
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 [penteado](#) 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)
> 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).
```

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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>
>> a=(read_ascii('testkml.txt')).(0)
>> p=plot([0,0],/
>> nodata,xrange=[-180,180],yrange=[-90,90],map_projection='equi-rectangular')
>> 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).
>
> 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:
>
>> I put your data into a text file, and, adapting from the example in
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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
