

Automatic PowerCenter Mapping Documentation Generation with B2B Data Transformation

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Revision History

Version	Date	Revised By	Comments
1.0	04-Jan-2013	Ted Wang	Initial Version.
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1 Need for Mapping Documentation

Projects are never complete without documentation. As a best practice, all development artifacts must be well documented to ensure there is a history of changes. More importantly, clear and easily assessable documentation is needed to facilitate code reuse. Developers can save countless hours of re-inventing the wheel if they can easily find out what is already available to use.

2 Manual Documentation Pain Points

Documentation is often omitted simply because it is too time consuming to create. When it is provided, often times it is inconsistent or incomplete as different authors have different ideas of what information is important and should be documented.

3 Automatic B2B DataTransformation Solution

The Auto Documentation Generator built with B2B DataTransformation works by reading the XML export of a PowerCenter mapping. B2B DataTransformation is the ideal choice to process XML formats and can easily extract all relevant information about the mapping. It takes advantage of developer notes that can be inserted directly into PowerCenter mappings.

Saves time: Mapping documentation is generated in seconds, rather than hours/days.

Standardized and complete: An automatic process ensures consistency and completeness. All aspects of the mapping are documented into a pre-defined format.

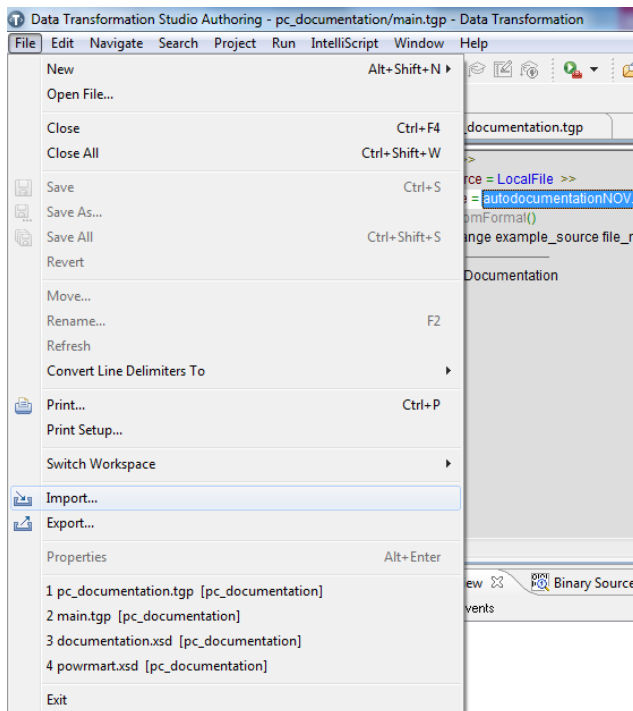
4 How to Use

4.1 Extract B2B DataTransformation project files.

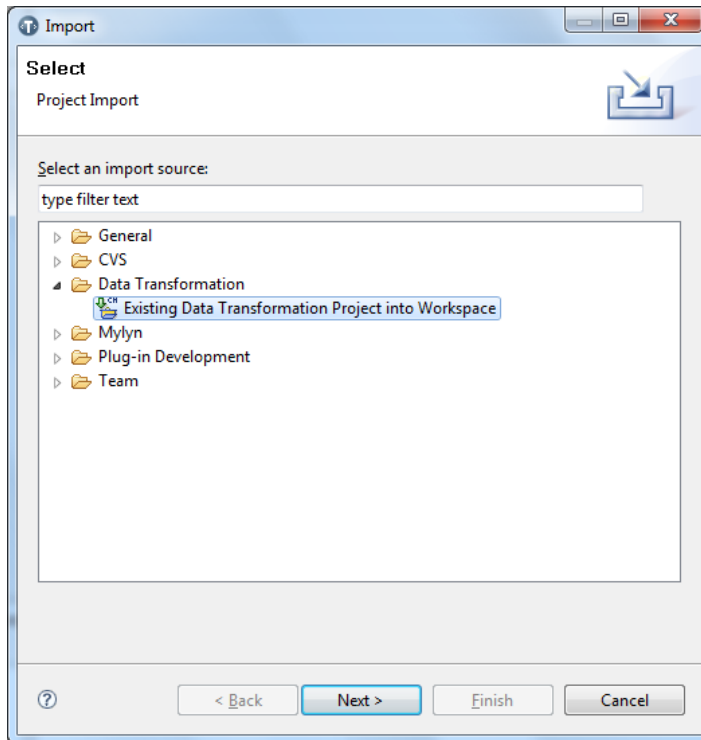
Unzip file containing PowerCenter Auto Documentation Project into local directory.

