

---

Subject: Question: plots not working

Posted by [Simcha Levental](#) on Wed, 20 Nov 2013 01:40:50 GMT

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

---

I am hoping someone can help me; understand why I am not able to get plots from IDL. I keep getting

```
"% Incorrect number of arguments.
```

```
% Execution halted at: $MAIN$ "
```

Thanks,

s

```
IDL> cd, 'C:\Users\slevental\Documents\IDL_coursefiles'
```

```
IDL> file1 = filepath('chirp.dat', subdir=['examples', 'data'])
```

```
IDL> chirp= read_binary(file1, data_dims=512, data_type=1)
```

```
IDL> help, (chirp)
```

```
CHIRP      BYTE      = Array[512]
```

```
IDL> file2= file_which('marbells.dat')
```

```
% Compiled module: FILE_WHICH.
```

```
IDL> restore, file2
```

```
IDL> help, elev
```

```
ELEV      INT      = Array[350, 450]
```

```
IDL> p = plot(chirp)
```

```
% Compiled module: COLORBAR__DEFINE.
```

```
% Incorrect number of arguments.
```

```
% Execution halted at: $MAIN$
```

Theoretically, I should be getting

```
% Compiled module: FILE_WHICH.
```

and the graphic widow should appear...

---

---

Subject: Re: Question: plots not working

Posted by [David Fanning](#) on Wed, 20 Nov 2013 04:22:28 GMT

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

---

Simcha Levental writes:

> I am hoping someone can help me; understand why I am not able to get plots from IDL. I keep getting

```
> "% Incorrect number of arguments.
```

```
> % Execution halted at: $MAIN$ "
```

```
> Thanks,
```

```
> s
```

```
>
```

```
> IDL> cd, 'C:\Users\slevental\Documents\IDL_coursefiles'
```

```
> IDL> file1 = filepath('chirp.dat', subdir=['examples', 'data'])
```

```
> IDL> chirp= read_binary(file1, data_dims=512, data_type=1)
```

```
> IDL> help, (chirp)
> CHIRP      BYTE      = Array[512]
> IDL> file2= file_which('marbells.dat')
> % Compiled module: FILE_WHICH.
> IDL> restore, file2
> IDL> help, elev
> ELEV      INT      = Array[350, 450]
> IDL> p = plot(chirp)
> % Compiled module: COLORBAR__DEFINE.
> % Incorrect number of arguments.
> % Execution halted at: $MAIN$
>
>
> Theoretically, I should be getting
> % Compiled module:  FILE_WHICH.
> and the graphic widow should appear...
```

Try typing .Reset, then execute these commands again. I think you will have better luck the second time. :-)

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: Question: plots not working  
Posted by [Simcha Levental](#) on Thu, 21 Nov 2013 23:44:30 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Thanks. Though I discovered that it was a version error.

On Tuesday, November 19, 2013 9:22:28 PM UTC-7, David Fanning wrote:

```
> Simcha Levental writes:
```

```
>
```

```
>
```

```
>
```

```
>> I am hoping someone can help me; understand why I am not able to get plots from IDL. I keep getting
```

```
>
```

```
>> "% Incorrect number of arguments.
```

```
>
```

```
>> % Execution halted at: $MAIN$ "
```

```
>
>> Thanks,
>
>> s
>
>>
>
>> IDL> cd, 'C:\Users\slevental\Documents\IDL_coursefiles'
>
>> IDL> file1 = filepath('chirp.dat', subdir=['examples', 'data'])
>
>> IDL> chirp= read_binary(file1, data_dims=512, data_type=1)
>
>> IDL> help, (chirp)
>
>> CHIRP      BYTE      = Array[512]
>
>> IDL> file2= file_which('marbells.dat')
>
>> % Compiled module: FILE_WHICH.
>
>> IDL> restore, file2
>
>> IDL> help, elev
>
>> ELEV      INT      = Array[350, 450]
>
>> IDL> p = plot(chirp)
>
>> % Compiled module: COLORBAR__DEFINE.
>
>> % Incorrect number of arguments.
>
>> % Execution halted at: $MAIN$
>
>>
>
>>
>
>> Theoretically, I should be getting
>
>> % Compiled module: FILE_WHICH.
>
>> and the graphic widow should appear...
>
>
>
> Try typing .Reset, then execute these commands again. I think you will
```

>  
> have better luck the second time. :-)  
>  
>  
>  
> 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.")

---