
Subject: Name of arrays

Posted by [Israel Rodriguez Herm](#) on Sun, 19 Feb 2012 12:30:25 GMT

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Hi there!

I'd like to use a string as part of the name of an array:

```
MONTH = [ 'FEBRUARY' , 'JULY' ]
```

```
TEMPERATURE+MONTH(0)=fltarr(28)
```

```
TEMPERATURE+MONTH(1)=fltarr(31)
```

I found any way to do this simple task. Anybody can help me?

Thanks in advance!

Subject: Re: Name of arrays

Posted by [Craig Markwardt](#) on Tue, 21 Feb 2012 03:17:26 GMT

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On Feb 20, 1:15 pm, Brian Wolven <brian.wol...@gmail.com> wrote:

> Or create_struct, using the month as the tag name, for pretty much any version of IDL.

+1.

Subject: Re: Name of arrays

Posted by [Israel Rodriguez Herm](#) on Tue, 21 Feb 2012 12:45:15 GMT

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First of all, I want to thank you all of you for your suggestions.

Second, just say that all this months, days and temperatures was just an example of what I want to do, so I need a general way to proceed.

Third, I'm running IDL v7, so the solutions for IDL v8 don't work for me.

So I'm trying to learn how to use structures, but they are a bit confusing to me and the information I have obtained from google is not helping too much. I would appreciate any example or link to a webpage showing how to use structures. Thanks in advance!

Israel

Subject: Re: Name of arrays

Posted by [David Fanning](#) on Tue, 21 Feb 2012 13:36:58 GMT

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Israel Rodriguez Hermelo writes:

- > First of all, I want to thank you all of you for your suggestions.
- > Second, just say that all this months, days and temperatures was just
- > an example of what I want to do, so I need a general way to proceed.
- > Third, I'm running IDL v7, so the solutions for IDL v8 don't work for
- > me.
- >
- > So I'm trying to learn how to use structures, but they are a bit
- > confusing to me and the information I have obtained from google is not
- > helping too much. I would appreciate any example or link to a webpage
- > showing how to use structures. Thanks in advance!

Structures!? You mean pointers, right? You need flexibility and structures are, well, just about the least flexible solution of all time. Are you sure you mean structures?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Name of arrays

Posted by [Israel Rodriguez Herm](#) on Tue, 21 Feb 2012 14:35:54 GMT

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On Feb 21, 2:36 pm, David Fanning <n...@idlcoyote.com> wrote:

- > Israel Rodriguez Hermelo writes:
- >> First of all, I want to thank you all of you for your suggestions.
- >> Second, just say that all this months, days and temperatures was just
- >> an example of what I want to do, so I need a general way to proceed.
- >> Third, I'm running IDL v7, so the solutions for IDL v8 don't work for
- >> me.
- >>
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> Structures!? You mean pointers, right? You need
> flexibility and structures are, well, just about
> the least flexible solution of all time. Are you
> sure you mean structures?
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

hehe yes, I was trying to do it with structures but I was already thinking that structures are not flexible enough. I'll try with pointers then. I'll let you know how it goes.

Thanks again for your suggestions.

Regards,

Israel

Subject: Re: Name of arrays
Posted by [Craig Markwardt](#) on Tue, 21 Feb 2012 14:49:23 GMT
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On Feb 21, 9:35 am, Israel Rodriguez Hermelo <israelherm...@gmail.com> wrote:

> On Feb 21, 2:36 pm, David Fanning <n...@idlcoyote.com> wrote:

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>> Israel Rodriguez Hermelo writes:

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>>> Second, just say that all this months, days and temperatures was just

```

>>> an example of what I want to do, so I need a general way to proceed.
>>> Third, I'm running IDL v7, so the solutions for IDL v8 don't work for
>>> me.
>
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>> David
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>> --
>> David Fanning, Ph.D.
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>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
>
> hehe yes, I was trying to do it with structures but I was already
> thinking that structures are not flexible enough. I'll try with
> pointers then. I'll let you know how it goes.
>

```

No, structures are easy. You can add as many elements as you want and they can be any size that you want.

