
Subject: IDL 8.0.1 ARG_PRESENT question
Posted by [David Groff](#) on Sun, 21 Nov 2010 17:15:34 GMT
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I call a method named assign like so:

```
osrf->Assign, isrf[n], Debug=Debug
```

In the assign method I see the following:

```
PRO OSRF::Assign, $
  new, $      ; Output
  Debug=Debug ; Input keyword

; Set up
; ...OSRF parameters
@osrf_parameters
; ...Set up error handler
@osrf_pro_err_handler

; ...ALL *input* pointers must be associated
IF ( self->Associated(Debug=Debug) EQ FALSE ) THEN $
  MESSAGE, 'Some or all input OSRF pointer members are NOT
associated.', $
    NONAME=MsgSwitch, NOPRINT=MsgSwitch

; ...Return argument must be present
IF ( NOT ARG_PRESENT(new) ) THEN $
  MESSAGE, 'No output object argument specified.', $
    NONAME=MsgSwitch, NOPRINT=MsgSwitch
```

When I call the assign method as shown above I see the following error message:

```
% WRITE_VIIRS_SRF: OSRF::LOAD_VIIRS: OSRF::ASSIGN: No output object
argument specified.
% Execution halted at: WRITE_VIIRS_SRF  10
/usr2/trunk_new/scripts/idl/osrf/lib/osrf_pro_err_handler.pr o
%                               $MAIN$
```

Adding a STOP just before the line where I see " IF (NOT ARG_PRESENT(new)) " in the assign method, I get the following from

the idl prompt:

```
IDL> help, new  
NEW      OBJREF  = <ObjHeapVar2770(OSRF)>
```

Why does ARG_PRESENT(new) evaluate to FALSE?

Thanks for any help in advance.
