Dear all,

I am trying to write a code in which an ENVI format image with multi-bands is opened and the associated ROI file is restored. I want to get the data of each class from the image. I have three classes and for each class I want to create an array with number of columns equal to the number of bands and number of lines equal to the number of selected pixels of the ROI (class). My code looks like:

```
;Open and read the all-band file
ENVI_OPEN_FILE, Inputbands, R_FID = FID, NO_REALIZE = 1

;Read the header of the data image file
ENVI_FILE_QUERY, fid, ns = ns, nl = nl, nb = nb

; Restore the pre saved regions of interest.
envi_restore_rois, InputROI
roi_ids = envi_get_roi_ids(fid=fid, roi_colors=roi_colors, roi_names=class_names)

Result = ENVI_GET_ROI_DATA(roi_ids, FID=FID)
```

However, when I run the code I get the following error:

```
% Expression must be a scalar or 1 element array in this context: <BYTE      Array[3]>.
% Execution halted at: ENVI_ROI_ID_VALID  247
%                ENVI_GET_ROI_DATA  908
%                $MAIN$
```

Can you please help? Your efforts are appreciated!!