
Subject: Re: RESOLVE_ALL problem

Posted by [Allan Whiteford](#) on Tue, 12 Aug 2008 08:22:47 GMT

[View Forum Message](#) <> [Reply to Message](#)

b_gom@hotmail.com wrote:

> I'm trying to build a .sav file from a project that used to work, but
> is now giving the following error when I call RESOLVE_ALL or use the
> 'Build Project' menu option:
>
> % Attempt to call undefined procedure/function: 'CALL_FUNCTION'.
> % Error occurred at: RESOLVE_ALL_BODY 290 C:\Program Files\ITT
> \IDL70\lib\resolve_all.pro
> % RESOLVE_ALL 351 C:\Program Files\ITT
> \IDL70\lib\resolve_all.pro
> % \$MAIN\$
> % Execution halted at: \$MAIN\$
>
> Any idea what is causing this? CALL_FUNCTION works properly, so I
> don't know why RESOLVE_ALL chokes on it.
>
> Thanks

If you've got a line of code somewhere which has a call_function call
but you're calling it like a *procedure* then you'll get this error.

For example:

```
pro test
  if 1 eq 0 then begin
    call_function,'myfunction'
  endif else begin
    print,'hello'
  endelse
end
```

will compile and run with no problems because IDL never has to try to
call a *procedure* called call_function. However, resolve_all will choke
on it.

It could, of course, be something else but it's worth checking your code
to make sure all of your call_function calls are calling it like a function.

Thanks,

Allan

Subject: Re: RESOLVE_ALL problem
Posted by [b_gom](#) on Tue, 12 Aug 2008 16:35:12 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Aug 12, 2:22 am, Allan Whiteford
<allan.rem...@phys.remove.strath.ac.remove.uk> wrote:

- > If you've got a line of code somewhere which has a call_function call
- > but you're calling it like a *procedure* then you'll get this error.

That was it- Thanks! I had to search through a lot of utility
procedures to find the culprit.
