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Subject: Re: DLM heap variable access

Posted by [penteado](#) on Fri, 03 Jul 2009 15:46:38 GMT

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I was looking around the files, and found some odd things:

1) There is a method in `list__define`, which appears to do what the documentation calls `Join`. But it is called `Simp`. However, it tries to call a nonexisting function `list_simp`, which I thus I replaced by a call to `list_join`.

2) 3 of the methods (function and procedure `Show`, plus `Simp`), when called, apparently destroyed the list. That is:

```
IDL> a=obj_new('list')
IDL> a->append,9d0
IDL> a->append,5d0
IDL> print,list_active()
      1
IDL> a->show
(9.0000000 5.0000000)
IDL> print,list_active()
      0
IDL> obj_destroy,a
% LIST_FREE: Argument not of list type.
```

Which I found could be solved (though I do not understand why), by replacing the argument in the calls to the list functions, to use a copy of `self.d`. That is, replacing

```
print, list_show(self.d)
```

by

```
d=self.d
print, list_show(d)
```

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