Subject: Re: work with structures
Posted by Paul Van Delst[1] on Wed, 17 Nov 2010 16:09:21 GMT
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Jean wrote:
> I have a program that takes a structure as one of its argument. I want
> this program to parse and display its contains.
>
> The structue may looks like this:
>
> structure = { var1: {label:'label of var1', value:'value of var1'},$
>   var2: {label:'label of var2', value:'value of
> var2'},$
>   ... }
>
> I'm not supposed to know in advance the name of var1. Using tag_names,
> I was able to retrieve those names, but know I need to get the label
> and value of each of them and this is where I'm stuck.
>
> of course doing something like
>
> list_var = tag_names(structure)
> for i=0,n_tags(structure)-1 do begin
>   print, structure.list_var[i].label   !!! not working

what about:
    print, (structure.(i)).label

?

I may have overused the parentheses.

> endfor
>
> did not work !
>
> Any idea how I can do that ?
>
> Jean

Subject: Re: work with structures
Posted by Michael Galloy on Wed, 17 Nov 2010 16:11:20 GMT
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On 11/17/10 9:00 AM, Jean wrote:
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> endfor
>
> did not work !
>
> Any idea how I can do that ?
>
> Jean

Try:

```
list_var = tag_names(structure)
for i = 0L, n_tags(structure) - 1L do begin
  print, list_var[i], structure.(i).label, structure.(i).value
endfor
```

Mike
--
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Subject: Re: work with structures
Posted by Jean[2] on Wed, 17 Nov 2010 16:13:11 GMT
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On Nov 17, 11:11 am, Michael Galloy <mgal...@gmail.com> wrote:
> On 11/17/10 9:00 AM, Jean wrote:
>
>
>

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>> Jean
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>   print, list_var[i], structure.(i).label, structure.(i).value
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>
> Mike
> --www.michaelgalloy.com
> Research Mathematician
> Tech-X Corporation

That's exactly what I was looking for. Thanks guys.

Jean