
Subject: Re: envi_output_to_external_format - jpeg output not working

Posted by [Jean H.](#) on Wed, 06 May 2009 19:48:24 GMT

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hethomas wrote:

```
> I know similar things have been posted before with regard to Tiff
> files, but I really need Jpegs. The closest I can get is for a grey
> scale (presumably one band) jpeg to be output. Most things I try
> produce a jpeg file, which won't display (except in ENVI).
> Any ideas?
> Here is my code:
>
>   envi_doit, 'decor_doit', fid=t_fid,
>   pos=pos, dims=dims, out_name=out_name, r_fid=r_fid, $
>   out_bname=['Band 14', 'Band 13', 'Band 10']
>
>   cd, RGBfolder
>
>   envi_file_query, r_fid, ns=ns, nl=nl, nb=nb
>   dims = [-1l, 0, ns-1, 0, nl-1]
>   pos = lindgen(nb)
>   out_namethree = 'RGB-'+filename
>
>
>   envi_doit, 'stretch_doit', $
>   fid=r_fid, pos=pos, dims=dims, $
>   method=1, out_name=out_namethree, $
>   i_min=2.0, i_max=98.0, range_by=0, $
>   out_min=0, out_max=255, out_dt=1, $
>   r_fid=sfid
>
>   envi_output_to_external_format, fid=sfid, dims=dims, pos=pos, $
>   out_name='outputfile.jpg', /JP2
>
> Thanks in advance!
>
> Helen
```

Hi Helen,

for this task, I use the following command, in IDL:

```
write_image, outputFileName, 'JPEG', data, (header.lookup)[0,*], $
  (header.lookup)[1,*], (header.lookup)[2,*], quality = 100, order = 1
```

You can get access to the lookup table from an existing file via
envi_file_query... or just pass your own RGB triplet (R then G then B)

Jean

Subject: Re: envi_output_to_external_format - jpeg output not working

Posted by [hethomas](#) on Fri, 08 May 2009 08:32:08 GMT

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Thanks Jean - that was really helpful. I ended up actually using
write_jpeg in the end, but it's pretty similar!

Helen
