Subject: Re: Retrieving elements of function returns Posted by David Fanning on Thu, 25 Nov 2004 13:03:06 GMT

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Ben Panter writes:

- > Bit of an odd request this. I've recently found that I can take the
- > nth element of a returned array by enlosing the function in brackets and
- > then appending an array subscript:

> > n niv=(ci

> n_pix=(size(grid))[1]

>

> which is a bit neater than

>

- > n_pix=size(grid)
- > n_pix=n_pix[1]

>

- > I've had a look though the online help, and I can't decide if this is a
- > reasonable thing to do or not -- primarily I'm concerned that this is
- > some sort of undocumented feature which may disappear in later versions.

>

> Can someone reassure me that it's ok?!

Oh, this is perfectly OK, although the syntax does become a bit C-ish for some people's taste. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Subject: Re: Retrieving elements of function returns Posted by Paolo Grigis on Thu, 25 Nov 2004 13:03:24 GMT View Forum Message <> Reply to Message

Ben Panter wrote:

- > Hello All.
- >
- > Bit of an odd request this. I've recently found that I can take the
- > nth element of a returned array by enlosing the function in brackets and
- > then appending an array subscript:

>

> n_pix=(size(grid))[1]

```
> which is a bit neater than
> 
> n_pix=size(grid)
> n_pix=n_pix[1]
>
```

- > I've had a look though the online help, and I can't decide if this is a
- > reasonable thing to do or not -- primarily I'm concerned that this is
- > some sort of undocumented feature which may disappear in later versions.

>

> Can someone reassure me that it's ok?!

This is documented in the manual "Building IDL Applications", Chapter 6, Section Array Subscripts, p.123 in the IDL 6.0 version.

Ciao, Paolo

>

> Cheers,

>

> Ben

>

Paolo Grigis

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Subject: Re: Retrieving elements of function returns Posted by Ben Panter on Thu, 25 Nov 2004 13:43:01 GMT

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Paolo Grigis wrote:

- > This is documented in the manual "Building IDL Applications",
- > Chapter 6, Section Array Subscripts, p.123 in the IDL 6.0 version.

Thanks Paolo, David -- that's great news.\

Ben

-=-=-=-Ben Panter, Garching, Germany

email via www.benpanter.co.uk