

NestedFlow Automation – Script Parameterization

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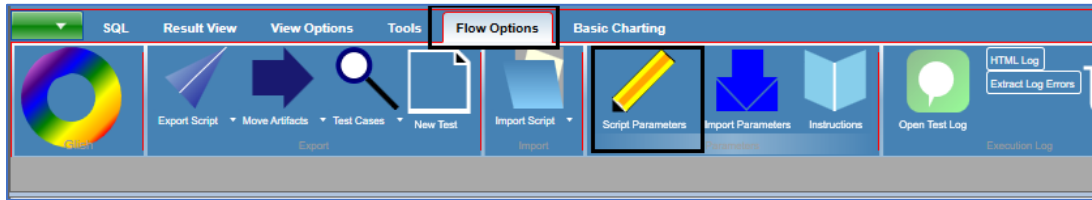
Introduction

This document describes the ways of creating and customizing the parameters needed to execute a test script. The Tool Supports 6 types of Parameterization:

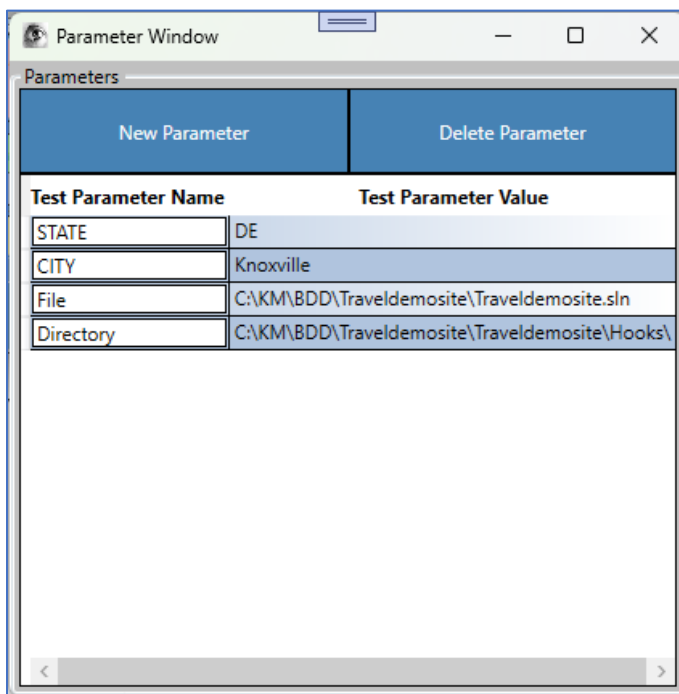
- Free Text
- Directory Lookup
- File Lookup
- Date Select
- SQL Query
- Dependent Query

Parameter Creation And Update

The script should have Start and End blocks can have parameters. On the **Flow Options** ribbon menu click on **Script Parameters** button

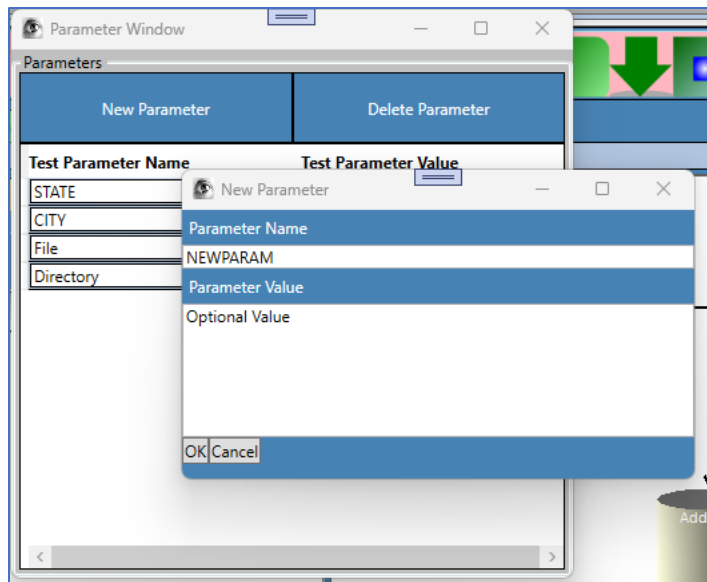


Parameter management window opens. It will display already existing parameters and also allows to create new ones.