; First you create a dummy structure, or add some overall "metadata" information if you want.

```
my_struct = {file_date:'2012-01-03'} ;; Whatever you want
```

; Then add as many data points as you want.

```
my_struct = create_struct(my_struct, TEMPERATURE+MONTH(0), fltarr(28))
```

```
my_struct = create_struct(my_struct, TEMPERATURE+MONTH(1), fltarr(30))
```

...

```
my_struct = create_struct(my_struct, TEMPERATURE+MONTH(11),
fltarr(30))
```

Pointers introduce their own overhead of allocating, managing and de-allocating them. Structures are totally extensible and have basically no mental overhead.

Later on, you can retrieve the contents with TAG_NAMES(), and the

"structure array" notation my_struct.(N).

Craig

Subject: Re: Name of arrays

Posted by [Paul Van Delst\[1\]](#) on Tue, 21 Feb 2012 14:50:39 GMT

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Craig Markwardt wrote:

> On Feb 20, 1:15 pm, Brian Wolven <brian.wol...@gmail.com> wrote:

>> Or create_struct, using the month as the tag name, for pretty much any version of IDL.

>

> +1.

and once more: +1.

To the OP, it's quite easy to modify structures as you go - as long as you use anonymous structure. So in your case you could do something like:

```
IDL> t = findgen(31)
```

```
IDL> month_data = create_struct('january', t)
```

```
IDL> help, month_data
```

```
** Structure <9430c3c>, 1 tags, length=124, data length=124, refs=1:
```

```
  JANUARY      FLOAT   Array[31]
```

```
IDL> print, month_data.january
```

```
  0.00000  1.00000  2.00000  3.00000  4.00000  5.00000  6.00000
  7.00000  8.00000  9.00000 10.0000 11.0000 12.0000 13.0000
 14.0000 15.0000 16.0000 17.0000 18.0000 19.0000 20.0000
 21.0000 22.0000 23.0000 24.0000 25.0000 26.0000 27.0000
 28.0000 29.0000 30.0000
```

```
IDL> t = findgen(28)+10.
```

```
IDL> month_data = create_struct(month_data,'february', t)
```

```
IDL> help, month_data
```

```
** Structure <9430f6c>, 2 tags, length=236, data length=236, refs=1:
```

```
  JANUARY      FLOAT   Array[31]
```

```
  FEBRUARY     FLOAT   Array[28]
```

```
IDL> print, month_data.february
```

```
 10.0000 11.0000 12.0000 13.0000 14.0000 15.0000 16.0000
 17.0000 18.0000 19.0000 20.0000 21.0000 22.0000 23.0000
 24.0000 25.0000 26.0000 27.0000 28.0000 29.0000 30.0000
 31.0000 32.0000 33.0000 34.0000 35.0000 36.0000 37.0000
```

It's like a poor man's hash, e.g.:

```
IDL> print, month_data.(where(tag_names(month_data) EQ 'FEBRUARY'))
```

```
 10.0000 11.0000 12.0000 13.0000 14.0000 15.0000 16.0000
```

```
17.0000 18.0000 19.0000 20.0000 21.0000 22.0000 23.0000
24.0000 25.0000 26.0000 27.0000 28.0000 29.0000 30.0000
31.0000 32.0000 33.0000 34.0000 35.0000 36.0000 37.0000
```

cheers,

paulv

p.s. I reckon it's worth upgrading to v8.* to get access to IDL's HASH:

```
IDL> month_data=HASH()
IDL> help, month_data
MONTH_DATA HASH <ID=1 NELEMENTS=0>
IDL> month_data['January']=findgen(31)
IDL> month_data['February']=findgen(28)+10
IDL> help, month_data
MONTH_DATA HASH <ID=1 NELEMENTS=2>
IDL> print, month_data['February']
10.0000 11.0000 12.0000 13.0000 14.0000 15.0000 16.0000
17.0000 18.0000 19.0000 20.0000 21.0000 22.0000 23.0000
24.0000 25.0000 26.0000 27.0000 28.0000 29.0000 30.0000
31.0000 32.0000 33.0000 34.0000 35.0000 36.0000 37.0000
```

It's just simpler.

