
Subject: exporting floats

Posted by [martin](#) on Thu, 19 Aug 2010 14:45:11 GMT

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It may sound easy, but i don't figure out how it works.

I want to export a floating point variable I produced in IDL to use it in a GIS. Everything I export through the iTools ends in integers, but I need to keep the original float values!

who can help me?

Martin

Subject: Re: exporting floats

Posted by [penteado](#) on Thu, 19 Aug 2010 17:24:42 GMT

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On Aug 19, 11:45 am, martin <mar...@bier-mail.de> wrote:

> It may sound easy, but i don't figure out how it works.
> I want to export a floating point variable I produced in IDL to use it
> in a GIS. Everything I export through the iTools ends in integers, but
> I need to keep the original float values!
> who can help me?

You need to say more about what kind of file you want to make.

Subject: Re: exporting floats

Posted by [martin](#) on Thu, 19 Aug 2010 18:23:45 GMT

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On 19 Aug., 19:24, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Aug 19, 11:45 am, martin <mar...@bier-mail.de> wrote:
>
>> It may sound easy, but i don't figure out how it works.
>> I want to export a floating point variable I produced in IDL to use it
>> in a GIS. Everything I export through the iTools ends in integers, but
>> I need to keep the original float values!
>> who can help me?
>
> You need to say more about what kind of file you want to make.

I want to make a floating point file i can use in a GIS, preferably a Tiff.

Let's say I have some Tiffs with NDVI values (0-1). I import them in IDL, make some calculations, and get a new variable I want to export

to my GIS. But I need floating point grids.
Or another example: I import a variable of a ncdf with floating point values. I shift it, and want to export it so I can use it in the GIS..

Subject: Re: exporting floats

Posted by [penteado](#) on Thu, 19 Aug 2010 18:44:46 GMT

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On Aug 19, 3:23 pm, martin <mar...@bier-mail.de> wrote:

> I want to make a floating point file i can use in a GIS, preferably a
> Tiff.
> Let's say I have some Tiffs with NDVI values (0-1). I import them in
> IDL, make some calculations, and get a new variable I want to export
> to my GIS. But I need floating point grids.
> Or another example: I import a variable of a ncdf with floating point
> values. I shift it, and want to export it so I can use it in the GIS..

It seems you may be looking for the float (or double) keyword to
write_tiff.

Subject: Re: exporting floats

Posted by [martin](#) on Thu, 19 Aug 2010 19:35:25 GMT

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On 19 Aug., 20:44, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Aug 19, 3:23 pm, martin <mar...@bier-mail.de> wrote:
>
>> I want to make a floating point file i can use in a GIS, preferably a
>> Tiff.
>> Let's say I have some Tiffs with NDVI values (0-1). I import them in
>> IDL, make some calculations, and get a new variable I want to export
>> to my GIS. But I need floating point grids.
>> Or another example: I import a variable of a ncdf with floating point
>> values. I shift it, and want to export it so I can use it in the GIS..
>
> It seems you may be looking for the float (or double) keyword to
> write_tiff.

exactly, thanks a lot!