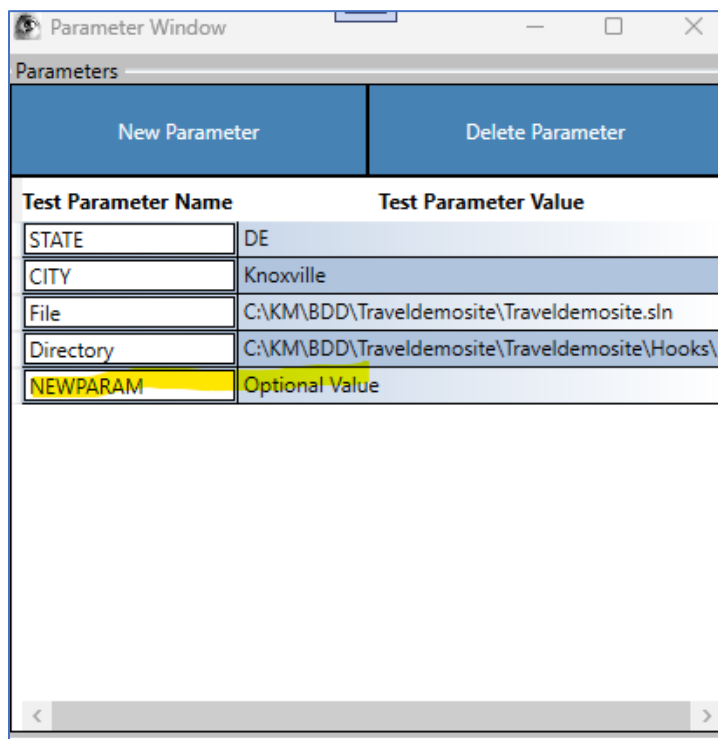


Click on **New Parameter** button.

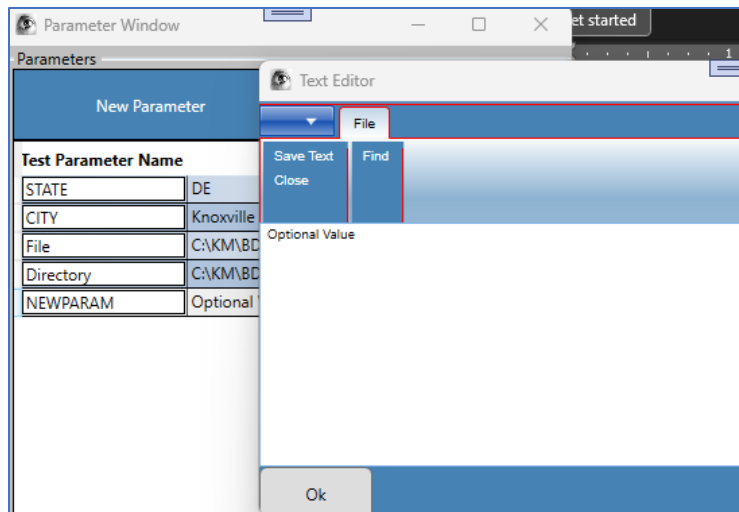
Enter Parameter Name and optional value



Click on **Ok** button. New parameter will get created.



If you want to change the value, just double click on the value column for that parameter and Editor will open. Change the value and click on **Ok** button

