

Importing from SourceSafe and CVS

Visual SourceSafe and CVS importers

The import tool is used to import repository data from your SourceSafe or CVS databases into your Plastic SCM repository.

Before getting started, you should be aware of the following prerequisites:

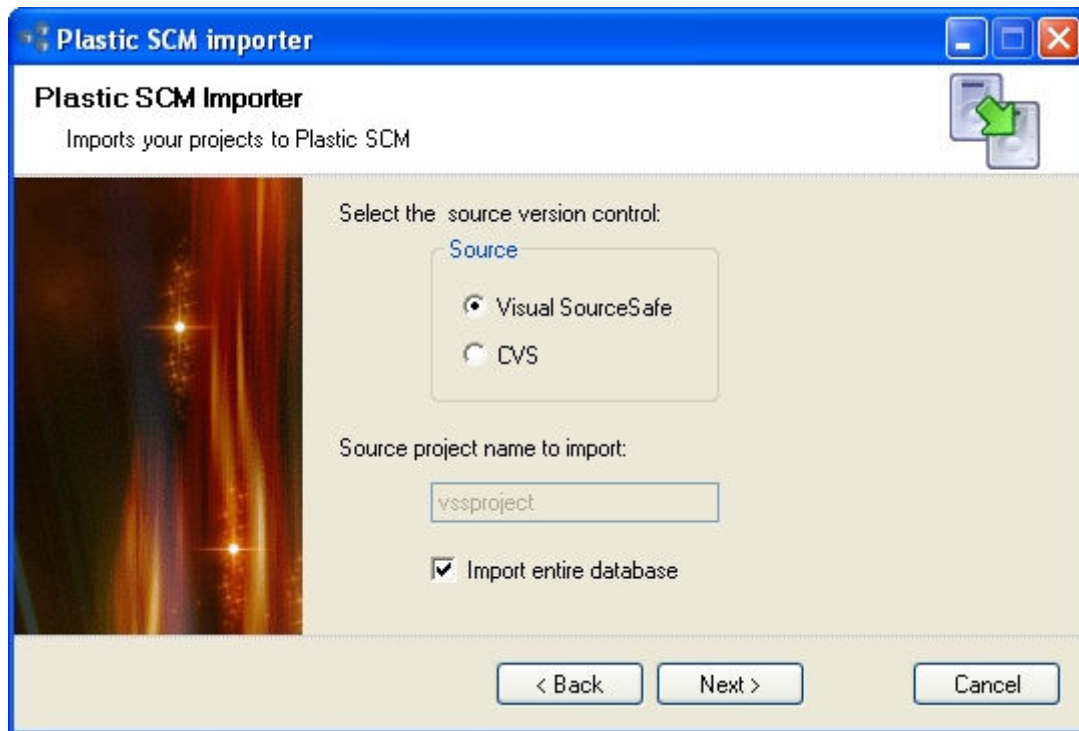
- Before starting the import process Visual SourceSafe or CVS client (depending on which one you are importing from) must be on the path.
- The workspace to be used on the import process must be empty.
- Make sure that all objects are pinned.
- Make sure all shared files are pinned to the same version.
- If SRCSAFE.INI file is located on a shared folder, you have to make sure that Windows has previously created a net connection pointing to this resource.
- Plastic SCM client must be configured.

The installation of this tool appears as a Wizard assuring that the import process is easy and smooth.

The first step on the Wizard is choosing the source version control to be imported, the ones available at the moment are SourceSafe and CVS but it will shortly be extended to other version controls.

