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Subject: Re: putting data into .kml (google earth) from IDL

Posted by [Jeff N.](#) on Wed, 09 Jan 2008 21:04:45 GMT

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On Jan 9, 2:48 pm, james-a-roo <james.mccrei...@gmail.com> wrote:

> Hello-

>

> I'm thinking about undertaking some work to be able to take data  
> structures or arrays in IDL and visualize them in google earth. The  
> idea is to build an object orient set of codes which will write the  
> data into .kml files.

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> Has anyone begun this or thought about it? I'm going over the .kml  
> specs and making some headway, but i clearly dont have then entire  
> picture yet. I have a small goal of getting some (extruded to the  
> ground) polygons working in the very near future.

>

> thanks,

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> jlm

Mike Galloy has some user functions written for sending data from ENVI into Google Earth via KML files. You might be able to take the portion of his code that deals with writing KML files and use that as a starting point.

<http://michaelgalloy.com/category/envi>

Jeff

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Subject: Re: putting data into .kml (google earth) from IDL

Posted by [mccreigh](#) on Wed, 09 Jan 2008 21:43:47 GMT

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Ok, thanks! That's a fairly basic slice of what I am trying to do, it's only a ground overlay. But it's something!

So, i've begun this and intend to continue as i need it. I am working on implementing Features and polygons as a first shot. My goal is to take a spatial time series and be able to display it in google earth, simply stripping the data from an array or structure and putting it into the various objects along with the needed kml information. In the end, it should be way faster than writing kml since all the tags will be generated.

If anyone is interested in these routines, post here and I'd be happy to share them. Once some of the basic ones (like Feature) are

implimented I can see the rest of the elements being added as people need them and write them in to this developing framework of code (which is still slowly coming into focus)

cheers,

J

On Jan 9, 2:04 pm, "Jeff N." <jnett...@utk.edu> wrote:

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> Jeff

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Subject: Re: putting data into .kml (google earth) from IDL

Posted by [dcleon@gmail.com](mailto:dcleon@gmail.com) on Thu, 10 Jan 2008 05:03:43 GMT

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On Jan 9, 2:43 pm, mcre...@gmail.com wrote:

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>  
>> Jeff

I wonder if IDL's XML routines could be used to accomplish this.  
Unfortunately I haven't used the XML routines beyond the most  
rudimentary.  
Has anybody here worked much with the various XML routines ?

Dave

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Subject: Re: putting data into .kml (google earth) from IDL  
Posted by [Andrew Cool](#) on Thu, 10 Jan 2008 23:00:41 GMT  
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On Jan 10, 7:43 am, mcre...@gmail.com wrote:

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> If anyone is interested in these routines, post here and I'd be happy  
> to share them.

Hi James,

I'm interested, as are a some of my colleagues, and would appreciate  
seeing what your routines can do.

Cheers,

Andrew (et al)

andrew\_at\_cool.id.au

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