

---

Subject: Re: Reading a Tiff image

Posted by [David Fanning](#) on Fri, 17 May 2002 07:53:11 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Akhila (idlfreak@yahoo.com) writes:

```
> I have a tiff image of size 1200x379. To open that file i wrote:
>
> filename = FilePath(Subdirectory = ['Akhila', 'Project'],'8bit.tif')
> OPenR,lun, filename, /Get_Lun
> ReadU, lun, image
> Free_Lun, lun
> image = bytarr(1200,379)
> image = read_tiff(filename)
> tv, image
>
> The image that is opened is not the complete image. I guess i'm
> missing on something....Can anybody please help me with that.
```

Oh, dear. How about something like this:

```
filename = FilePath(Subdirectory = ['Akhila', 'Project'],'8bit.tif')
image = Read_Tiff(filename)
```

Does that work better?

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438, E-mail: [david@dfanning.com](mailto:david@dfanning.com)

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155

---

---

Subject: Re: Reading a Tiff image

Posted by [idlfreak](#) on Fri, 17 May 2002 17:30:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

nope, it does the samething as well. I can only see the last bit of  
the image. The image i'm using is loaded here.  
[http://www.geocities.com/r\\_akhila/8bit.tif](http://www.geocities.com/r_akhila/8bit.tif)

I'm sure that i'm missing out on something very simple.

Akhila.

David Fanning <david@dfanning.com> wrote in message  
news:<MPG.174e64d07cccf12b9898df@news.frii.com>...

```
> Akhila (idlfreak@yahoo.com) writes:
>
>> I have a tiff image of size 1200x379. To open that file i wrote:
>>
>> filename = FilePath(Subdirectory = ['Akhila', 'Project'],'8bit.tif')
>> OPenR,lun, filename, /Get_Lun
>> ReadU, lun, image
>> Free_Lun, lun
>> image = bytarr(1200,379)
>> image = read_tiff(filename)
>> tv, image
>>
>> The image that is opened is not the complete image. I guess i'm
>> missing on something....Can anybody please help me with that.
>
> Oh, dear. How about something like this:
>
> filename = FilePath(Subdirectory = ['Akhila', 'Project'],'8bit.tif')
> image = Read_Tiff(filename)
>
> Does that work better?
>
> Cheers,
>
> David
```

---

---

Subject: Re: Reading a Tiff image  
Posted by [Rick Towler](#) on Fri, 17 May 2002 19:01:32 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

If you do this:

```
>> filename = FilePath(Subdirectory = ['Akhila', 'Project'],'8bit.tif')
>> image = Read_Tiff(filename)
```

what does this print:

```
print, size(image)
```

I think you aren't making your window big enough.

-Rick

"Akhila" <idlfreak@yahoo.com> wrote in message  
news:b1ad7b05.0205170930.12a9b783@posting.google.com...  
> nope, it does the something as well. I can only see the last bit of  
> the image. The image i'm using is loaded here.  
> [http://www.geocities.com/r\\_akhila/8bit.tif](http://www.geocities.com/r_akhila/8bit.tif)  
>  
> I'm sure that i'm missing out on something very simple.  
>  
> Akhila.  
>  
> David Fanning <david@dfanning.com> wrote in message  
news:<MPG.174e64d07cccf12b9898df@news.frii.com>...  
>> Akhila (idlfreak@yahoo.com) writes:  
>>  
>>> I have a tiff image of size 1200x379. To open that file i wrote:  
>>>  
>>> filename = FilePath(Subdirectory = ['Akhila', 'Project'], '8bit.tif')  
>>> OPenR, lun, filename, /Get\_Lun  
>>> ReadU, lun, image  
>>> Free\_Lun, lun  
>>> image = bytarr(1200,379)  
>>> image = read\_tiff(filename)  
>>> tv, image  
>>>  
>>> The image that is opened is not the complete image. I guess i'm  
>>> missing on something....Can anybody please help me with that.  
>>  
>> Oh, dear. How about something like this:  
>>  
>> filename = FilePath(Subdirectory = ['Akhila', 'Project'], '8bit.tif')  
>> image = Read\_Tiff(filename)  
>>  
>> Does that work better?  
>>  
>> Cheers,  
>>  
>> David

---

---

Subject: Re: Reading a Tiff image  
Posted by [David Fanning](#) on Fri, 17 May 2002 20:18:51 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Rick Towler (rtowler@u.washington.edu) writes:

> I think you aren't making your window big enough.

