
Subject: Re: large source trees and networked paths in 7.0

Posted by [b_gom](#) on Thu, 06 Dec 2007 00:09:07 GMT

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On Dec 5, 3:57 pm, Rick Towler <rick.tow...@nomail.noaa.gov> wrote:

> That's not how I read Doug's email (Re: IDL 7 on LINUX Question dated
> 11/30 @5:55 PST). He states that you can turn off the "Update IDL Path
> Preference" property which will allow IDL 7 to behave like earlier
> versions. I would guess (I haven't installed it yet) that you can unset
> this property, set the path appropriately, never use the projects, and
> write simple programs as before.

Well, I've tried pretending I was a new user in my group. I started fresh with a new workspace, not defining any other projects, setting the path to search my normal network source repository, and disabling the 'Update IDL Path' option in the default project. Now, when I start IDL, I can access programs from the command line, and write code the 'old fashioned' way. However, I still get the 'Analyzing Code' progress bar which never goes away, and the network usage which stays at ~170KB/s for as long as I care to wait.

Presumably the Workbench is parsing every file in my (probably too large) IDL source path, and examining files much more thoroughly than previous versions of IDL did which only resolved the path for each .pro file. This will add up to a large burden on my file server, so apparently new users will have to configure the path more restrictively, or set up projects for the specific libraries they want to use. Unless I'm still missing something.

Is there a way to disable the other fancy features in the Workbench, which require parsing all the procedures in the path?

If not, I'm suspecting that I will have to define a set of projects with linked resources, for all the groups of library functions that new users are likely to need, and put these in a project folder in my networked source tree. New users will have these projects included in their default workspace, and will need to open the appropriate library projects depending on what they are doing, and close them to conserve bandwidth (and a lot of CPU cycles).

(However, I've also noticed that when I close a project with a linked path in it, and the 'Update IDL Path' option is enabled for that project, the Workbench continues to parse the contained procedures and the path isn't removed from the !PATH variable. This doesn't seem right. In other words, when I open the project, the paths are added to !PATH, but when I close the project, the paths aren't removed.)

The other option is to set up a CVS server and use the new CVS features, but this isn't very attractive from a simplicity point of view either.