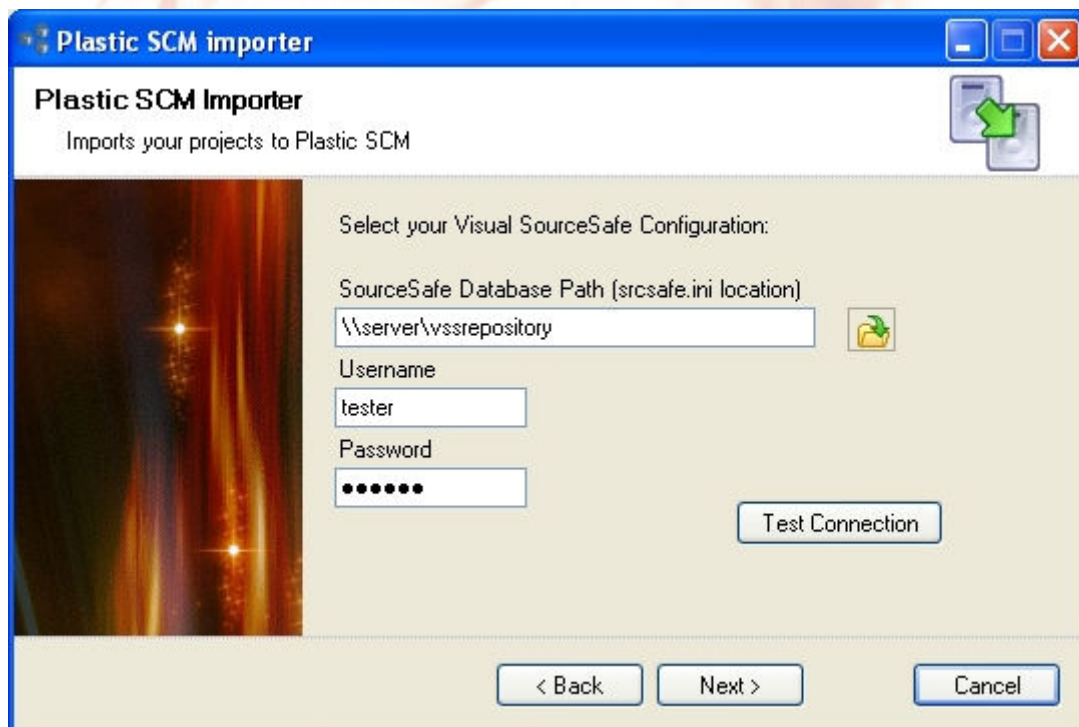
Then we have to introduce the name of the project to be imported: you should make sure to type it properly or the import process will not succeed.

In the case of Visual SourceSafe we also have the option of importing the whole database instead of just one project.



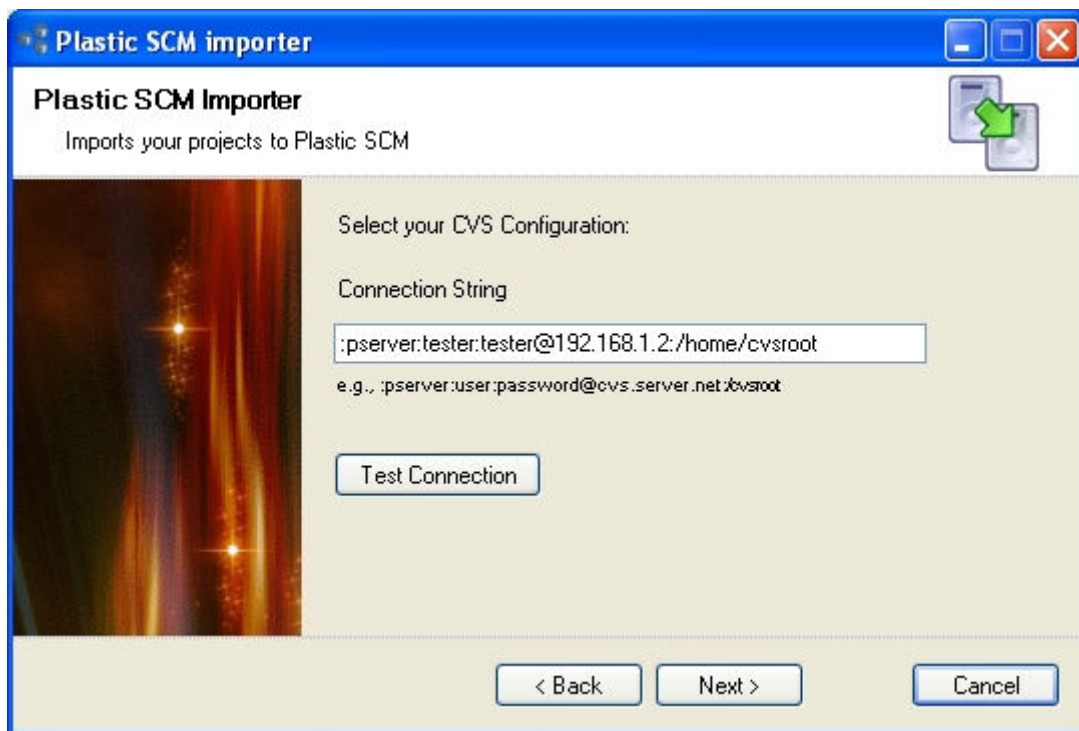
On the next screen, in order to select SourceSafe or CVS configuration, you must fill in its connection parameters. This screen will be a different one for each source version control.

