
Subject: Re: SVN Question

Posted by [Paul Van Delst\[1\]](#) on Mon, 10 Dec 2007 17:08:41 GMT

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David Fanning wrote:

- > Subversion Experts,
- >
- > I am still struggling to get my subversion database set
- > up the way I want it so I can manage it from within
- > the Workbench.
- >
- > I set up a SNVRepository with TortoiseSNV and imported
- > a trunk, branches, and tags directory structure.
- >
- > What I would like to have is under "trunk" the directories
- > "coyote", "catalyst", etc. I was able to do this with
- > TortoiseSNV, but I am trying to learn how to do this
- > under the Workbench. (I'm always thinking about how I
- > would teach this to someone else.)
- >
- > So, with just the trunk, branches, and tags directories in
- > my repository, I bring up the SVN Repository view, and I
- > right click inside it, and choose Export.

Don't you want "checkout" ? I assume you're creating a new local sandbox. I only use "export" when I want to package code up for delivery (i.e. I don't want all the ".svn" subdirs in my tarball... although the --exclude flag in "tar" works for that too).

- > The URL of my
- > repository shows up, but cannot be changed. It points
- > to "trunk". I can export the proper directory with file,
- > then I import them back into an IDL project (giving in and
- > putting it in the IDL Workspace, as I am too weary to
- > do otherwise), etc. But, in my repository, all the files
- > are lumped into one big trunk directory.
- >
- > This is not what I want, as there is a possibility that
- > some files in "coyote" should be different in "catalyst", etc.

This statement confuses me. You don't have replicated files in your repository, surely? E.g. there is only one version of fsc_color.pro that is used by code in both the "coyote" and "catalyst" directories.

Or do you mean "projects" here?

- > Is the answer to do all repository setup with TortioseSNV,
- > and just import files from there into the Workbench?

My MO is:

- 1) Create a sandbox (branch or trunk, depending on the magnitude of changes being made)
- 2) Modify code
- 3) Run tests
- (repeat 2 and 3 as necessary)
- 4) Commit changes
- (repeat 2-4 as necessary)
- 5) Merge with trunk (if appropriate).

You should be able to create as many sandboxes as you want, for different projects or whatever. You should also be able to create "partial" sandboxes. I hardly ever check out my entire repository. My Fortran95 subdir doesn't need to know about my IDL subdir.

I can't help you with Workbench-related stuff apart from asking "Why is an IDE making it *harder* for you to do work?" Parts (2) and (3) are where I can see a developer would benefit from IDE bells, whistles and gongs. But parts (1), (4), and (5) should simply be passed along to Subversion, no?

cheers,

paulv