Subject: Re: Name of arrays
Posted by [David Fanning](#) on Tue, 21 Feb 2012 15:12:43 GMT
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Craig Markwardt writes:

```
> No, structures are easy. You can add as many elements as you want and
> they can be any size that you want.
>
> ; First you create a dummy structure, or add some overall "metadata"
> information if you want.
> my_struct = {file_date:'2012-01-03'} ;; Whatever you want
>
> ; Then add as many data points as you want.
> my_struct = create_struct(my_struct, TEMPERATURE+MONTH(0), fttarr(28))
> my_struct = create_struct(my_struct, TEMPERATURE+MONTH(1), fttarr(30))
> ...
> my_struct = create_struct(my_struct, TEMPERATURE+MONTH(11),
> fttarr(30))
```

>
> Pointers introduce their own overhead of allocating, managing and de-
> allocating them. Structures are totally extensible and have basically
> no mental overhead.
>
> Later on, you can retrieve the contents with TAG_NAMES(), and the
> "structure array" notation my_struct.(N).

See, what did I tell you? Structures are totally inflexible,
unless you know what you are doing with them. ;-)

Cheers,

David

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

Subject: Re: Name of arrays
Posted by [Craig Markwardt](#) on Tue, 21 Feb 2012 16:38:34 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Feb 21, 10:12 am, David Fanning <n...@idlcoyote.com> wrote:
> Craig Markwardt writes:
>> No, structures are easy. You can add as many elements as you want and
>> they can be any size that you want.
>
>> ; First you create a dummy structure, or add some overall "metadata"
>> information if you want.
>> my_struct = {file_date:'2012-01-03'} ;; Whatever you want
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>> ; Then add as many data points as you want.
>> my_struct = create_struct(my_struct, TEMPERATURE+MONTH(0), fltarr(28))
>> my_struct = create_struct(my_struct, TEMPERATURE+MONTH(1), fltarr(30))
>> ...
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>> Pointers introduce their own overhead of allocating, managing and de-
>> allocating them. Structures are totally extensible and have basically
>> no mental overhead.
>

>> Later on, you can retrieve the contents with TAG_NAMES(), and the
>> "structure array" notation my_struct.(N).
>
> See, what did I tell you? Structures are totally inflexible,
> unless you know what you are doing with them. ;-)

It's just a matter of which foot you shoot. :-)

Subject: Re: Name of arrays
Posted by [Israel Rodriguez Herm](#) on Tue, 21 Feb 2012 20:36:50 GMT
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Hi!

I've been trying to work with structures and pointers for a while but I found them confusing. I can not stop thinking about the solution of my problem with IDL v8.

If I understand right, these few lines would resolve my problems:

```
MONTH=['MARCH','JULY']

DAY=HASH()
TEMPERATURE=HASH()

Nmonth=N_ELEMENTS(MONTH)

for i=0, Nmonth-1 do begin

    readcol, 'DATA_'+MONTH(i)+'.txt', D, T

    DAY[MONTH(i)]=D
    TEMPERATURE[MONTH(i)]=T

endfor

plot, DAY[MONTH(0)], TEMPERATURE[MONTH(0)]
  oplot, DAY[MONTH(1)], TEMPERATURE[MONTH(1)]
```

Would this code work? If the answer is yes, then I need to talk with my boss about IDL v8 ;)

Regards,

Israel

Subject: Re: Name of arrays

Posted by [David Fanning](#) on Tue, 21 Feb 2012 21:43:59 GMT

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Israel Rodriguez Hermelo writes:

> I've been trying to work with structures and pointers for a while but
> I found them confusing. I can not stop thinking about the solution of
> my problem with IDL v8.

>

> If I understand right, these few lines would resolve my problems:

>

> MONTH=['MARCH','JULY']

>

> DAY=HASH()

> TEMPERATURE=HASH()

>

> Nmonth=N_ELEMENTS(MONTH)

>

> for i=0, Nmonth-1 do begin

>

> readcol, 'DATA_'+MONTH(i)+'.txt', D, T

>

> DAY[MONTH(i)]=D

> TEMPERATURE[MONTH(i)]=T

>

> endfor

>

> plot, DAY[MONTH(0)], TEMPERATURE[MONTH(0)]

> oplot, DAY[MONTH(1)], TEMPERATURE[MONTH(1)]

>

>

> Would this code work? If the answer is yes, then I need to talk with

> my boss about IDL v8 ;)

A hash is nothing more than an fancy interface for pointers. If you want to use one in your version of IDL, you can use Craig's:

<http://cow.physics.wisc.edu/~craigm/idl/arrays.html>

But, I don't know how you would ever understand what a hash was without knowing at least *something* about pointers.

