
Subject: Code Control with IDL

Posted by [sylvain](#) on Fri, 25 Feb 1994 20:58:19 GMT

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We are developping a reduction package that runs under IDL. We are trying to ensure code control in the reduction, namely we want to make sure that each routine used by the reduction proccess has the correct SCCS id (all our routines are registered under SCCS).

Currently we implementing this by restricting the IDL's !path to " (hence) and by executing a cd to the directory that holds the correct registered version of the reduction s/w. Unfortunately this can be very easily defeated by at least a couple of obvious way:

- executing a CD from within IDL (hence changing the location of '.')
- executing a .run /some/where/that.pro to overwrite the procedure in ./that.pro
- changing the value of !PATH, etc...

You can compile a dummy 'cd.pro' function, but the intrinsic CD will be executed (eventhough help will list you CD as a compiled function :), and I don't know of any way to disable the executive command ".RUN". Of course, I'd love to see IDL stop looking in '.' first (how hard is it to add !path = ".:"+!path in your startup file ?).

Anyway, I would be surprised if we were the first to encounter this problem. Has anybody out there tried to guarantee code control in IDL?

Thanks,

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"Nequaquam vacuum"

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