Subject: Re: using Container object for Strings? Posted by David Fanning on Thu, 08 Mar 2007 17:52:37 GMT

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## Laurens writes:

- > It must be that i'm too sleepy or worked too much this day, but i'm
- missing something here...
- > I want to load, get, set and save some settings into my program and i'm
- > doing so using an xml-file. All good there, code looks good and looks
- > like its workin allright.

>

- Now I want every setting I read being put into an IDL container, one
- > container for the setting name, one container for the value. I like the
- > idea of an container for that it manages its size automatically and I
- > though of it as a feature that I could use isContained("name",
- > POSITION=pos) to find elements.

>

- > Now, appearantly I was wrong. First of all, it seems i can only put
- > objects into that container as it doesn't accept a string. There flies
- > the idea of searching in a fast way. Second, well there really is no
- > second...if I can't store strings, I can't store any names nor any
- values (all settings are stored as string).

>

- > Now, am I thinking to complicated, or is there a workaround to put
- > strings into those containers and keep the nice "isContained" searching
- > (which its function I probably just misunderstood)?

> Looking forward to some wise thoughts:)

You are probably looking in the wrong place for wise thoughts, but IDL\_Containers are just for objects. Seems to me you want to build some kind of hash object. I seem to recall someone doing it before, but I can't find a reference.

Cheers,

David

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: using Container object for Strings?

## Posted by Matt[2] on Thu, 08 Mar 2007 18:25:24 GMT

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David Fanning <news@dfanning.com> writes:

- > Laurens writes:
- > You are probably looking in the wrong place for wise thoughts,
- > but IDL\_Containers are just for objects. Seems to me you
- > want to build some kind of hash object. I seem to recall someone
- > doing it before, but I can't find a reference.

It's in Craig Markwart's library. hashtable\_\_define.pro

Direct link to library. http://cow.physics.wisc.edu/~craigm/idl/idl.html

Newsgroup anouncement. http://tinyurl.com/2ou9k3

I use it nearly every day.

Matt

Matthew Savoie - Scientific Programmer National Snow and Ice Data Center (303) 735-0785 http://nsidc.org

Subject: Re: using Container object for Strings? Posted by Laurens on Thu, 08 Mar 2007 18:53:05 GMT

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## Matt wrote:

> David Fanning <news@dfanning.com> writes:

>

- >> Laurens writes:
- >> You are probably looking in the wrong place for wise thoughts,
- >> but IDL\_Containers are just for objects. Seems to me you
- >> want to build some kind of hash object. I seem to recall someone
- >> doing it before, but I can't find a reference.

>

- > It's in Craig Markwart's library.
- > hashtable define.pro

```
>
>
> Direct link to library.
> http://cow.physics.wisc.edu/~craigm/idl/idl.html
>
>
> Newsgroup anouncement.
> http://tinyurl.com/2ou9k3
>
>
> I use it nearly every day.
> Matt
>
> Matthew Savoie - Scientific Programmer
> National Snow and Ice Data Center
> (303) 735-0785 http://nsidc.org
Looks like that's just what I need:) Will test it tommorrow but i'm
sure it'll do the job. Thanks!
```

Laurens