
Subject: Re: IDL and NIS - cd?

Posted by [knipp](#) on Tue, 07 Jun 1994 13:43:15 GMT

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In article 115516@wpyx77.physik.uni-wuerzburg.de, kienlin@physik.uni-wuerzburg.de (Markus von Kienlin) writes:

> Hi IDL-folks,

>

> we are running IDL 3.5.1 on an IBM RS6k/530h under AIX 3.2.5. Recently, we have installed yellow pages/NIS on our workstation cluster. All users now have their home-directory on only one workstation, which may be not the workstation running IDL. However, IDL seems to have a problem when the directory from which it is launched is only mounted by NIS(automount):

>

> Giving the command: "cd, current=test" comes back with the error message:

> "% Unable to get working directory." This prevents execution of utilities like "pickfile". This only occurs when the keyword current is given.

>

> Has anybody encountered this difficulty? Is this due to the symbolic links in the file system hierarchy across the network? Are there workarounds?

>

> Please, mail your replies to kienlin@physik.uni-wuerzburg.de

>

> Thanks and cheers,

> Markus

>

For IDL 3.1.1 (sunos sparc) (Sun SparcStation 1) and NIS implemented it works perfectly well, no matter on which directory it is started.

Seems to me more to be a problem with IBM / AIX :-)

Karlheinz

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Subject: Re: IDL and NIS - cd?

Posted by [ralfu](#) on Tue, 07 Jun 1994 16:53:43 GMT

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In article <1994Jun7.134315.4420@newsserver.rrzn.uni-hannover.de>, knipp@ipi.uni-hannover.de (K Knipp) writes:
[stuff deleted]

|>

|> For IDL 3.1.1 (sunos sparc) (Sun SparcStation 1) and NIS implemented
|> it works perfectly well, no matter on which directory it is started.

|>

|> Seems to me more to be a problem with IBM / AIX :-)

|>

It works perfectly well on our NFS/NIS-Cluster of several RS/6000 (AIX3.2.4 and all versions since 3.2) no matter on which directory it is started.

This is definitely not a problem with IBM / AIX.

[Well, there is a minor problem that the linstat command does not give back the info of current users of the network license. The error is:

Feature usage info:

Users of idl: Cannot get users of idl: cannot connect to a license server

although the server is running. Anybody got a clue about what's going on here -- or a RS6k installation where this works?]

- Ralf

--

Ralf Utermann

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Subject: Re: IDL and NIS - cd?

Posted by [hahn](#) on Tue, 07 Jun 1994 21:18:44 GMT

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In article <1994Jun7.115516@wpyx77.physik.uni-wuerzburg.de>

kienlin@physik.uni-wuerzburg.de (Markus von Kienlin) writes:

> From: kienlin@physik.uni-wuerzburg.de (Markus von Kienlin)

> Subject: IDL and NIS - cd?

> Date: 7 Jun 1994 10:55:16 GMT

> Keywords: cd

> Hi IDL-folks,

> we are running IDL 3.5.1 on an IBM RS6k/530h under AIX 3.2.5. Recently, we have installed yellow pages/NIS on our workstation cluster. All users now have their home-directory on only one workstation, which may be not the workstation running IDL. However,
> IDL seems to have a problem when the directory from which it is launched is only mounted by NIS(automount):

I don't think this is a problem specific to an operating system or NIS. We used NIS for a couple of month but migrated to afs (Andrew File System) licenced from Transarc. This allows to share the same files between different systems (rs6000, DEC AXP with OSF/1 and SGI) and export (by NFS) the afs-files to other systems. (NFS does not allow to recursively export files).

Unfortunately, ILD needs write access to some files which is a kind of a problem with afs because normal Unix file access bits are replaced by access control list (similar to good old VMS). Thus some files are afs-links to normal Unix files...

Maybe you should check your enviroment setting immediately before running IDL. Your problem may be located there...

For each software product we supply a shell script named `setup.<product>` to setup the environment expected by the program. Usually there is an optional parameter to select different version. Calling `setup.idl` without any parameter establishes the enviroment for the production version of idl, If the user calls
. `setup.idl old`
he/she gets version 3.1 rather than 3.5.1...
As we only support the Korn shell, I'll send our `setup.idl` upon request by e-mail.

Hope, this helps
Norbert Hahn
University at Darmstadt, Germany
Computing Center

Subject: Re: IDL and NIS - cd?
Posted by [Markus von Kienlin](#) on Wed, 08 Jun 1994 12:01:56 GMT
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Subject: IDL and NIS - cd?
From: Markus von Kienlin, kienlin@physik.uni-wuerzburg.de
Date: 7 Jun 1994 10:55:16 GMT
In article <1994Jun7.115516@wpvx77.physik.uni-wuerzburg.de> Markus von Kienlin, kienlin@physik.uni-wuerzburg.de writes:

<...>

Hi again, IDL-folks,

Let me be a little bit more specific about the problem with "cd" in IDL that I described earlier in this group:

- (a) the problem is not linked to the IDL environment variables which are correctly defined in the script "setup.idl".
- (b) the problem occurs giving the command "cd, current=some_variable", but only when the current directory is temporarily mounted by the NIS-function "automount". Then the error-message: "% Unable to get working directory." comes up.
- (c) this is independent from where IDL has been started: the "cd" to the external directory may have been done under Unix before starting IDL, or any time from within IDL.
- (d) "cd, current=some_variable" works correctly if the current directory is permanently mounted by NFS, or for any directory on the local host.

Once again our system configuration: IDL 3.5.1, IBM RS6000/530H under AIX 3.2.5.

Any hints or help would be welcome.

Thanks, Markus

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