
Subject: Re: Creating KML error

Posted by chris_torrence@NOSPAM on Mon, 20 Jul 2015 18:20:56 GMT

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On Wednesday, July 15, 2015 at 12:49:26 PM UTC-6, Michael Galloy wrote:

> On 7/15/15 7:38 AM, nata wrote:

>> Hi guys,

>>

>> What am I doing wrong:

>>

>> plot=plot([!values.f_nan],[!values.f_nan], xrange=[-50,-40], yrange=[70,80])

>> ax = plot.axes

>> ax[0].hide = 1

>> ax[1].hide = 1

>> ax[2].hide = 1

>> ax[3].hide = 1

>>

>> poly=polygon([-47,-43,-43,-47,-47],[72.5,72.5,77.5,77.5,72.5],/data,color='black')

>> poly.save, 'square.kml'

>>

>> % SAVE: Error writing file Expression must be a structure in this context:

>> SMAP.

>>

>> Even when I try "plot.save, 'square.kml'" I get the same error...

>>

>> help, !version, /str

>> ** Structure !VERSION, 8 tags, length=104, data length=100:

>> ARCH STRING 'x86_64'

>> OS STRING 'linux'

>> OS_FAMILY STRING 'unix'

>> OS_NAME STRING 'linux'

>> RELEASE STRING '8.4'

>> BUILD_DATE STRING 'Sep 27 2014'

>> MEMORY_BITS INT 64

>> FILE_OFFSET_BITS

>> INT 64

>>

>> Thank you in advance for your help,

>> nata

>

> I'm not sure, but it would make sense to me if KML/KMZ output was only
> available from MAP.

>

> In any case, a better error message would be useful.

>

> Mike

> --

> Michael Galloy

> www.michaelgalloy.com
> Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

Okay, this is now fixed. If you want to apply the patch yourself, just open up
`lib/itools/components/idlitwritekml__define.pro`

Around line 825, change:

```
if(~isZ) then begin  
to:  
if(~isZ && N_TAGS(sMap) gt 0) then begin
```

Then, around line 883, change:

```
ppoints[*,i] = points[*,conn[npoints+i+1]]  
to:  
ppoints[*,i] = points[0:isZ ? 2 : 1,conn[npoints+i+1]]
```

That's it! Now I have a nice square polygon in the middle of Greenland.

Cheers,
Chris
