
Subject: Re: idl libraries

Posted by [Michael Galloy](#) on Fri, 11 Mar 2011 17:34:26 GMT

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On 3/11/11 6:33 AM, Reimar Bauer wrote:

- > I work currently on the next icg_lib release. This time I will switch
- > our own version control system to a common one based on mercurial.
- >
- > We have some dependencies to some routines from various libraries.
- >
- > Because IDL is not python we don't have virtualenv and pip available.
- > Also no setuptools or distutils and also no common pypi server for idl
- > software packages.

Yes, this is a major problem. Currently, my own software dependencies are to other projects of mine and handled by svn:externals, but it would be much nicer to have a system which handles versions and dependencies. It seemed like ITT VIS was starting to build this system into the Workbench, but they removed the whole thing in IDL 8.0.

- > For me the easiest solution for now is to track the few modules we need
- > also by our version control system. I dislike this solution. But much
- > more I would prefer I could add a dependency to an external packages.
- > Which becomes installed on request.

Yes, this would be great.

- > Do we have somewhere a public available mirror for all of our libs?
- > Or at least one which can be used to query for needed libs?

Not that I know of. The closest we have ever had would be Eric Deutsch's IDL Libraries Browser:

<http://www.astro.washington.edu/docs/idl/htmlhelp/>

But that hasn't been updated since 2000 and didn't automatically handle dependencies, it just allowed searching through commonly used libraries.

- > It is not so difficult to write a setup.pro which lets a user fetch all
- > needed dependencies.
- >
- > Any other ideas?

I would be up for helping on this.

Mike

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