
Subject: Re: Returning values within _EXTRA.
Posted by [Vap User](#) on Thu, 13 Aug 1998 07:00:00 GMT
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Imanol Echave <ccaeccai@sc.ehu.es> writes:

I'm going to answer this one again to spare myself a little egg on the face occasioned by my previous answer. I just read the help for Obj_destroy and find that you can specify both arguments and keywords. So you should pass keywords to the getproperty method using _ref_extra.

Consider the following

```
FUNCTION junk::Init, prop1, prop2
  IF n_params() NE 2 THEN return,0
  self.prop1 = prop1
  self.prop2 = prop2
  return,1
END
```

```
PRO junk::cleanup, _ref_extra = extra
  self-> get,_extra = extra
END
```

```
PRO junk::get, prop1 = prop1, prop2=prop2
  IF arg_present( prop1 ) THEN prop1 = self.prop1
  IF arg_present( prop2 ) THEN prop2 = self.prop2
END
```

```
PRO junk::set, prop1 = prop1, prop2=prop2
  IF n_elements( prop1 ) NE 0 THEN self.prop1 = prop1
  IF n_elements( prop2 ) NE 0 THEN self.prop2 = prop2
END
```

```
PRO junk__define
  junk = {JUNK,$
          prop1:0I,$
          prop2:0I }
```

END

```
IDL> .run /tmp/junk__define.pro
% Compiled module: JUNK::INIT.
% Compiled module: JUNK::CLEANUP.
% Compiled module: JUNK::GET.
% Compiled module: JUNK::SET.
% Compiled module: JUNK__DEFINE.
```

```
IDL> j=obj_new('junk',1,2)
IDL> j->get,prop1=p1,prop2=p2 & print,p1,p2
      1      2
IDL> j->set,prop1=3,prop2=10
IDL> j->get,prop1=p1,prop2=p2 & print,p1,p2
      3      10
IDL> obj_destroy,j,prop1=pp1,prop2=pp2
IDL> print,pp1,pp2
      3      10
IDL>
```

```
>
> Hi people:
>
> When you use a keyword parameter on a program, it's possible to change the
> value of the keyword (if it's a named value), OK. But, I want to do the same
> using the _EXTRA keyword, and it doesn't work (because a tag of a structure is
> passed by value, I think). Anybody knows how to do it?
>
> An example: I'm creating a class, and on the CLEANUP method I want to return
> the object properties values on keywords, so I call the GETPROPERTY method
> within the CLEANUP method. I tried this:
>
> PRO ...::Cleanup,_EXTRA=extra
>
>   self->GetProperty,_EXTRA=extra
>   ...
> END
>
> But it doesn't work. Any advice?
```

```
--
I don't speak for JPL, it doesn't speak for me.
Well, not all the time, at least.
William Daffer <vapuser@haifung.jpl.nasa.gov>
```
