Subject: How to read 16-bit UNSIGNED data
Posted by knipp on Fri, 18 Feb 1994 13:51:46 GMT
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I have to read image data which are written as 16 Bit per Pixel,
UNSIGNED and with a range of 0 to 65535.

INTEGER Variable in IDL are defined to range from -32767 to 32768.

Is the following way to read the data correct?

```
OPENR, UNI, FILE, /GET
I = ASSOC(UNI, INTARR(WIDTH,ROW),OFFSET)
IMA = I(0)
FREE_LUN, UNI

IMA2 = LONG(IMA)
POS = WHERE(IMA2 LT 0)
IF  POS(0) NE -1  THEN IMA2(POS) = IMA2(POS) + 65535L
```

Karl


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```