
Subject: Re: use of loops in IDL for hashtable
Posted by [b.a](#) on Tue, 08 Sep 2009 03:35:29 GMT
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On Sep 8, 12:36 pm, pp <pp.pente...@gmail.com> wrote:
> On Sep 7, 11:16 pm, "b.a" <u4565...@anu.edu.au> wrote:
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>> On Sep 7, 6:08 pm, Wox <s...@nomail.com> wrote:
>
>>> On Sun, 6 Sep 2009 19:01:06 -0700 (PDT), "b.a" <u4565...@anu.edu.au>
>>> wrote:
>
>>>> Hi,
>
>>>> I have 2 hashtables in my IDL program. one is called fileList which
>>>> has (id , data) as its (key, value) and second one is colorList
>>>> (id , color). I want to define a "foreach" loop so that for each id
>>>> of colorList which exists in fileList, it plots the data with the
>>>> "color". I mean for each string "id" get the "data" from fileList and
>>>> get the "color" from colorList and plot the data in that colour.
>
>>>> Can anybody help me with this please.
>
>>>> Thank you
>
>>> Are you using Craig Markwardt's hash table object? This object has a
>>> method "KEYS" which returns all existing keys in a hash table, so you
>>> can loop over all keys in colorList (or fileList), use "ISCONTAINED"
>>> to check whether the key is in fileList (or colorList) and do your
>>> plotting when it is (employing the Get method to get data and color).
>
>> Thanks for your reply.
>> Yes, I am using Craig Markwardt's hash table object. The problem with
>> using KEY() is that the keys are not like {1, 2, 3, 4, ...} that I can
>> loop over them. they are like {76, 65, 90, 2, 503, ...}. and I don't
>> know the largest key. I have to say for i=0 till some number, go i+1
>> and if i+1 is contained in the keys, return its value and rest of the
>> things. but I can't specify that "some number". So I think I have to
>> use "for each" loop. But I don't know the syntax for it in my case.
>
> KEYS() returns an array of key names. So you loop over the elements of
> this array. Something like:
>
> colorkeys=colorList->keys()

```
> for i=0,n_elements(colorkeys)-1 do if fileList->iscontained(colorkeys
> [i]) then *do stuff*- Hide quoted text -
>
> - Show quoted text -
```

Thanks a lot!