Craig's structure was a form of a hash, where the "key" is really the structure tag.

Cheers,

David

--

David Fanning, Ph.D.
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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Name of arrays
Posted by [penteado](#) on Tue, 21 Feb 2012 21:58:37 GMT
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On Feb 21, 7:43 pm, David Fanning <n...@idlcoyote.com> wrote:
> A hash is nothing more than an fancy interface for
> pointers.

So, similarly, IDL is nothing more than a fancy interface for C?

Subject: Re: Name of arrays
Posted by [penteado](#) on Tue, 21 Feb 2012 22:02:10 GMT
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On Feb 21, 6:36 pm, Israel Rodriguez Hermelo <israelherm...@gmail.com>
wrote:
> Would this code work? If the answer is yes, then I need to talk with
> my boss about IDL v8 ;)

Yes, it would work.

As David said, you could do it with CM's hashtable. For IDL pre-8.0,
it would be something like:

```
MONTH=['MARCH','JULY']
```

```
DAY=obj_new('hashtable')  
TEMPERATURE=bj_new('hashtable')
```

```
Nmonth=N_ELEMENTS(MONTH)
```

```
for i=0, Nmonth-1 do begin
```

```
    readcol, 'DATA_'+MONTH(i)+'.txt', D, T
```

```
    DAY->add,D
```

TEMPERATURE->add,T

endfor

plot, DAY->get(MONTH[0]), temperature->get(MONTH[0])
 oplot, DAY->get(MONTH[1]), TEMPERATURE->get(MONTH[1])

Subject: Re: Name of arrays

Posted by [David Fanning](#) on Tue, 21 Feb 2012 22:06:09 GMT

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Paulo Penteadó writes:

> So, similarly, IDL is nothing more than a fancy interface for C?

More of an advertisement for C, or at least Python. At least, lately. ;-)

Cheers,

David

--

David Fanning, Ph.D.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Name of arrays

Posted by [Paul Van Delst\[1\]](#) on Tue, 21 Feb 2012 22:09:24 GMT

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Ha! :o)

Early on, IDL was a fancy interface for Fortran. (Just like matlab :o)

But, to get back to David's original point, one should not treat syntactic sugar with disdain. IMO, for the 99.9% of programmers out there (most definitely including moi), a fancy interface for pointers -- that does not expose the pointer-y-ness -- is *exactly* what is needed (I cringe when I look at some of my older widget programs...).

Long live the hash().

cheers,

paulv

Paulo Penteadó wrote:

- > On Feb 21, 7:43 pm, David Fanning <n...@idlcoyote.com> wrote:
- >> A hash is nothing more than an fancy interface for
- >> pointers.
- >
- > So, similarly, IDL is nothing more than a fancy interface for C?

Subject: Re: Name of arrays

Posted by [penteado](#) on Tue, 21 Feb 2012 22:11:53 GMT

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On Feb 21, 8:09 pm, Paul van Delst <paul.vande...@noaa.gov> wrote:

- > But, to get back to David's original point, one should not treat syntactic sugar with disdain. IMO, for the 99.9% of
- > programmers out there (most definitely including moi), a fancy interface for pointers -- that does not expose the
- > pointer-y-ness -- is *exactly* what is needed (I cringe when I look at some of my older widget programs...).
- >
- > Long live the hash().

I was thinking just about that. I was about to leave IDL because of its lack of lists and hashes, when 8.0 came along.

Subject: Re: Name of arrays

Posted by [David Fanning](#) on Tue, 21 Feb 2012 22:21:03 GMT

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Paul van Delst writes:

- > But, to get back to David's original point, one should
- > not treat syntactic sugar with disdain. IMO, for the 99.9%
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- > pointer-y-ness -- is *exactly* what is needed (I cringe
- > when I look at some of my older widget programs...).
- >
- > Long live the hash().