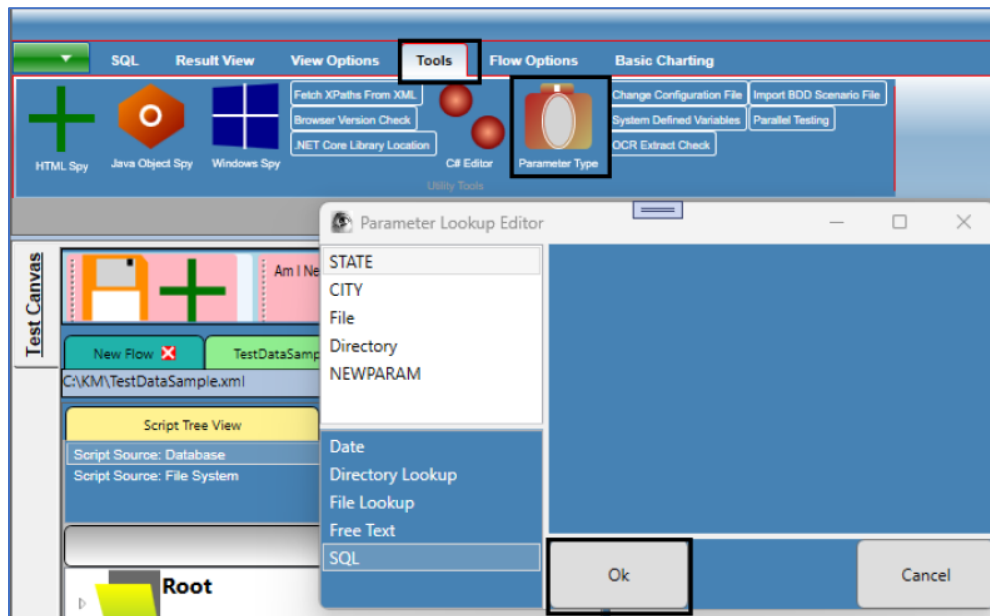


Free Text

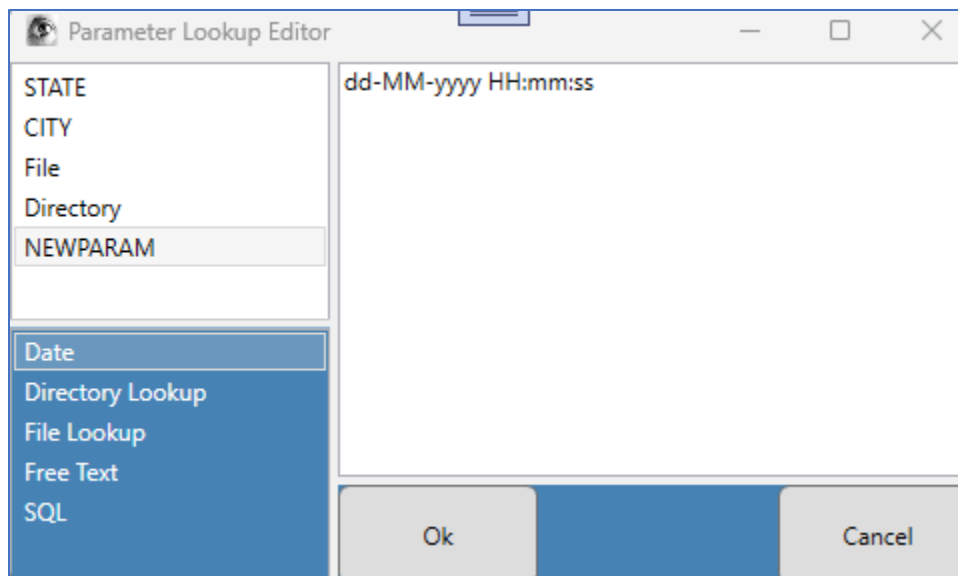
By default this is the mode of parameter update. As explained in the section above, double click on the parameter value field for a parameter and the value can be changed as a free text

Date Field

If the parameter value needs to be a date, then parameter lookup form needs to be utilized.



