Subject: object argument passing behaviour changed in v8.2.2?
Posted by Paul Van Delst[1] on Mon, 21 Oct 2013 21:21:34 GMT
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Hello,

I have some code that looks like:

```
 ! Create array for interpolated results
 isrf = OBJARR(n_channel_detectors)

 ; Begin detector loop
 FOR i = 0, n_channel_detectors - 1 DO BEGIN
  PRINT, FORMAT='(6x,"Processing detector ",i4)', detector[i]

  ; Create new oSRF objects for this detector
  osrf    = OBJ_NEW('oSRF',Debug=Debug)
  isrf[i] = OBJ_NEW('oSRF',Debug=Debug)

  ; Load raw SRF data
  osrf->Load_Data

  ...etc...

  ; Compute frequency grid from osrf and load into isrf element
  osrf->Compute_Interpolation_Frequency, $
    isrf[i], $
    /LoRes, $
    Debug=Debug

  ; Perform interpolation of osrf on isrf element grid
  osrf->Interpolate, $
    isrf[i], $
    Debug=Debug

  ...etc...

 ENDFOR
```

Previously, the call to "Compute_Interpolation_Frequency" would allocate
the resulting object, fill it with data, and dutifully return everything
into "isrf[i]" which is also an argument to the "Interpolate" method.

Now, however, I'm finding that isrf[i] is an empty object right after
the call to "Compute_Interpolation_Frequency".

Did the passing behaviour for objects and object arrays change at some point to behave similarly to passing structures (i.e. you can't pass a structure array element and expect changes to make it out)?

If so, how does one perform a deep copy of an object into an object array element?

Confusedly Yours,

paulv
