
Subject: Re: Broken hash init()

Posted by [penteado](#) on Wed, 27 Oct 2010 23:18:12 GMT

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On Oct 27, 8:57 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

> I just noticed that the init method is not properly creating hashes
> from structures on some situations:

```
>  
> IDL> a={b:list(1,2)}  
> IDL> print,a  
> {<ObjHeapVar1(LIST)>}  
> IDL> print,a.b  
>    1  
>    2  
> IDL> h=hash(a)  
> IDL> print,h  
> B:    1
```

```
>  
> Or,  
>  
> IDL> a={b:[1,2]}  
> IDL> print,a  
> {    1    2}  
>  
> IDL> h=hash(a)  
> IDL> print,h  
> B:    1
```

```
>  
> But this works:  
>  
> IDL> a={b:9,c:[5,8]}  
> IDL> print,a  
> {    9    5    8}  
>  
> IDL> h=hash(a)  
> IDL> print,h  
> B:    9  
> C:    5    8
```

Trying to get around that problem, I encountered the same problem because I forgot about the bug with foreach on string arrays. So perhaps that is also causing the problem with hash::init():

```
IDL> a={a:[1,2]}  
IDL> h=hash()  
IDL> foreach tag,tag_names(a),i do h[tag]=a.(i)  
IDL> print,h  
A:    1
```

Using a for loop instead of the foreach, it works normally:

```
IDL> tn=tag_names(a)
IDL> for i=0,n_elements(tn)-1 do h[tn[i]]=a.(i)
IDL> print,h
A:    1    2
```