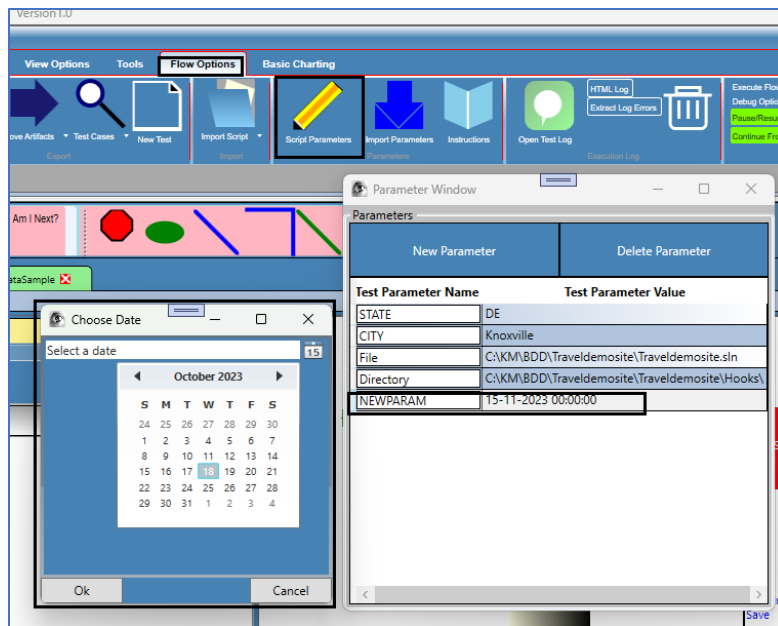
Click on the field to be updated. Choose the Date in the lookup and write the custom date format expected in the text field



(Date customization follows .NET format [Custom date and time format strings - .NET | Microsoft Learn](#))

Click on **Ok** button

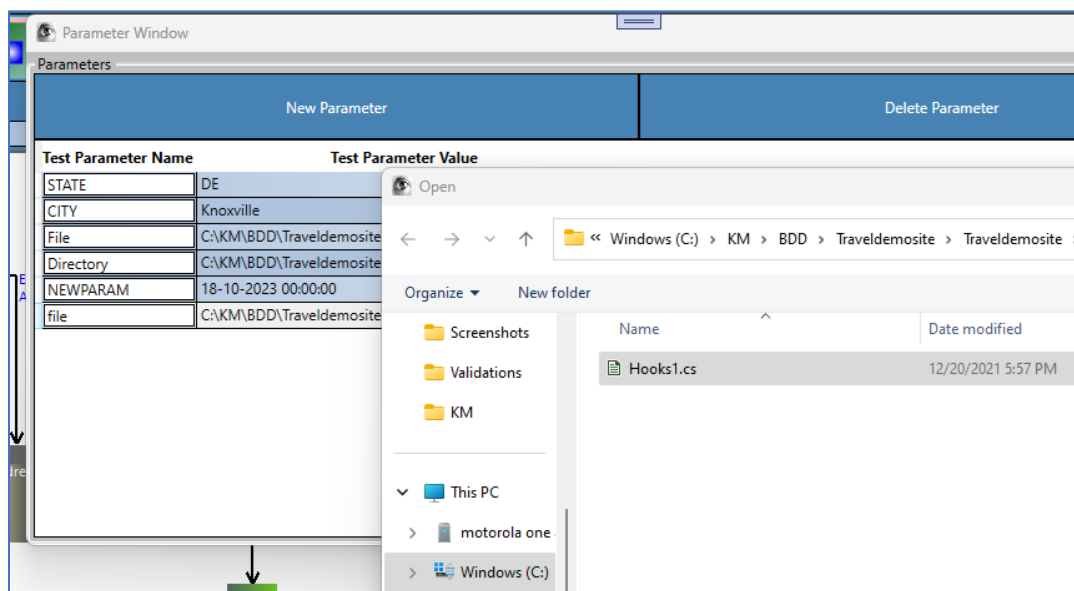
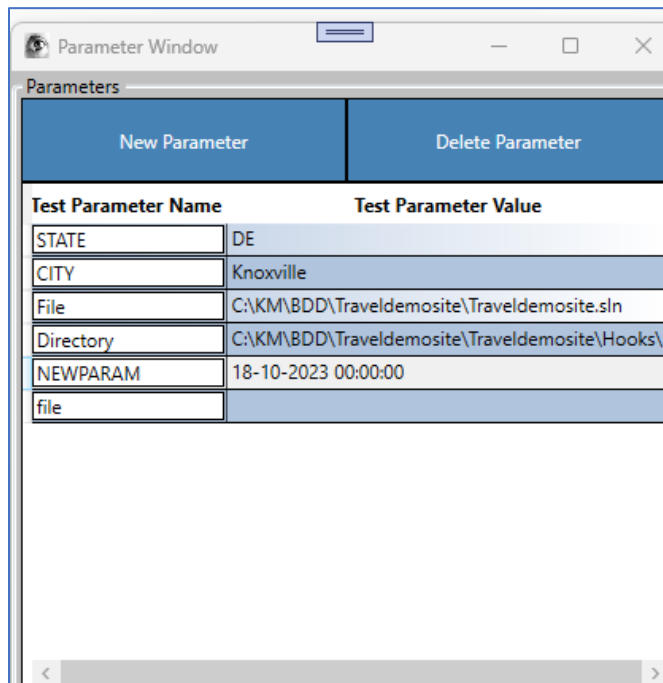
Open the **Parameter Management** window again