I'm not sure the correct term for people who desire syntactic sugariness is "programmer". "Scientist", more like. ;-)

Cheers,

David

--

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Name of arrays
Posted by [penteado](#) on Tue, 21 Feb 2012 22:27:56 GMT
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On Feb 21, 8:21 pm, David Fanning <n...@idlcoyote.com> wrote:
> I'm not sure the correct term for people who desire syntactic
> sugariness is "programmer". "Scientist", more like. ;-)

I think that programmers trained in C++, Java or Python would cringe, cry and scream, a lot more than scientists, at a bunch of pointers used to do the work of a hash.

Subject: Re: Name of arrays
Posted by [David Fanning](#) on Tue, 21 Feb 2012 22:33:02 GMT
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Paulo Penteado writes:

> I think that programmers trained in C++, Java or Python would cringe,
> cry and scream, a lot more than scientists, at a bunch of pointers
> used to do the work of a hash.

Humm, you are probably right. :-)

Cheers,

David

--

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

Subject: Re: Name of arrays
Posted by [Paul Van Delst\[1\]](#) on Tue, 21 Feb 2012 22:35:53 GMT
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David Fanning wrote:

> Paul van Delst writes:

>

>> But, to get back to David's original point, one should
>> not treat syntactic sugar with disdain. IMO, for the 99.9%
>> of programmers out there (most definitely including moi),
>> a fancy interface for pointers -- that does not expose the
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>> when I look at some of my older widget programs...).

>>

>> Long live the hash().

>

> I'm not sure the correct term for people who desire syntactic
> sugariness is "programmer". "Scientist", more like. ;-)

au contraire, mon ami.

Increased productivity has to come from somewhere. My (almost completely vicarious) experience with the harder core programmer-y types is that if a language provides the mechanism to express something in fewer keystrokes, it will catch on.

Look at ruby. (although the fun-ness factor shouldn't be brushed off).

Mind you, the use of an editor that is language-aware, in the hands of a master, is something to behold. I watched a web video once of a guy demonstrating how easy it was to set up a ruby application using rails. He hardly had to type more than two/three characters of the reserved words before they auto-completed. Five minutes later, he had a functioning blogging site set up, hooked into a database, accepted comments, etc. Coded from scratch. Took my breath away.... and made the fancy piece of paper from the university that is hanging on my wall seem, uh, not so special. :o)

cheers,

paulv

Subject: Re: Name of arrays

Posted by [David Fanning](#) on Tue, 21 Feb 2012 22:44:02 GMT

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Paul van Delst writes:

> au contraire, mon ami.

>

> Increased productivity has to come from somewhere. My (almost completely vicarious) experience with the harder core

> programmer-y types is that if a language provides the mechanism to express something in fewer keystrokes, it will catch on.

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> blogging site set up, hooked into a database, accepted comments, etc. Coded from scratch. Took my breath away.... and

> made the fancy piece of paper from the university that is hanging on my wall seem, uh, not so special. :o)

OK, I'm going to give up trolling for the day and admit defeat. :-)

Cheers,

David

P.S. If you come across that video again, I'd like to see it.

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Seppure ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Name of arrays

Posted by [Brian Wolven](#) on Tue, 21 Feb 2012 22:53:38 GMT

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I'm always happy to see people provide pointers on using structures. ;)

Which reminds me of this classic xkcd cartoon: <http://xkcd.com/138/>

Subject: Re: Name of arrays

Posted by [Israel Rodriguez Herm](#) on Wed, 22 Feb 2012 10:04:34 GMT

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I'm totally agree, a fancy interface for pointers is exactly what I need!

I'm trying to download the demo version but I haven't found it. There is not demo version anymore?

Regards,

Israel

Subject: Re: Name of arrays

Posted by [David Fanning](#) on Wed, 22 Feb 2012 13:28:08 GMT

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Israel Rodriguez Hermelo writes:

- > I'm totally agree, a fancy interface for pointers is exactly what I
- > need!
- >
- > I'm trying to download the demo version but I haven't found it. There
- > is not demo version anymore?

The Search function on the Excelis web page is designed to obfuscate the presence of anything important, but if you wander around blindly for a hour or so, you might chance on the IDL download. That's what you want.