For SourceSafe:



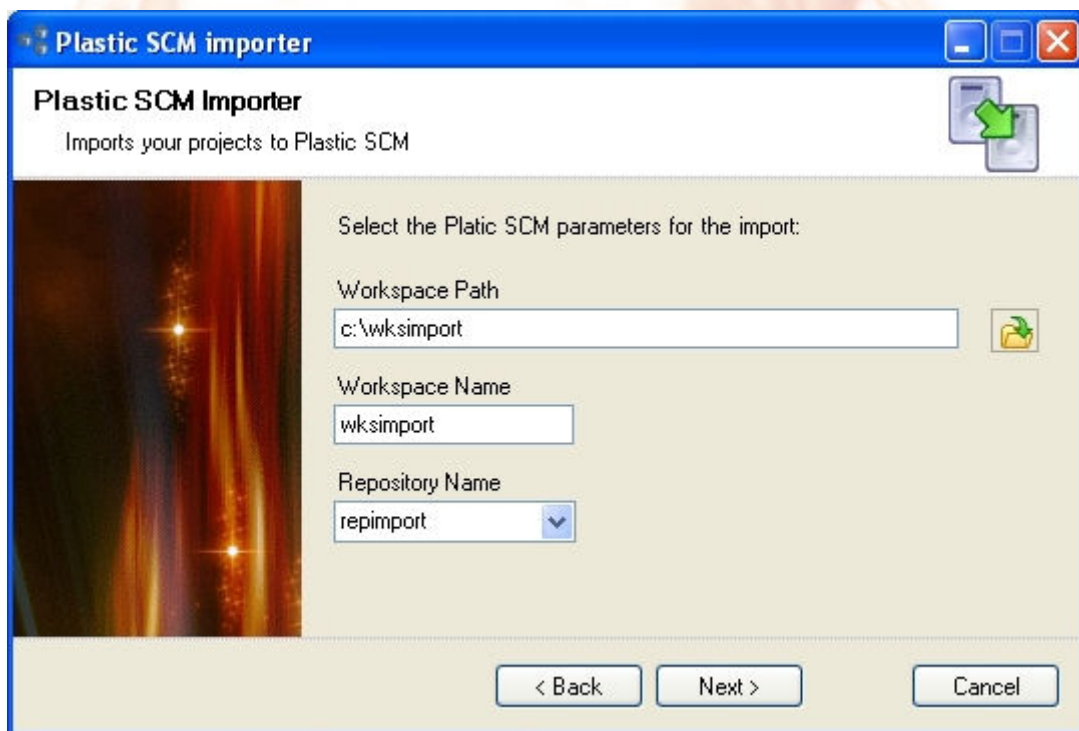
- The path to the database containing the project to be imported, which is the folder containing the SRCSAFE.INI.
- Username and password (In order to achieve the import process the user must have the permit to read).

For CVS:



- The connection string which includes the path, username and password.

After setting the parameters you have to press "Test Connection"; the process will not start unless the connection test is executed. The connection will only fail if the given parameters are incorrect.



On this screen Plastic SCM configuration parameters must be introduced, specifying the workspace to be used. This can be either a new workspace or an existing one as long as it is empty. Both the workspace path and name must be introduced and

then you specify the Plastic repository where the project is going to be imported: we will get a list of the last created repositories and we can either choose one of them or create a new one.

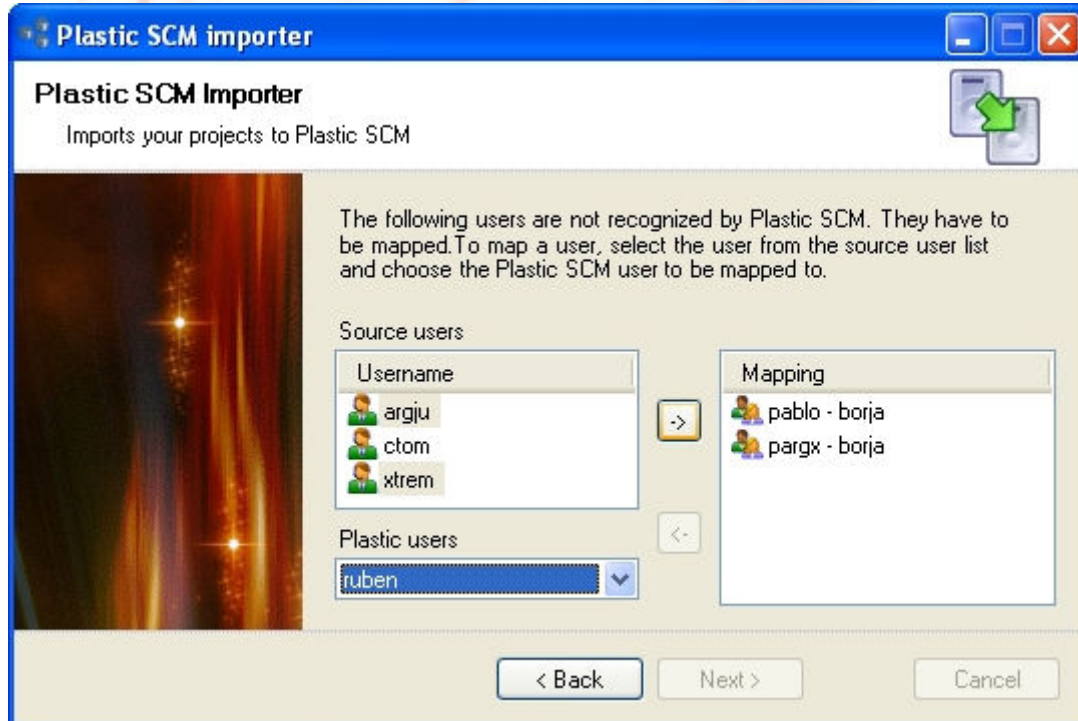
If a new workspace path is specified but its name already existed, it will not use the given path but the one corresponding to that existing workspace. If the given path is empty but the path corresponding to the workspace name is not empty the process will fail.