This time, double clicking on the altered parameter field value column will open a date form and upon choosing a value, date will be shown as the value in the same format configured

File Lookup

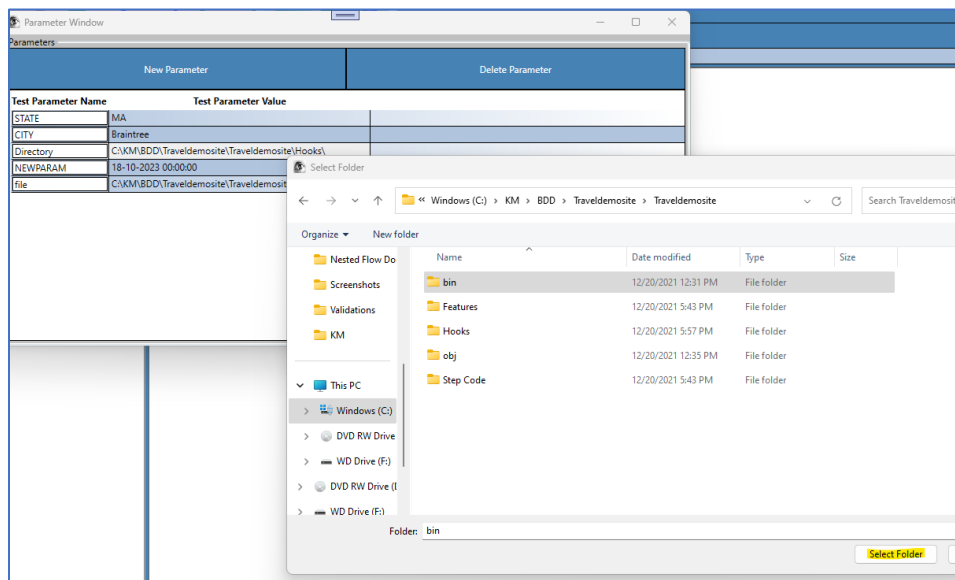
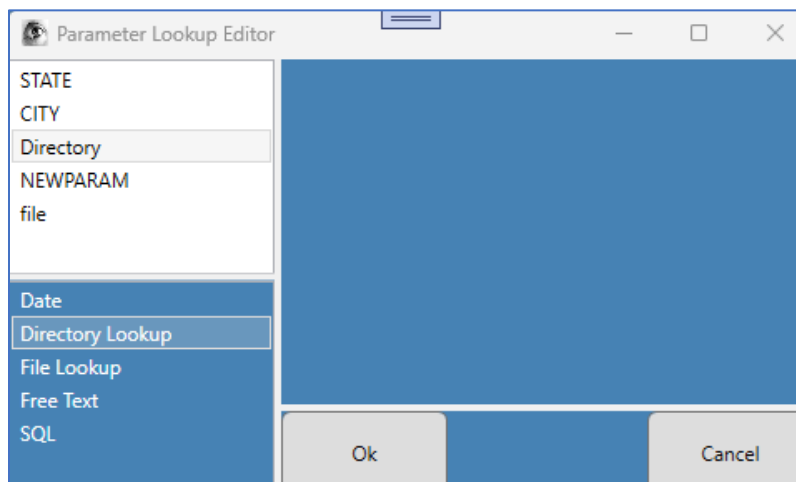
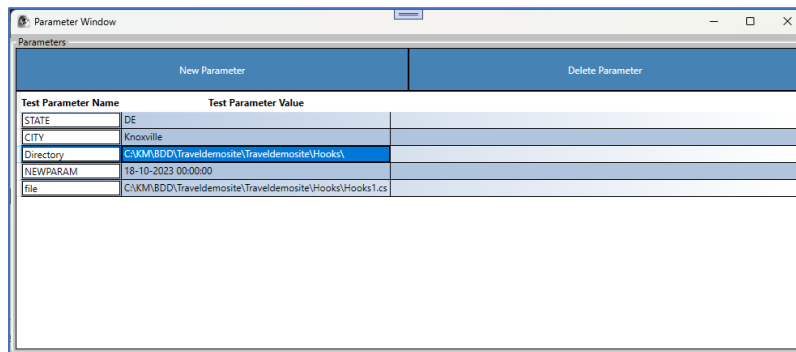
If lookup type is chosen as File Lookup, instead of date lookup, file select window will open