4.2 Import Project into B2B DataTransformation Studio.

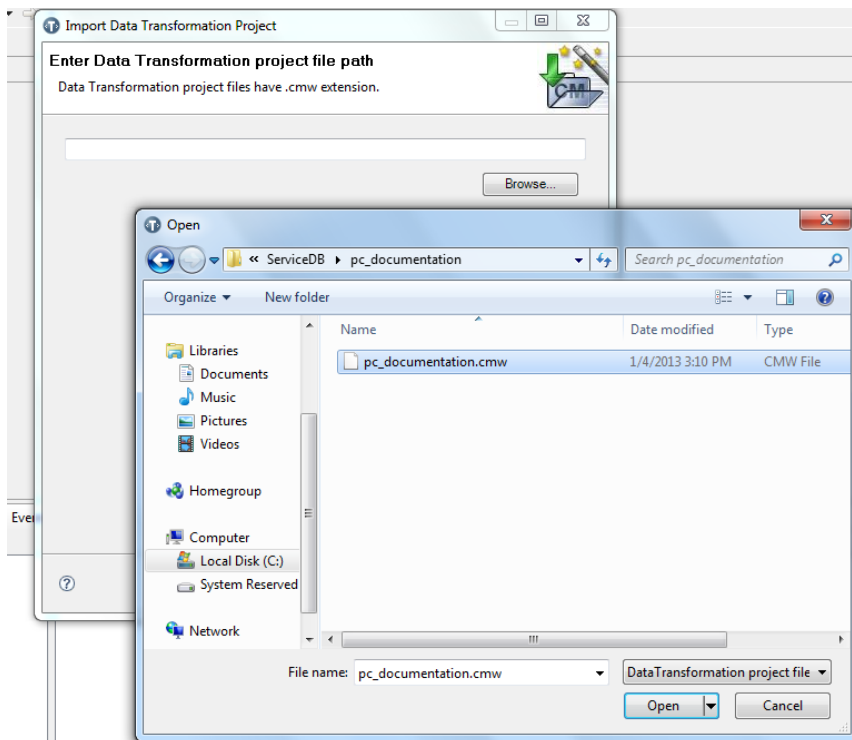
Start B2B DataTransformation Studio. File > Import...



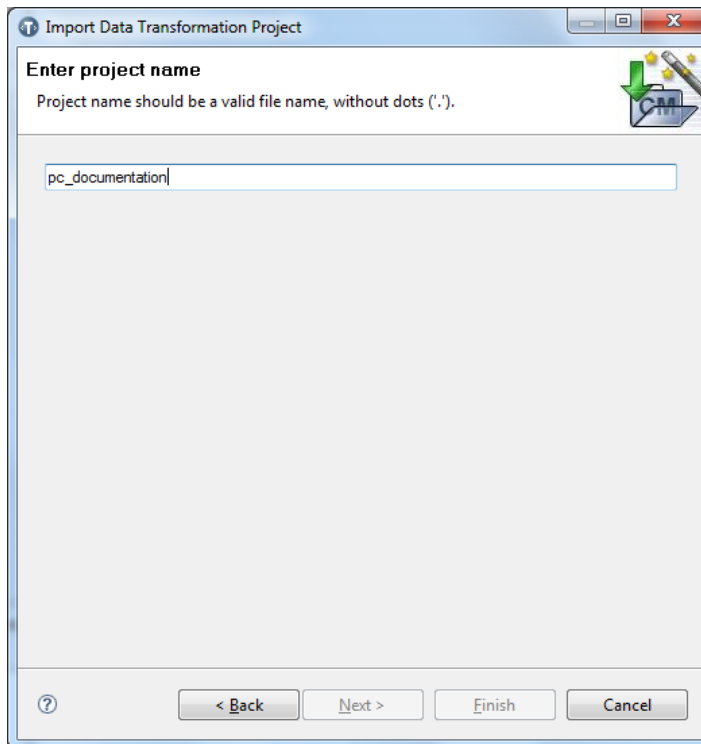
Select Data Transformation > Existing Data Transformation Project into Workspace



Browse to location of extracted PowerCenter Auto Documentation project files and select **pc_documentation.cmw** file.

