

Name of Solution:

Dynamically skip tasks using parameter file

Business Requirement:

Configure workflows so that you can dynamically skip sessions based on values in the parameter file.

Solution URL:

<https://community.informatica.com/solutions/1765>

Supported Versions:

PowerCenter 9.1 and 9.5

Description:

When configuring a workflow to run sessions in sequence, at times it may be necessary to skip a session task once in a while. But if this happens very frequently for a particular workflow, it may prove to be very time consuming and costly to maintain and operate due to the frequent setting changes and migrations.

Is there a way to develop the workflow in such a way that session can be skipped without any direct change to the workflow configuration?

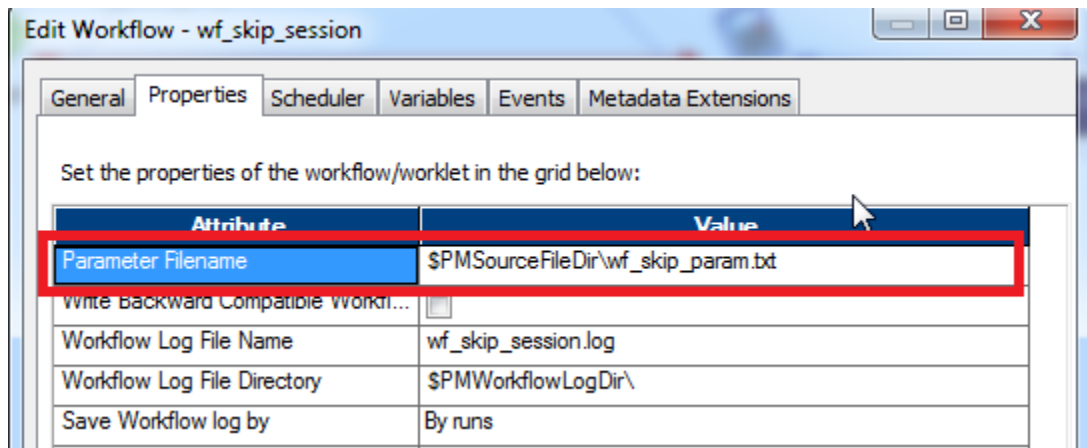
Please download the attached workflow to learn how we can achieve the above requirement by using workflow variables and overriding its values using parameter file when we need to skip a session.

Download file contents:

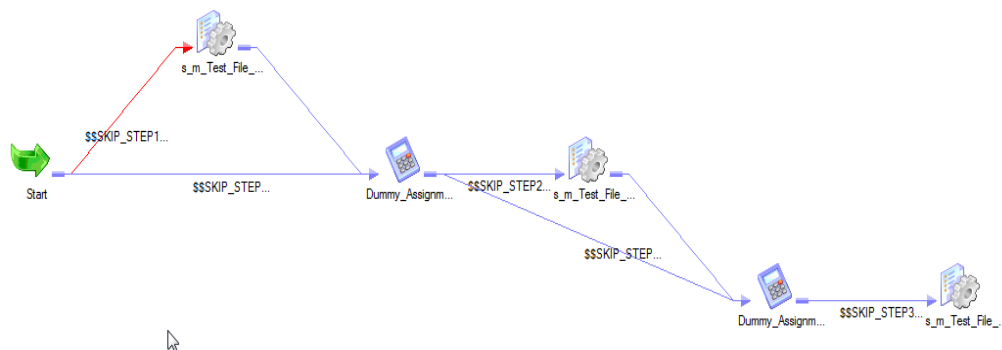
1. Workflow
2. Source File

Steps to implement the solution:

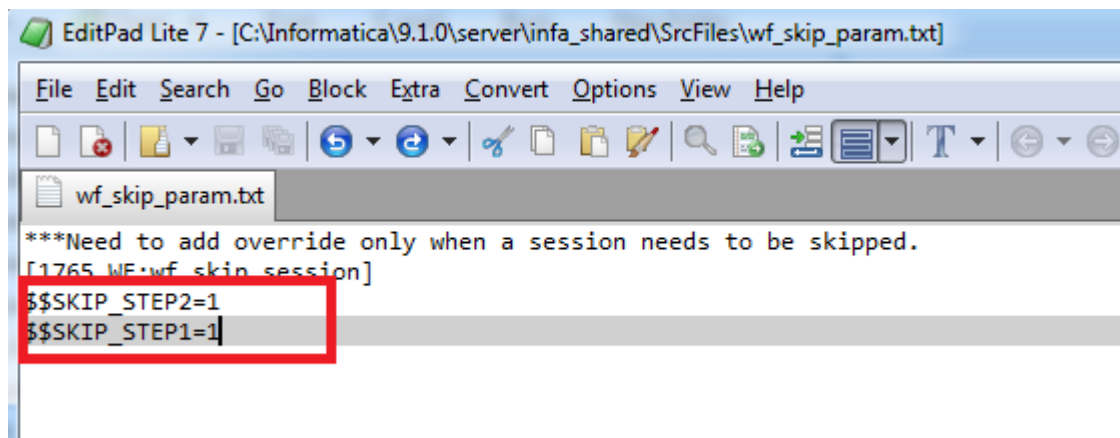
1. Place the source file in \$PMSourceFileDir folder. Change the folder name with current working repository folder in parameter file. Observe the values in the parameter file.
2. Import workflow using the Repository Manager. Select the appropriate folder from the repository and resolve the conflicts by choosing suitable option.
3. Open the workflow in Workflow Manager. Assign the integration service in Workflow - > Edit -> Integration Service
4. Edit session and assign valid connection object for the source and target.
5. For more details of importing object please visit our [YouTube](#) link.
6. Observe that parameter file is mentioned in workflow properties.



7. The workflow is designed in such a way that the variable needed to be added to the parameter file only when it needs to be skipped.



8. Try running the workflow by adding and removing the overrides in the parameter file. Following is the screen shot of parameter files and the corresponding execution in workflow monitor. Observe that only s_m_test_file_STEP3 session is executed.





YouTube Video on Importing and Configuring Workflows:

<http://www.youtube.com/playlist?list=PLLRreK2jjigWBQ4NPfp0QWTxYDvInEqSJ>

Other Useful links:

[Mapping Bundles](#)

[Workflow Bundles](#)

[Informatica Tools Bundles](#)

[Informatica for Social Media Bundles](#)

[Debugging Tools Bundles](#)

[Visio Templates Bundles](#)

[B2B Templates and Projects Bundles](#)

[Data Quality Packs and Plans Bundles](#)

[Script Bundles](#)