

Name of Solution:

Epoch Date Converter

Business Requirement:

An example of PowerCenter mapping to convert Epoch date or Unix date (an integer value) into actual local date time.

Solution URL:

<https://community.informatica.com/solutions/1150>

Supported Versions:

PowerCenter 9.1 and 9.5

Description:

This mapplet can be used in any Informatica mapping that requires converting Epoch date or UNIX date (an integer value) into actual local date time.

More details about Epoch date or UNIX date can be found online. As per Wikipedia:

UNIX time or POSIX time, is a system for describing points in time, defined as the number of seconds elapsed since midnight proleptic Coordinated Universal Time (UTC) of January 1, 1970, not counting leap seconds. It is used widely, not only in Unix-like operating systems, but also in many other computing systems and file formats.

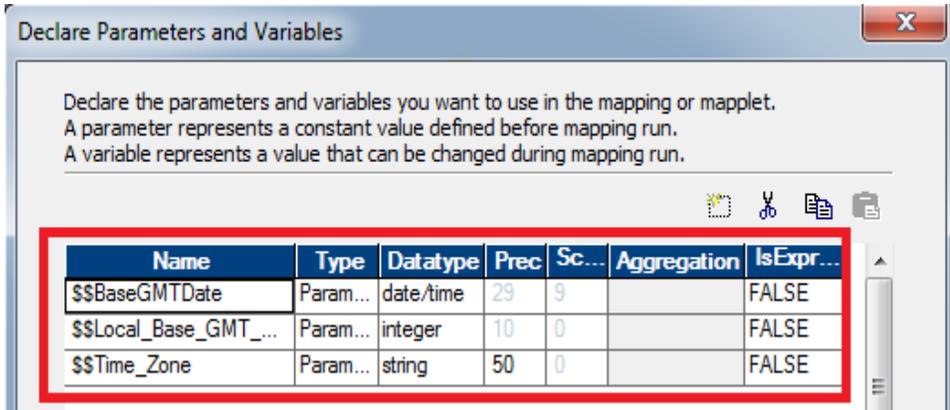
Download file contents:

1. Workflow
2. Source File
3. Script

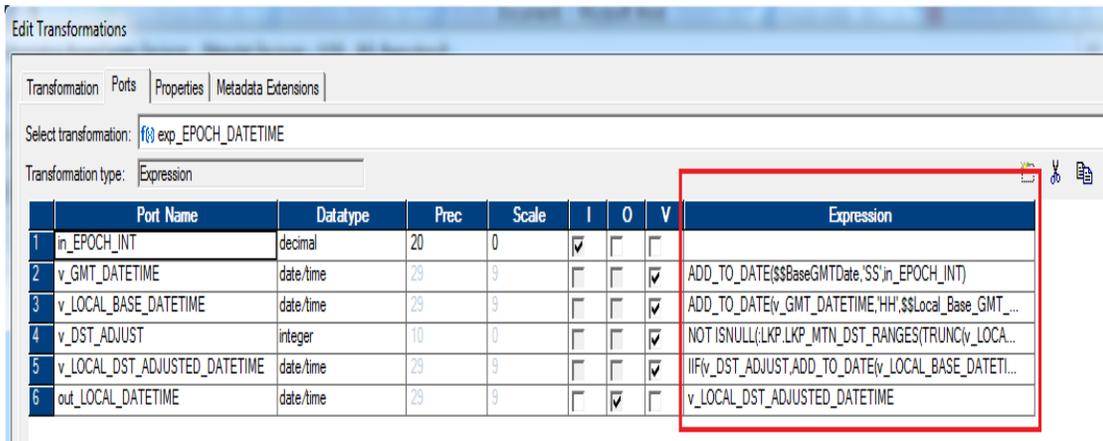
Steps to implement the solution:

1. Place source file in \$PMSourceFileDir folder. Execute the script in database to create lookup table. Current script is provided for SQL server database. If your locale does not have Daylight Savings adjustments, please DO NOT RUN the insert statements, but only run the CREATE TABLE script.
2. Import workflow using Repository Manager. Select the appropriate folder from repository and resolve the conflicts by choosing suitable option.
3. Open Designer and open the mapplet for editing and following things need to be modified:

- In the Mapplets Parameters & Variables section, change the \$\$Local_Base_GMT_Offset & \$\$Time_Zone if required. The \$\$Time_Zone value is matched to the time_zone field in the mtn_dst_ranges table loaded in step 2 above.



- Observe the expression of expression transformation which is logic for date conversion.



- Open the workflow in Workflow Manager. Assign the integration service in Workflow - > Edit -> Integration Service
- Edit session and assign valid connection object for the source and target. Make sure that lookup transformation assigned with valid connection object.
- For more details for importing object please visit our [YouTube](#) link.
- Execute the workflow and observe the target files.

YouTube Video on Importing and Configuring Workflows:

<http://www.youtube.com/playlist?list=PLLrreK2jjigWBQ4NPfp0QWTxYDvInEqSj>

Other Useful links:

[Bundle : Useful PowerCenter Script files](#)

[Bundle : Advanced Workflow Techniques](#)

[Bundle : PowerCenter Mapping Templates](#)

[Bundle : Informatica Debugging Tools](#)

[Bundle : Informatica Productivity Tools](#)