If the chosen repository had already been created it is important to highlight that it must not contain another imported project with the same name or the process will fail.

With these steps you have already provided the required information to start the process.

These are the automatic steps that the process will follow:

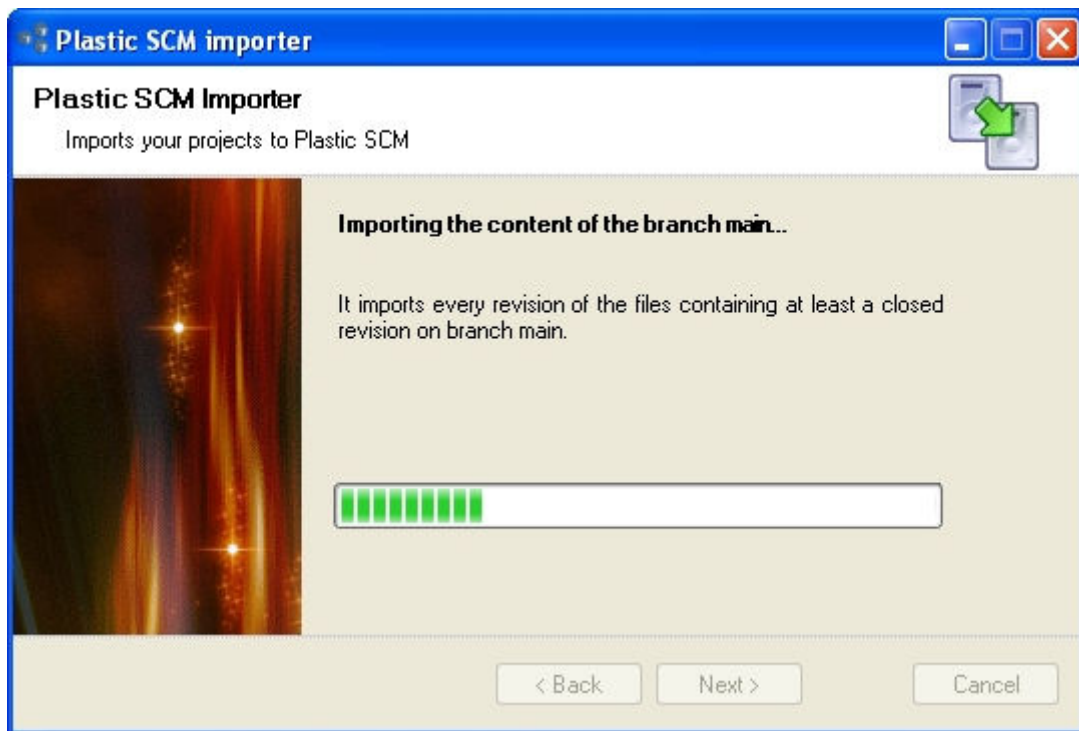
- Workspace creation
- Obtaining the project: It downloads the specific workspace contained on the project from the source version control.
- Obtaining the history of the items to be imported: It recovers the history of the files controlled by the project.
- Users' verification: It is usual that the users who created the project revisions on SourceSafe or CVS are not valid users for Plastic SCM, if this is the case; we have to map them into Plastic users. Mapping can be done either one into one or more than one into one.



It is also possible to delete this mapping in case there has been a mistake during the process: you would need to map every Plastic invalid user before continuing.

Once this is done we should check that it is correct and then start the import process: we will see how the different elements of our system are being imported and their progress, the order will be:

- Labels import
- Creation of branches
- Directories import
- Branch main content import on SourceSafe, on CVS every revision goes to the corresponding branch.



- Labelling revisions
- Import Completion Process

The import process will be completed then by pressing the "Finish" button.