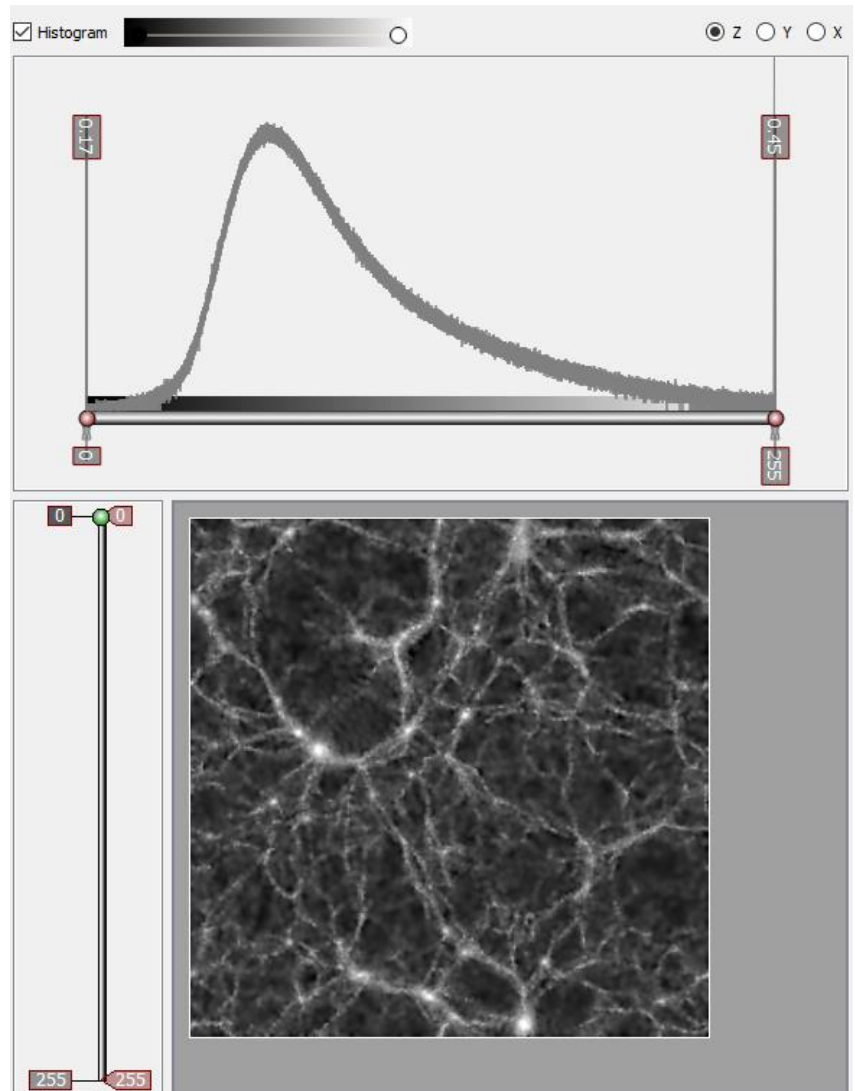
Press OK to generate histogram.



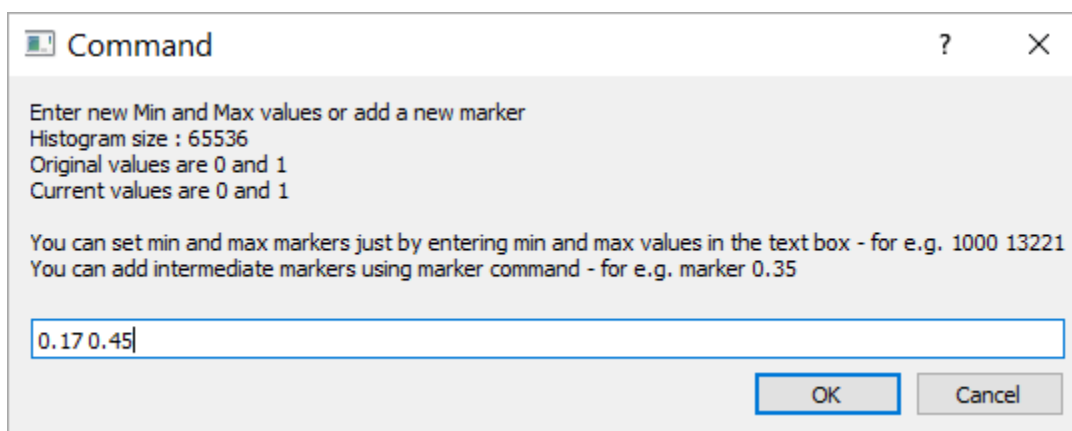
The importer will generate the histogram and show it at the top of the window. At the bottom will be shown the first slice of the data.



Move the end markers so that lower limit is around 0.17 and upper limit is around 0.45. These values will be mapped to 0 and 256 respectively. We change the limits in order to increase the contrast of in data.



There is another way to change the lower and upper limits. Move the mouse cursor into the histogram window and press spacebar. This will bring up a dialog window. Enter required values in the text box.



Command

Enter new Min and Max values or add a new marker
Histogram size : 65536
Original values are 0 and 1
Current values are 0 and 1

You can set min and max markers just by entering min and max values in the text box - for e.g. 1000 13221
You can add intermediate markers using marker command - for e.g. marker 0.35

0.17 0.45

OK Cancel

These are end limit markers. Additional markers can be added either by *marker* command or by left clicking on the histogram bottom line. These additional markers can be removed by right clicking on them. The markers can be moved in order to increase/decrease contrast in the processed volume.

Press **s** (**Files->Save As**) to process and save the volume.

Choose the processed volume file name as **cosmo.pvl.nc**