
Subject: ION script - true colour

Posted by [greg michael](#) on Mon, 10 Apr 2006 17:15:24 GMT

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Is it possible to use true colour with ION script? My program make an RGB output which ION handles like this...

```
IDL> set_plot, 'Z'
```

```
IDL> device, SET_RESOLUTION=[320,256]
```

...code...

```
IDL> ion__img = tvrd()
```

```
IDL> tvlct, ion__r, ion__g, ion__b, /GET
```

```
IDL> ion__tmp = bytarr(3, 320, 256)
```

```
IDL> ion__tmp[0, *, *] = ion__r[ion__img]
```

```
IDL> ion__tmp[1, *, *] = ion__g[ion__img]
```

```
IDL> ion__tmp[2, *, *] = ion__b[ion__img]
```

```
IDL> ion__img = ion__tmp
```

```
IDL> !QUIET = 1
```

```
IDL> write_jpeg, 'C:\DOCUME~1\ADMINI~1\LOCALS~1\Temp\ion1452.jpg',  
ion__img, TRUE=1
```

which is assuming that I'm using a colour table. Comes out b/w. You can choose between png8, png24 and jpeg24, but they all do the same. Don't seem to be any true options for the ION_IMAGE tag.

regards,
Greg
