
Subject: Compiling programmes within programmes.

Posted by [Karthikayan Balakrish\[2\]](#) on Wed, 08 Oct 2003 20:59:06 GMT

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Hello All,

I looked at the previous posts where people had similar problems like I do now: how do you compile a programme within another. Here is the error message

```
IDL> make_roi
% LOADCT: Loading table RAINBOW
% Attempt to call undefined procedure/function: 'RECONKERNEL'.
```

So I first tried adding this to make_roi.pro
!path = !path+':/home/karthik/ROI/30Apr2003'

That did not work. And then I added:
Resolve_routine, 'FileMenu.pro' and
Resolve_routine, 'Reconkernel.pro'
Still no luck.

Then tried David's method (from an earlier post)

```
PRO make_roi_make
  Resolve_Routine, 'backproject.pro'
  Resolve_Routine, 'display_resize.pro'
  Resolve_Routine, 'FileMenu.pro'
  Resolve_Routine, 'forward_project.pro'
  Resolve_Routine, 'interactivedraw.pro'
  Resolve_Routine, 'make_roi.pro'
  Resolve_Routine, 'plot_tac.pro'
  Resolve_Routine, 'project1.pro'
  Resolve_Routine, 'ReconKernel.pro'
  Resolve_Routine, 'refresh.pro'
  Resolve_Routine, 'ROI_Cleanup.pro'
  Resolve_Routine, 'SaveTAC.pro'
  Resolve_Routine, 'Set_Frame.pro'
  Resolve_Routine, 'Set_Slice.pro'
  Resolve_All
  Save, /Routines, File='roi.sav'
END
```

and that too did not work:

```
Error message = IDL> .compile make_roi_make.pro
% Compiled module: MAKE_ROI_MAKE.
IDL> .run make_roi_make.pro
% Compiled module: MAKE_ROI_MAKE.
IDL> make_roi_make
% Attempt to call undefined procedure/function: 'BACKPROJECT.PRO'.
```

```
% Execution halted at: MAKE_ROI_MAKE    2  
/home/karthik/ROI/30Apr2003/make_roi_make.pro  
% $MAIN$
```

Can anyone point out what I am doing wrong? When I make a project file with IDLDE things work. Using Emacs and IDLWAVE things do not work. The code is rather long and I broke into individual files each with one procedure or function.

IDL 5.6 on Redhat Linux 2.4.20-8

Thanks in advance,

Karthik.