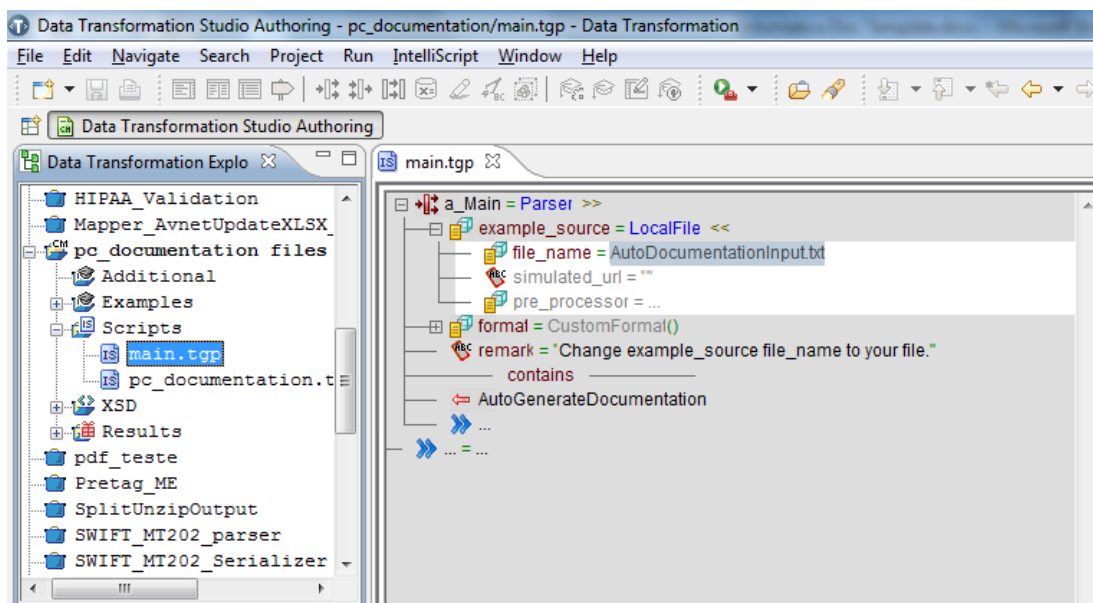


Accept project name or give it a new one and click Finish.



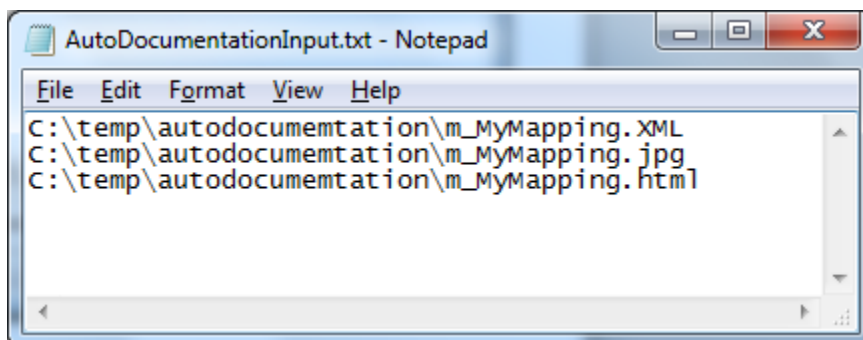
4.3 Open Imported Project.

Open the `pc_documentation` project from the Data Transformation Explorer navigation window on the top right. Expand the project, expand Scripts, and open `main.tgp` file.