I'd try displaying it with TVImage, /Keep\_Aspect, image. :-)

Cheers,

David

P.S. Let's just say that I mucked around for an hour and a half this morning looking at incredibly mixed up colors with the TV command before I realized I didn't know how to use it anymore. :-(

--

David W. Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438, E-mail: david@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155

---

---

Subject: Re: Reading a Tiff image

Posted by [thompson](#) on Fri, 17 May 2002 22:05:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Strange, I have no problems reading that image on my computer:

```
IDL> print,!version
{ alpha OSF unix 5.4.1 Jan 16 2001    64    64}
IDL> a=read_tiff('8bit.tif') & help,a
A      BYTE      = Array[379, 1200]
```

Is the fact that this is 379x1200 instead of 1200x379 part of the problem?

An interesting thing is that when I open this file in xv, I get the error message

```
Warning, TIFF directory is missing
required "StripByteCounts" field, calculating
from image length.
```

William Thompson

idlfreak@yahoo.com (Akhila) writes:

```
> nope, it does the something as well. I can only see the last bit of
> the image. The image i'm using is loaded here.
```

> [http://www.geocities.com/r\\_akhila/8bit.tif](http://www.geocities.com/r_akhila/8bit.tif)

> I'm sure that i'm missing out on something very simple.

> Akhila.

> David Fanning <david@dfanning.com> wrote in message  
news:<MPG.174e64d07cccf12b9898df@news.frii.com>...

>> Akhila (idlfreak@yahoo.com) writes:

>>

>>> I have a tiff image of size 1200x379. To open that file i wrote:

>>>

>>> filename = FilePath(Subdirectory = ['Akhila', 'Project'], '8bit.tif')

>>> OPenR, lun, filename, /Get\_Lun

>>> ReadU, lun, image

>>> Free\_Lun, lun

>>> image = bytarr(1200,379)

>>> image = read\_tiff(filename)

>>> tv, image

>>>

>>> The image that is opened is not the complete image. I guess i'm  
>>> missing on something....Can anybody please help me with that.

>>

>> Oh, dear. How about something like this:

>>

>> filename = FilePath(Subdirectory = ['Akhila', 'Project'], '8bit.tif')

>> image = Read\_Tiff(filename)

>>

>> Does that work better?

>>

>> Cheers,

>>

>> David

---

Subject: Re: Reading a Tiff image

Posted by [idlfreak](#) on Mon, 20 May 2002 18:14:26 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I finally increased the window size as 379x1200 and the image is displayed. But i think the window size is larger than my monitor and so, i miss out either the beginning of the image or the last few rows. Is there any way i can scale the image while displaying as in MATLAB?

Any help is welcome.

-Akhila.

thompson@orpheus.nascom.nasa.gov (William Thompson) wrote in message  
news:<ac3uql\$d9g\$1@skates.gsfc.nasa.gov>...

> Strange, I have no problems reading that image on my computer:

>

> IDL> print,!version

> { alpha OSF unix 5.4.1 Jan 16 2001 64 64}

> IDL> a=read\_tiff('8bit.tif') & help,a

> A BYTE = Array[379, 1200]

>

> Is the fact that this is 379x1200 instead of 1200x379 part of the problem?

>

> An interesting thing is that when I open this file in xv, I get the error

> message

>

> Warning, TIFF directory is missing

> required "StripByteCounts" field, calculating

> from image length.

>

> William Thompson

>

>

>

> idlfreak@yahoo.com (Akhila) writes:

>

>> nope, it does the something as well. I can only see the last bit of  
>> the image. The image i'm using is loaded here.

>> [http://www.geocities.com/r\\_akhila/8bit.tif](http://www.geocities.com/r_akhila/8bit.tif)

>

>> I'm sure that i'm missing out on something very simple.

>

>> Akhila.

>

>> David Fanning <david@dfanning.com> wrote in message  
news:<MPG.174e64d07cccf12b9898df@news.frii.com>...

>>> Akhila (idlfreak@yahoo.com) writes:

>>>

>>>> I have a tiff image of size 1200x379. To open that file i wrote:

>>>>

>>>> filename = FilePath(Subdirectory = ['Akhila', 'Project'], '8bit.tif')

>>>> OPenR,lun, filename, /Get\_Lun

>>>> ReadU, lun, image

>>>> Free\_Lun, lun

>>>> image = bytarr(1200,379)

>>>> image = read\_tiff(filename)

>>>> tv, image

>>>>

>>>> The image that is opened is not the complete image. I guess i'm

>>>> missing on something....Can anybody please help me with that.

```
>>>
>>> Oh, dear. How about something like this:
>>>
>>> filename = FilePath(Subdirectory = ['Akhila', 'Project'], '8bit.tif')
>>> image = Read_Tiff(filename)
>>>
>>> Does that work better?
>>>
>>> Cheers,
>>>
>>> David
```

---