And full path of the selected file will be the parameter value

Directory Lookup

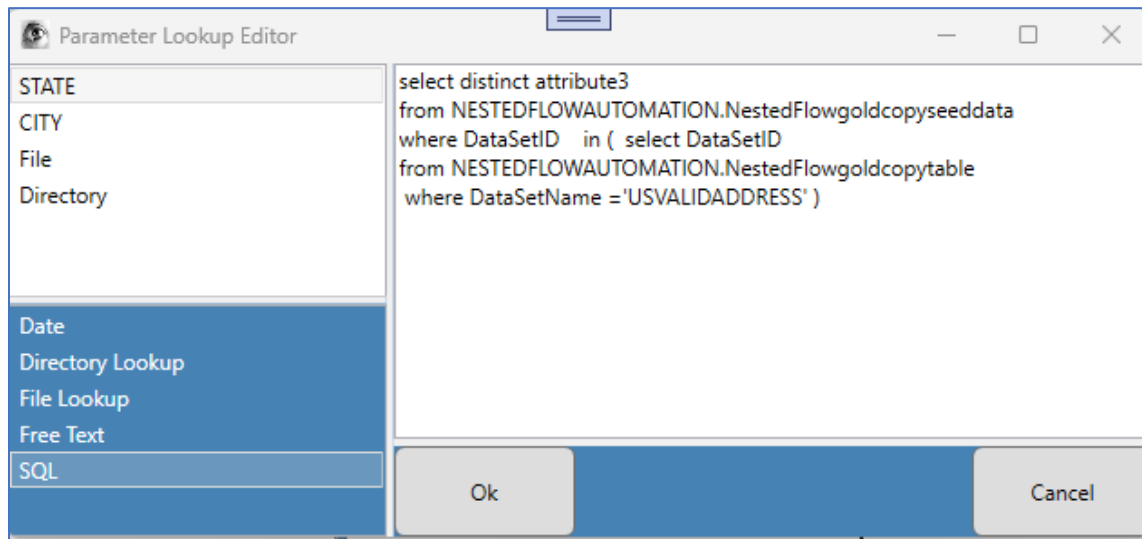
If lookup type is chosen as Directory Lookup, Windows Directory select window will open



