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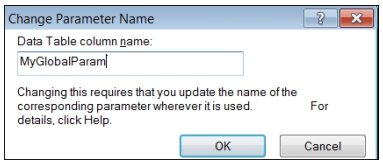
Creating a DataTable parameter

`DataTable` is a UFT object that acts as a wrapper to an MS Excel file and its scope is global. This means that it can be accessed from any action within a test, as well as from function libraries that were attach to the test. When you create a new test or open an existing UFT test you will notice that the DataTable pane will always show a global and local datasheet, one for each existing action within the test. In this section, we will see how to create a DataTable parameter.

How to do it...

Perform the following steps to create the DataTable parameter `LocalParam1` for the local sheet:

1. From the **File** menu, navigate to **New** | **Test** or use the *Ctrl + N* shortcut. When a new test dialog opens, choose **GUI Test** and then click on the **Create** button.
2. We will create a DataTable parameter in the `Action1` local shee from the UFT data pane by double-clicking on the column head and entering the parameter name `LocalParam1` in the dialog that opens, as shown in the following screenshot:



   Similarly, for the test global sheet we will create a parameter named `GlobalParam1`.

3. Next, we need to enter our input data in the remaining cells of the parameter column in the global or local sheet, according to the requirements.

How it works...

If we open the `Default.xls` file in the `test` folder (which, as its name suggests, is the default data source for a new test), we will notice that there are two worksheets, namely, `Global` and `Action1`. In each of these, the first row holds the name of the parameters, so we will see `GlobalParam1` in the `Global` worksheet and `LocalParam1` in the `Action1` worksheet. You will also notice that the used rows have borders at the bottom of the worksheet (the borders have no real function; UFT identifies the used range by the number of used rows and columns based on the content range).

See also

For information about setting and retrieving values for a DataTable parameter, refer to the next two recipes, *Retrieving data from a DataTable* and *Storing data in a DataTable*.

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