Cheers,

David

--

David Fanning, Ph.D.

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Name of arrays

Posted by [Brian Wolven](#) on Wed, 22 Feb 2012 16:22:57 GMT

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What? Is there no cg_rsi_search.pro, er, cg_ittvis_search.pro, um, I mean cg_excelis_search.pro?

Subject: Re: Name of arrays

Posted by [David Fanning](#) on Wed, 22 Feb 2012 16:34:31 GMT

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Brian Wolven writes:

> What? Is there no cg_rsi_search.pro, er, cg_ittvis_search.pro, um, I mean
cg_excelis_search.pro?

Some things are hopeless and can't be fixed (apparently). :-)

Cheers,

David

--

David Fanning, Ph.D.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Name of arrays

Posted by [Israel Rodriguez Herm](#) on Thu, 23 Feb 2012 11:40:11 GMT

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On Feb 22, 5:34 pm, David Fanning <n...@idlcoyote.com> wrote:

> Brian Wolven writes:

>> What? Is there no cg_rsi_search.pro, er, cg_ittvis_search.pro, um, I mean
cg_excelis_search.pro?

>

> Some things are hopeless and can't be fixed (apparently). :-)

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> Cheers,

>

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

I give up, I can't find it :(

Subject: Re: Name of arrays
Posted by [penteado](#) on Thu, 23 Feb 2012 15:08:49 GMT
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On Feb 22, 8:04 am, Israel Rodriguez Hermelo <israelherm...@gmail.com> wrote:

- > I'm totally agree, a fancy interface for pointers is exactly what I
- > need!
- >
- > I'm trying to download the demo version but I haven't found it. There
- > is not demo version anymore?

The "Downloads" menu, on the front page of <http://www.exelisvis.com/>

Then you can follow the links through
<http://www.exelisvis.com/Downloads/Download.aspx?product=IDL>

Subject: Re: Name of arrays
Posted by [Israel Rodriguez Herm](#) on Thu, 23 Feb 2012 17:08:04 GMT
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On Feb 23, 4:08 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

- > On Feb 22, 8:04 am, Israel Rodriguez Hermelo <israelherm...@gmail.com>
 - > wrote:
 - >
 - >> I'm totally agree, a fancy interface for pointers is exactly what I
 - >> need!
 - >
 - >> I'm trying to download the demo version but I haven't found it. There
 - >> is not demo version anymore?
 - >
 - > The "Downloads" menu, on the front page of <http://www.exelisvis.com/>
 - >
 - > Then you can follow the links
- through <http://www.exelisvis.com/Downloads/Download.aspx?product=IDL>

I've got the message "Access Denied"... I guess I'll need to ask permission to one of the "Representative contacts"... do I have any choice to get the permission? I red somewhere in this forum that I don't

Thanks!

Israel

Subject: Re: Name of arrays

Posted by [penteado](#) on Thu, 23 Feb 2012 17:19:12 GMT

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On Feb 23, 3:08 pm, Israel Rodriguez Hermelo <israelherm...@gmail.com> wrote:

> I've got the message "Access Denied"... I guess I'll need to ask
> permission to one of the "Representative contacts"... do I have any
> choice to get the permission? I red somewhere in this forum that I
> don't

If you do not have an account, you need to create one. Or at least that is how it used to be.

Subject: Re: Name of arrays

Posted by [David Fanning](#) on Thu, 23 Feb 2012 17:30:40 GMT

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Paulo Penteado writes:

> If you do not have an account, you need to create one. Or at least
> that is how it used to be.

You will have to provide a name for the account. Wily Coyote has been used. Many times. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Name of arrays

Posted by [Israel Rodriguez Herm](#) on Thu, 23 Feb 2012 18:14:06 GMT

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On Feb 23, 6:30 pm, David Fanning <n...@idlcoyote.com> wrote:

> Paulo Penteadó writes:
>> If you do not have an account, you need to create one. Or at least
>> that is how it used to be.
>
> You will have to provide a name for the account. Wily
> Coyote has been used. Many times. :-)
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Yes, I have my account but anyway I've got acces denied.

