Subject: IDL for Windows and MAC...
Posted by mauricio_maur19 on Thu, 27 Sep 2001 06:20:08 GMT

Hi:

   Sometime ago, I created an image processing software using IDL 5.2
for Windows... That simple widget software, reads a DICOM image (lung
CT images; 2 bytes per pixel), displays it, you could change the color
palette (I used xcolors.pro of David Fanning), and it computes some
statistics from a ROI selected in the image (I used CW_DEFROI
procedure to define the ROI)... That statistics are, for example, the
histogram in a fixed interval, and other values computed with it...
That software in Windows runs very well...

  I tried to ran my software using IDL 5.2 for MAC (in a iMAC
computer), but it didn't work ok... It read and displayed the image
well, the ROI is created well... but all the statistics that it
computed, was wrong... The histogram, etc, etc. was wrong... There
exist a problem with little endian-big endian ?... Besides, I tested
an "!ORDER = 1" at the beginning of the software... Then, obviously
the software shows the images rotated, but for what reason if I define
a ROI in the same relative position that with !ORDER = 0, my software
computes different values ?...

  Please, send me the answer, urgently...

  Thanks in advance...

Mauricio Costa