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Subject: 'Open Declaration' finds the wrong instance of a routine

Posted by [BillG](#) on Wed, 10 Jul 2013 18:03:51 GMT

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The idl workbench has a convenient feature: in the editor, if you right-click on a call to a procedure and select "Open Declaration", idl will open that procedure in a new window. However, it doesn't always find the correct instance of that procedure. Details below.

I have a project that contains multiple copies of an idl procedure `calc_a.pro` (see diagram below.)

- Only one copy of `calc_a` is in `!path`.
- The routine `calc_b.pro` calls `calc_a`.
- In `calc_b.pro`, if I right-click on the call to `calc_a` and select "Open Declaration", it opens `\project\old\calc_a.pro` not `\project\proc.calc_a.pro`.
- However, 'help,/source' shows that the desired copy of `calc_a.pro` has been compiled.

How do I prevent IDL from opening the wrong copy of `calc_a.pro`? The different copies of `calc_a.pro` may be different leading to confusion or worse.

Notes:

- `C:\MyProject\old` is **\*\*\*not\*\*\*** in `!path` nor is `'./'`
- Project>Properties>IDL Project Properties>"Update IDL path when project is opened or closed" is un-checked.
- The tab "Problems" shows  
"Duplicate Routine: `calc_a calc_a.pro C:\MyProject\old`

The problem does not appear to be with `!path`, but I can't find any other settings or preferences that control this behavior.

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Project structure:

```
\MyProject
  \proc
    calc_a.pro
    calc_b.pro
  \old
    calc_a.pro
```

```
IDL> print, !path
C:\(idl stuff);C:\MyProject\proc
```

```
IDL> help,/source
...
...
calc_a C:\MyProject\proc\calc_a.pro
...
```

idl 8.2.2  
Windows 7 pro

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Any suggestions?

Cheers,

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