
Subject: How to do nested objects??

Posted by [Jon Robinson](#) on Tue, 24 Jun 2003 23:33:50 GMT

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I have a class that I want to have hold another object. My code compiles without error, however, when I try to run it, I get the error:

```
% Variable is undefined: JWR_CAL_IMAGE_FILE_NAMES.
% Execution halted at: JWR_CALIBRATIONNOTES__DEFINE 196
C:\RSI\IDL56\products\envi36\save_add\MultiSpectralImageCalibration__define.
pro
% OBJ_NEW
% MULTISPECTRALCALIBRATION 13
C:\RSI\IDL56\products\envi36\save_add\MultiSpectralCalibration.pro
% $MAIN$
```

The contained object is:

```
PRO JWR_CAL_Image_File_Names__define
struct = { JWR_CAL_Image_File_Names, InFileNames:STRARR(251) }
END ; PRO JWR_CAL_Image_File_Names__define
```

The containing object is:

```
PRO JWR_CalibrationNotes__define
struct = { JWR_CalibrationNotes, InFileName:", $
PathToDataFiles:", $
NumberOfNotes:0, $
NotesArray:OBJARR(80), $
CalibImageFileNames:JWR_CAL_Image_File_Names, ROIFileIDs:LONARR(4) }
END ; PRO JWR_CalibrationNotes__define
```

I get the error message quoted above when I try to create the containing object:

```
PRO MultiSpectralCalibration
; Create Calibration File List Object
```

```
CFL = OBJ_NEW( 'JWR_CalibrationNotes' )
```

```
OBJ_DESTROY, CFL
END ; PRO MultiSpectralCalibration
```
