

**NAME**

ProjectBuilder::VCS, part of project-builder.org

**DESCRIPTION**

This modules provides version control system functions.

**USAGE****pb\_vcs\_init**

This function setup the environment for the VCS system related to the URL given by the pbprojurl configuration parameter. The potential parameter indicates whether we should initiate the context or not. It sets up environment variables (pbDIR, PBDIR, 2692ISION, PBCMSLOGFILE)

**pb\_vcs\_export**

This function exports a VCS content to a directory. The first parameter is the URL of the VCS content. The second parameter is the directory in which it is locally exposed (result of a checkout). If undef, then use the original VCS content. The third parameter is the directory where we want to deliver it (result of export). It returns the original tar file if we need to preserve it and undef if we use the produced one.

**pb\_vcs\_get\_uri**

This function is only called with a real VCS system and gives the URL stored in the checked out directory. The first parameter is the schema of the VCS systems (svn, cvs, svn+ssh, ...) The second parameter is the directory in which it is locally exposed (result of a checkout).

**pb\_vcs\_copy**

This function copies a VCS content to another. The first parameter is the schema of the VCS systems (svn, cvs, svn+ssh, ...) The second parameter is the URL of the original VCS content. The third parameter is the URL of the destination VCS content.

Only coded for SVN now as used for pbconf itself not the project

**pb\_vcs\_checkout**

This function checks a VCS content out to a directory. The first parameter is the schema of the VCS systems (svn, cvs, svn+ssh, ...) The second parameter is the URL of the VCS content. The third parameter is the directory where we want to deliver it (result of export).

**pb\_vcs\_up**

This function updates a local directory with the VCS content. The first parameter is the schema of the VCS systems (svn, cvs, svn+ssh, ...) The second parameter is the list of directory to update.

**pb\_vcs\_checkin**

This function updates a VCS content from a local directory. The first parameter is the schema of the VCS systems (svn, cvs, svn+ssh, ...) The second parameter is the directory to update from. The third parameter is the comment to pass during the commit

**pb\_vcs\_add\_if\_not\_in**

This function adds to a VCS content from a local directory if the content wasn't already managed under the VCS. The first parameter is the schema of the VCS systems (svn, cvs, svn+ssh, ...) The second parameter is a list of directory/file to add.

**pb\_vcs\_add**

This function adds to a VCS content from a local directory. The first parameter is the schema of the VCS systems (svn, cvs, svn+ssh, ...) The second parameter is a list of directory/file to add.

**pb\_vcs\_isdiff**

This function returns a integer indicating the number of differences between the VCS content and the local directory where it's checked out. The first parameter is the schema of the VCS systems (svn, cvs, svn+ssh, ...) The second parameter is the directory to consider.

**pb\_vcs\_mkdir**

This function makes a VCS directory The first parameter is the schema of the VCS systems (svn, cvs, svn+ssh, ...) The second parameter is the directory to create. The third parameter is the comment to

pass during the commit

**pb\_vcs\_compliant**

This function checks the compliance of the project and the pbconf directory. The first parameter is the key name of the value that needs to be read in the configuration file. The second parameter is the environment variable this key will populate. The third parameter is the location of the pbconf dir. The fourth parameter is the URI of the VCS content related to the pbconf dir. The fifth parameter indicates whether we should initiate the context or not.

Only called for PBCONFDIR and PBDIR

**pb\_vcs\_conf\_update\_v0**

This function transform the old configuration v0 file as first param into a new v1 one as second param by calling a CONf.pm function and then adds the resulting file into VCS

**WEB SITES**

The main Web site of the project is available at <<http://www.project-builder.org/>>. Bug reports should be filled using the trac instance of the project at <<http://trac.project-builder.org/>>.

**USER MAILING LIST**

None exists for the moment.

**AUTHORS**

The Project-Builder.org team <<http://trac.project-builder.org/>> lead by Bruno Cornec <<mailto:bruno@project-builder.org>>.

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