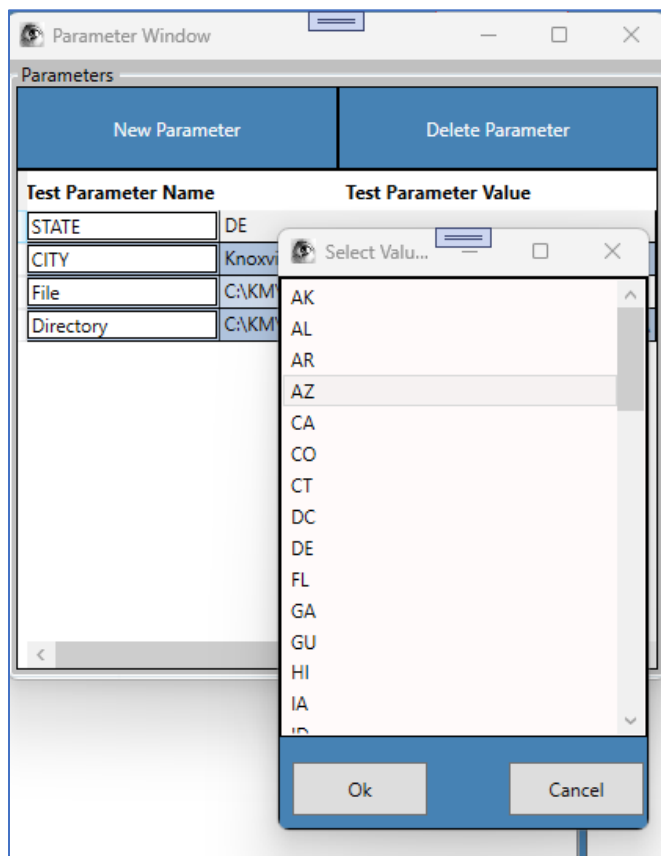
Full directory path of the selected directory will be the parameter value

SQL Query

Single field select query can be used (from TDM repository) to create the parameter lookup

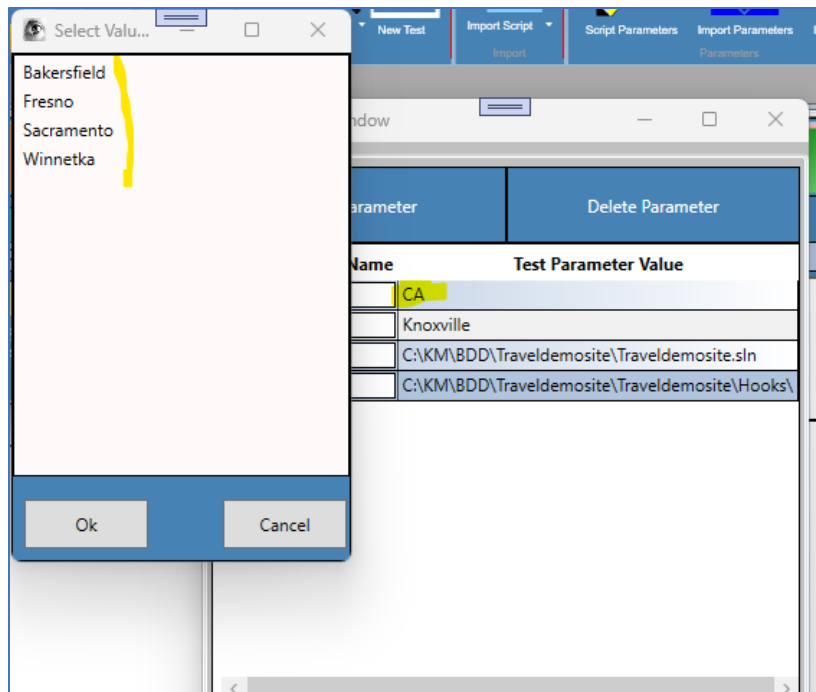
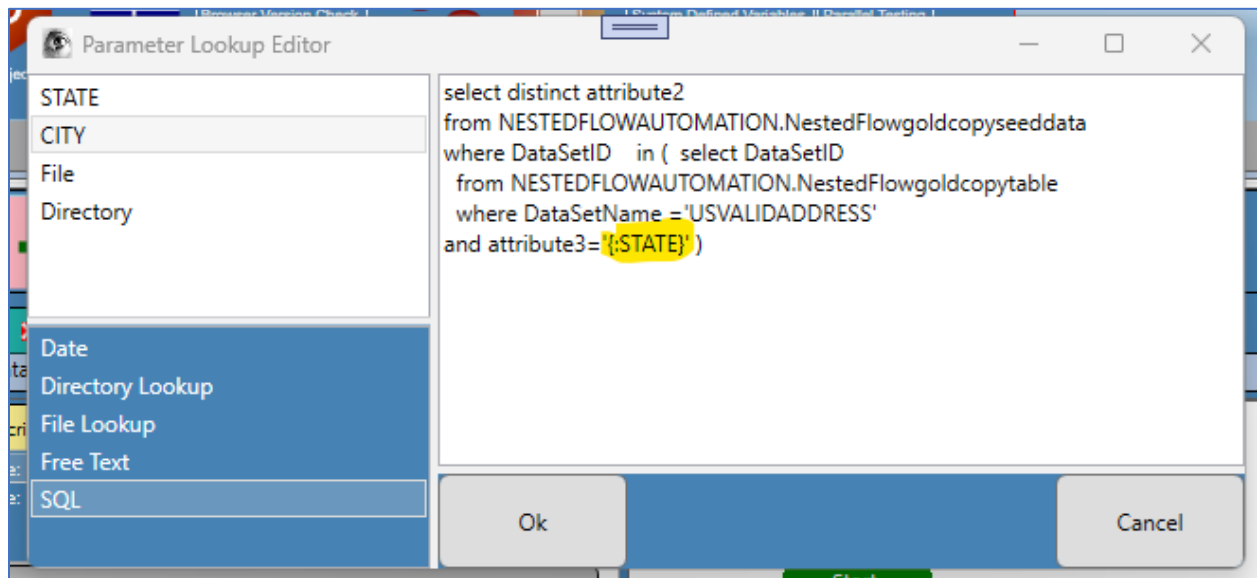


