Subject: Re: Help with code for hyperspectral image analysis
Posted by Klemen on Wed, 20 Jun 2012 17:57:06 GMT
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Try this, I didn't test it...
Cheers, Klemen

```
pro envi_masking_image

;select your image file

;Get your file
image=dialog_pickfile()

;check to see if valid for ENVI
envi_open_file, image, r_fid=fid

;learn about the image
ENVI_FILE_QUERY, fid, ns=ns, nl=nl, nb=nb, data_type=data_type
help, data_type

;build array based on data type
data_holder=intarr(ns, nb, nl)

;make a mask
f = ENVI_GET_DATA(fid=fid, dims=dims, pos=140)
indx = where(f LT 40, count)

;applay the mask to all bands
if count gt 0 then begin
  for i=0,nb-1 do begin
    f = ENVI_GET_DATA(fid=fid, dims=dims, pos=i
    f[indx] = 0
    data_holder[*,i,*] = f
  endfor
endif

;write out the result as an envi file
envi_write_envi_file, data_holder, out_name='masktest'


end
```