Subject: Mars Express HRSC image viewer
Posted by greg michael on Tue, 27 Mar 2007 10:04:01 GMT
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Hi folks!

I recently put a new site online which, of course, is coded with IDL
(ION script). Aside from the fact that you might be amused to play
around with it (there're something like 2 TB of images there), I'd
very much appreciate any suggestions for improvements of any kind -
especially in relation to the interface/ION side of things.

http://www.geoinf.fu-berlin.de/hrscviewweb/

many greetings,
Greg

Subject: Re: Mars Express HRSC image viewer
Posted by Jean H. on Tue, 27 Mar 2007 20:24:14 GMT
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greg michael wrote:
> Hi folks!
>
> I recently put a new site online which, of course, is coded with IDL
> (ION script). Aside from the fact that you might be amused to play
> around with it (there're something like 2 TB of images there), I'd
> very much appreciate any suggestions for improvements of any kind -
> especially in relation to the interface/ION side of things.
>
> http://www.geoinf.fu-berlin.de/hrscviewweb/
>
> many greetings,
> Greg
>

Greg,

the zooming is kind of hard... it would be nice to be able to click on
the image and to zoom around the specified point. Also, what the program
does when clicking on the image is not obvious at first. Along with the
zoom idea, you could have arrows around your image (click to move the view)

Jean

Subject: Re: Mars Express HRSC image viewer
Posted by greg michael on Wed, 28 Mar 2007 10:14:30 GMT
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Hi Jean,

Clicking the image recentres the view - then when you change zoom, it
should be around that point. Is that what you meant?

I thought maybe I could add some crosshairs to make it clear that
recentring is what's happening: what do you think?

It would be nice to have double-clicks for zooming as well, but I
don't think this can be done with html.

many thanks for the comment,
Greg

> Greg,
>
> the zooming is kind of hard... it would be nice to be able to click on
> the image and to zoom around the specified point. Also, what the program
> does when clicking on the image is not obvious at first. Along with the
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>
> Jean

Subject: Re: Mars Express HRSC image viewer
Posted by greg michael on Wed, 28 Mar 2007 10:28:07 GMT
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the arrows are a good idea - thanks.

Greg

Subject: Re: Mars Express HRSC image viewer
Posted by Jean H. on Wed, 28 Mar 2007 15:31:26 GMT
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greg michael wrote:
> Hi Jean,
>
> Clicking the image recentres the view - then when you change zoom, it
> should be around that point. Is that what you meant?

Yes, this statement, on your page, would be helpful!

... or, but that may be a 'user preference', it would be nice that when you click on the image (anywhere), it does a) the zooming and b) of course, to recenter the view.

> I thought maybe I could add some crosshairs to make it clear that
> recentring is what's happening: what do you think?

Yep!

> It would be nice to have double-clicks for zooming as well, but I
> don't think this can be done with html.

Right click then?
Or you can have 2 modes: a zooming mode (see 1st comment) or a spanning mode

Jean

> many thanks for the comment,
> Greg
>
>> Greg,
>>
>> the zooming is kind of hard... it would be nice to be able to click on
>> the image and to zoom around the specified point. Also, what the program
>> does when clicking on the image is not obvious at first. Along with the
>> zoom idea, you could have arrows around your image (click to move the view)
>>
>> Jean
>
>

> Right click then?

Same problem with a right-click - it doesn't get sent by an html page
- it just lets you save the image (as far as I know... which isn't
very far at all for html)

> Or you can have 2 modes: a zooming mode (see 1st comment) or a spanning mode

Yes, now you mention it - I've seen that done in other map interfaces
- that could be a good solution. In general, I think panning is more
important (i.e. more frequently used) than zooming here, so I wouldn't

want to make it the normal behaviour.

thanks again,
Greg

Subject: Re: Mars Express HRSC image viewer
Posted by Rick Towler on Thu, 29 Mar 2007 20:40:46 GMT
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greg michael wrote:

> It would be nice to have double-clicks for zooming as well, but I
> don't think this can be done with html.

Certainly. This can be handled with some client side javaScript. The
onDblClick event is supported by Netscape v6+ and IE4+ for most HTML
elements.

-Rick

Subject: Re: Mars Express HRSC image viewer
Posted by greg michael on Fri, 30 Mar 2007 17:09:09 GMT
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> Certainly. This can be handled with some client side javaScript. The
> onDblClick event is supported by Netscape v6+ and IE4+ for most HTML
> elements.

Hi Rick,

Thanks for the suggestion. I found this sample code:

<input type="button" ondblclick="JavaScript: alert('ondblclick
event')" value="Double Click Me!">

That detects the double-click - do you know how I can pass that
information back to the server?

Greg

Subject: Re: Mars Express HRSC image viewer
Posted by Jean H. on Fri, 30 Mar 2007 18:11:01 GMT
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greg michael wrote:
>> Certainly. This can be handled with some client side javaScript. The
>> onDblClick event is supported by Netscape v6+ and IE4+ for most HTML
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>
> That detects the double-click - do you know how I can pass that
> information back to the server?
>
> Greg

 http://javascript.internet.com/miscellaneous/enlarge-image.h tml

<img src="img/picture4-sm.gif" height="150" name="image1"
ondblclick="enlargeImage1()" onclick="dropImage1()">

So I guess you can write a function that redirect you to your image
page, with a tag in the address stating that a double click occurred..
window.location = "http://www.google.com/?dblclik=true"   or you might
even skip this and have a function with the zoom parameters (double
click) and another one with the pan parameters (single click)

Jean

Subject: Re: Mars Express HRSC image viewer
Posted by greg michael on Mon, 02 Apr 2007 12:33:51 GMT
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Thanks for that example - I should be able to figure something out
from there.

Greg

>
>   http://javascript.internet.com/miscellaneous/enlarge-image.h tml
>
> <img src="img/picture4-sm.gif" height="150" name="image1"
> ondblclick="enlargeImage1()" onclick="dropImage1()">
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