Selected lookup value will be the parameter value

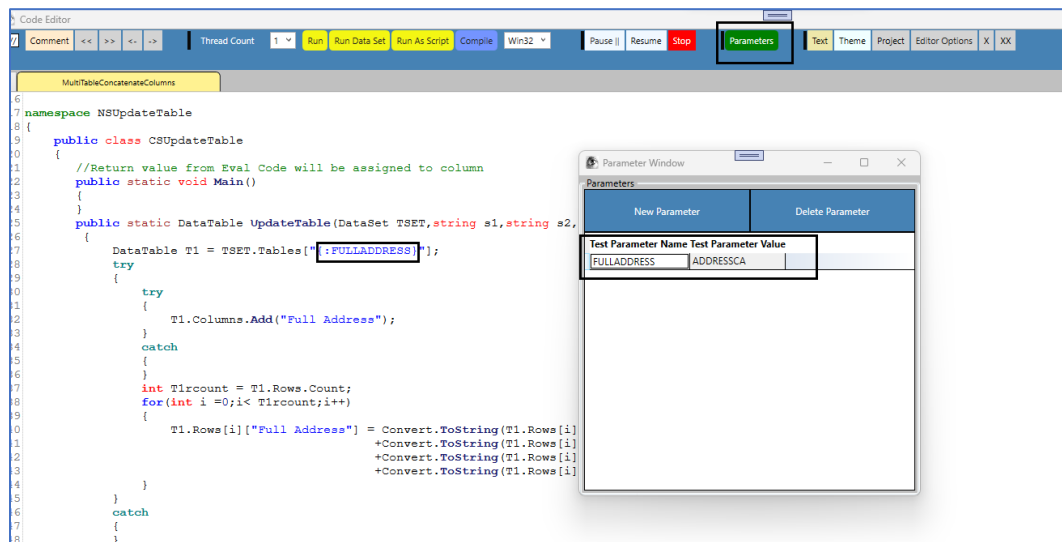


Dependent SQL Query

In the SQL query, we can give previous parameter values (any parameters preceding the current parameter) as dependent value in the query



Parameter For C# Script



If executing the C# scripts from the Editor itself, the parameters can be set by using Parameters button available on the menu bar.

But, when the script is executed as part of a test script (flow), then the parameters set in the editor are redundant. The Parent script level parameters only will be considered (All the C# code level parameters need to be defined in flow level)