4.4 Create Control File for Auto Documentation Process.

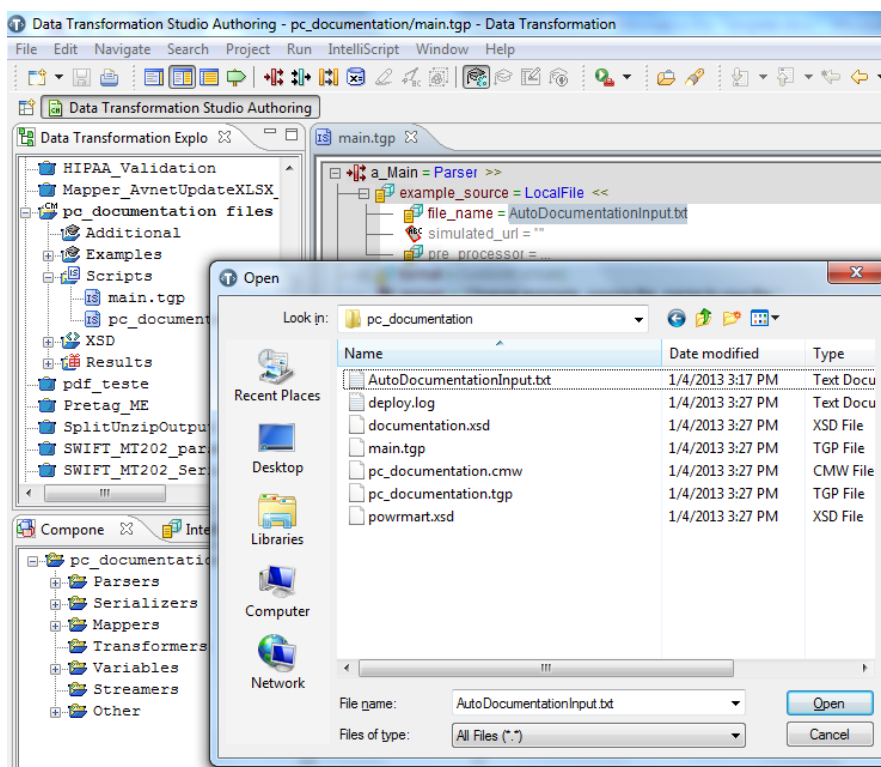
Create a text file in the following format:



Line 1 is the full path and name of the PowerCenter mapping XML export file.
 Line 2 is the full path and name of the screenshot of the mapping from Designer.
 Line 3 is the full path and name of the documentation that will be generated.

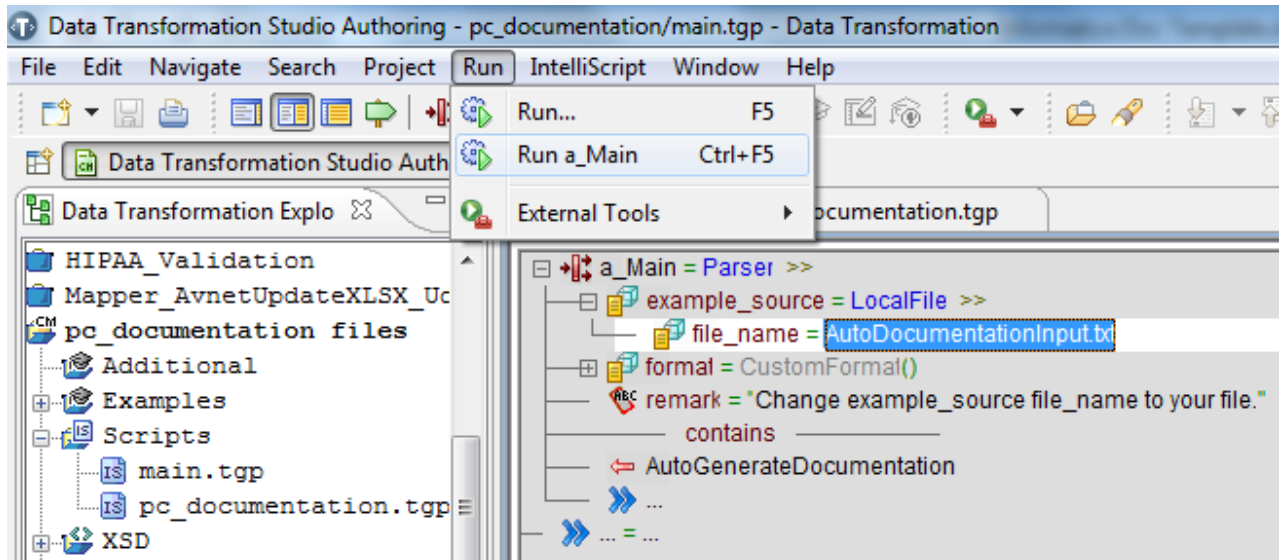
4.5 Select Input File.

Expand a_Main Parser. Expand example_source. Select file_name. Open the control file that was created.



4.6 Run the Auto Documentation Project.

Run > Run a_Main.



5 Help and Contact Information

For assistance with Automatic PowerCenter Mapping Documentation, please contact:

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