Subject: Re: Check overlapping of two differen georeferenced images
Posted by David Fanning on Mon, 04 Feb 2013 15:24:15 GMT
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titan writes:

> Is there a way using IDL or ENVI to check if two georeferenced images are overlapping or not?
>
> In this way I would like to find a workaround for the envi_layer_stacking_doit routine error that I get when two images have no geographic area in common.

This is simply a math problem to determine if two polygons (rectangles in our case) overlap:

   http://rbrundritt.wordpress.com/2008/10/20/determine-if-two- polygons-overlap/

It should be simple enough to write the routine in IDL.

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Check overlapping of two differen georeferenced images
Posted by Brian Daniel on Mon, 04 Feb 2013 16:14:01 GMT
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On Monday, February 4, 2013 10:08:23 AM UTC-5, titan wrote:
> Hi all,
>
> Is there a way using IDL or ENVI to check if two georeferenced images are overlapping or not?
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> thanks in advance

Check out this discussion on how to find the overlap of polygons.
 https://groups.google.com/d/topic/comp.lang.idl-pvwave/uVpIU kvt-94/discussion

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Subject: Re: Check overlapping of two differen georeferenced images
Posted by titan on Tue, 05 Feb 2013 07:58:54 GMT

Il giorno lunedì 4 febbraio 2013 17:14:01 UTC+1, Brian J. Daniel ha scritto:
> On Monday, February 4, 2013 10:08:23 AM UTC-5, titan wrote:
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>> Hi all,
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> https://groups.google.com/d/topic/comp.lang.idl-pvwave/uVpIU kvt-94/discussion

Thanks for your suggestion but I'm not able to find the .pro file in this discussion you are indicating. Do you know where can I download it?
thanks a lot

Subject: Re: Check overlapping of two differen georeferenced images
Posted by titan on Tue, 05 Feb 2013 08:01:46 GMT

Il giorno lunedì 4 febbraio 2013 17:14:01 UTC+1, Brian J. Daniel ha scritto:
> On Monday, February 4, 2013 10:08:23 AM UTC-5, titan wrote:
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> https://groups.google.com/d/topic/comp.lang.idl-pvwave/uVpIU kvt-94/discussion

Hi david, thanks for your answer.
I will try to implement it.
cheers

Subject: Re: Check overlapping of two differen georeferenced images
Posted by Brian Daniel on Tue, 05 Feb 2013 15:13:01 GMT

http://cars9.uchicago.edu/software/idl/midl.html

On Tuesday, February 5, 2013 2:58:54 AM UTC-5, titan wrote:

> Il giorno lunedì 4 febbraio 2013 17:14:01 UTC+1, Brian J. Daniel ha scritto:

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