Dear David, is that an invitation to use Wily Coyote? It would be great ;) If it is an invitation, might I ask what is the password?

Best regards,

Israel

Subject: Re: Name of arrays

Posted by [Paul Van Delst\[1\]](#) on Thu, 23 Feb 2012 18:32:22 GMT

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If that username is taken, try: "Wile E. Coyote"

Without doubt the password should be: "beep beep"

:o)

Israel Rodriguez Hermelo wrote:

> On Feb 23, 6:30 pm, David Fanning <n...@idlcoyote.com> wrote:
>> Paulo Penteadó writes:
>>> If you do not have an account, you need to create one. Or at least
>>> that is how it used to be.
>> You will have to provide a name for the account. Wily
>> Coyote has been used. Many times. :-)
>>
>> Cheers,
>>
>> David
>>
>> --
>> David Fanning, Ph.D.
>> Fanning Software Consulting, Inc.
>> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
>
> Yes, I have my account but anyway I've got acces denied.
>
> Dear David, is that an invitation to use Wily Coyote? It would be
> great ;) If it is an invitation, might I ask what is the password?
>
> Best regards,
>
> Israel

Subject: Re: Name of arrays

Posted by [David Fanning](#) on Thu, 23 Feb 2012 19:16:36 GMT

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Israel Rodriguez Hermelo writes:

> Dear David, is that an invitation to use Wily Coyote? It would be
> great ;) If it is an invitation, might I ask what is the password?

Sorry, I'm always in too much hot water already. Coyote, though, has been known to give out his phone number, passwords, etc., indiscriminately if the request is submitted with a picture of the requester in a micro-bikini. (If you don't have a picture of you, one of your sister might work.)

Cheers,

David

--

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

Subject: Re: Name of arrays
Posted by [Israel Rodriguez Herm](#) on Thu, 23 Feb 2012 20:17:48 GMT
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On Feb 23, 8:16 pm, David Fanning <n...@idlcoyote.com> wrote:

- > Sorry, I'm always in too much hot water already. Coyote,
- > though, has been known to give out his phone number, passwords,
- > etc., indiscriminately if the request is submitted with
- > a picture of the requester in a micro-bikini. (If you
- > don't have a picture of you, one of your sister might work.)

If that's is the only it takes to get password, here it's me on my last holidays:

<http://supercheng.tv/wiki/mankini-fat-i13.jpg>

hehe ok, I'll ask the permission to one of the "Representative contacts"

Regards,

Israel

Subject: Re: Name of arrays
Posted by [David Fanning](#) on Thu, 23 Feb 2012 20:21:14 GMT
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Israel Rodriguez Hermelo writes:

- > If that's is the only it takes to get password, here it's me on my
- > last holidays:
- >
- > <http://supercheng.tv/wiki/mankini-fat-i13.jpg>

Now **that's** what I'm talking about! Coyote already has it in a frame over his desk. :-)

Cheers,

David

--

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

Subject: Re: Name of arrays
Posted by [Israel Rodriguez Herm](#) on Fri, 24 Feb 2012 00:12:34 GMT
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On Feb 21, 11:02 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:
> On Feb 21, 6:36 pm, Israel Rodriguez Hermelo <israelherm...@gmail.com>
> wrote:
>
>> Would this code work? If the answer is yes, then I need to talk with
>> my boss about IDL v8 ;)
>
> Yes, it would work.
>
> As David said, you could do it with CM's hashtable. For IDL pre-8.0,
> it would be something like:
>
> MONTH=['MARCH','JULY']
>
> DAY=obj_new('hashtable')
> TEMPERATURE=obj_new('hashtable')
>
> Nmonth=N_ELEMENTS(MONTH)
>
> for i=0, Nmonth-1 do begin
>
> readcol, 'DATA_'+MONTH(i)+'.txt', D, T
>
> DAY->add,D
> TEMPERATURE->add,T
>
> endfor
>
> plot, DAY->get(MONTH[0]), temperature->get(MONTH[0])
> oplot, DAY->get(MONTH[1]), TEMPERATURE->get(MONTH[1])

Since I'm quite sure that I'll never get the demo version of IDL8 I've

tried with this solution. It works fine for me. Thanks a lot Paolo.

Regards,

Israel
