
Subject: Re: Writ 2 KML

Posted by [Juggernaut](#) on Tue, 11 Oct 2011 17:39:41 GMT

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On Oct 11, 8:22 am, Dave Poreh <d.po...@gmail.com> wrote:

> Folks

> I have some lat-lon data:

> 32.8750 81.1250 0.605627
> 33.1250 81.1250 0.399374
> 33.3750 81.1250 0.0303652
> 33.6250 81.1250 0.316388
> 33.8750 81.1250 0.890325
> 34.1250 81.1250 0.655311
> 34.3750 81.1250 0.206403
> 34.6250 81.1250 0.763451
> 34.8750 81.1250 0.348398
> 18.1250 80.8750 0.675116
> 27.1250 80.8750 0.964568
> 27.3750 80.8750 0.778064
> 27.6250 80.8750 0.955975
> 27.8750 80.8750 0.133582
> 28.1250 80.8750 0.404562
> 28.3750 80.8750 0.433196
> 28.6250 80.8750 0.0806251
> 28.8750 80.8750 0.542687
> 29.1250 80.8750 0.652463
> 29.3750 80.8750 0.770775
> 29.6250 80.8750 0.111308
> 29.8750 80.8750 0.655011
> 30.1250 80.8750 0.500324
> 30.3750 80.8750 0.0229989
> 30.6250 80.8750 0.731347
> 30.8750 80.8750 0.473572
> 31.1250 80.8750 0.952659
> and i want to show these data lat-lon on google earth (3rd column is
> intensity) with different colors. is there any IDL way that i could do
> this?
> Cheers,
> Dave

You'll need to simply make a basic kml document with a bunch of placemarks representing each point. For each placemark translate your intensity into a color value of your choosing represented by the <color> tag in kml. You'll need to have a intensity to color transformation and just for loop your way through writing out each Placemark tag...basic construct..

<?xml version="1.0" encoding="UTF-8"?>

```
<kml xmlns="http://www.opengis.net/kml/2.2" xmlns:gx="http://www.google.com/kml/ext/2.2">
<Document>
<name>Test Multi-Color</name>
<Folder>
<Placemark>
<Style>
<IconStyle>
<color>ffff0000</color>
<colorMode>normal</colorMode>
</IconStyle>
</Style>
<Point>
<coordinates>-90.86948943473118,48.25450093195546,0</coordinates >
</Point>
</Placemark>
<Placemark>
<Style>
<IconStyle>
<color>ff00ff00</color>
<colorMode>normal</colorMode>
</IconStyle>
</Style>
<Point>
<coordinates>-91.86948943473118,48.25450093195546,0</coordinates >
</Point>
</Placemark>
<Placemark>
<Style>
<IconStyle>
<color>ff0000ff</color>
<colorMode>normal</colorMode>
</IconStyle>
</Style>
<Point>
<coordinates>-92.86948943473118,48.25450093195546,0</coordinates >
</Point>
</Placemark>
</Folder>
</Document>
</kml>
```

Subject: Re: Writ 2 KML

Posted by [pentead0](#) on Tue, 11 Oct 2011 19:46:26 GMT

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I put your data into a text file, and, adapting from the example in

the help, did

```
a=(read_ascii('testkml.txt')).(0)
p=plot([0,0],/
nodata,xrange=[-180,180],yrange=[-90,90],map_projection='equ irectangular')
poly=polyline(a[0:1,*], /data, color='red', name='testkml.txt',
thick=2.)
p.save,'test.kml'
```

And got a file that seems to work in Google Earth. But I do not know how to do it with variable colors (do not even know if Google Earth supports it in a line).

Subject: Re: Writ 2 KML

Posted by [d.poreh](#) on Wed, 12 Oct 2011 09:14:23 GMT

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On Oct 11, 9:46 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

```
> I put your data into a text file, and, adapting from the example in
> the help, did
>
> a=(read_ascii('testkml.txt')).(0)
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> thick=2.)
> p.save,'test.kml'
>
> And got a file that seems to work in Google Earth. But I do not know
> how to do it with variable colors (do not even know if Google Earth
> supports it in a line).
```

Thanks Paulo,

i think it works just in 8.1 and i am using 8.0. do you have any other suggestion to do with 8.0?

Cheers,

Dave

Subject: Re: Writ 2 KML

Posted by [d.poreh](#) on Fri, 14 Oct 2011 12:04:36 GMT

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On Oct 12, 11:14 am, Dave Poreh <d.po...@gmail.com> wrote:

```
> On Oct 11, 9:46 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:
>
```

```
>> I put your data into a text file, and, adapting from the example in
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>
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>> p=plot([0,0],/
>> nodata,xrange=[-180,180],yrange=[-90,90],map_projection='equ irectangular')
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>> thick=2.)
>> p.save,'test.kml'
>
>> And got a file that seems to work in Google Earth. But I do not know
>> how to do it with variable colors (do not even know if Google Earth
>> supports it in a line).
>
> Thanks Paulo,
> i think it works just in 8.1 and i am using 8.0. do you have any other
> suggestion to do with 8.0?
> Cheers,
> Dave
```

Actually i can write my data to kml file (<http://imageshack.us/photo/my-images/26/999ke.jpg/>). but i need to color them too with different color.

Cheers,
Dave

Subject: Re: Writ 2 KML

Posted by [d.poreh](#) on Fri, 14 Oct 2011 12:06:50 GMT

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On Oct 12, 11:14 am, Dave Poreh <d.po...@gmail.com> wrote:

> On Oct 11, 9:46 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

```
>
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>> And got a file that seems to work in Google Earth. But I do not know
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> Thanks Paulo,
> i think it works just in 8.1 and i am using 8.0. do you have any other
> suggestion to do with 8.0?
> Cheers,
> Dave

Actually i can write my data to kml (<http://imageshack.us/photo/my-images/26/999ke.jpg/>), but i need to color my data too.

Cheers,
Dave
