Command Reference: WriteTableCellsToExcel()
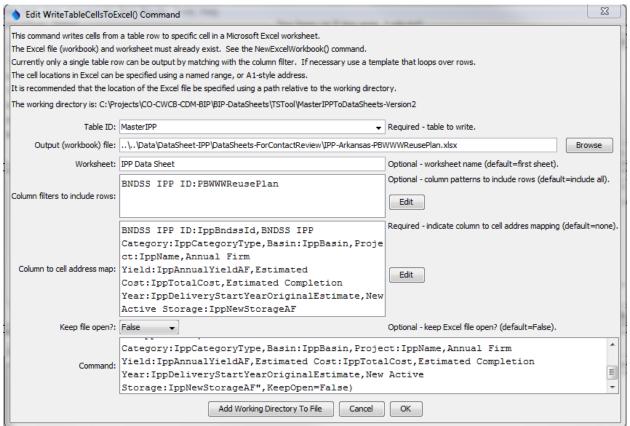
Write cells from a table to a Microsoft Excel workbook file

Version 10.27.00, 2014-02-28

The `WriteTableCellsToExcel()` command writes cell from a table row to a worksheet in a Microsoft Excel workbook file. Currently a single table row can be output. The command is designed to populate named ranges in the Excel file, for example to pre-populate a data-entry form. Use this command in a template to iterate through rows in a table matched with separate Excel output files.

TSTool uses the Apache POI software, version 3.9 (http://poi.apache.org) to read/write the Excel file and consequently functionality is constrained by the features of that software package.

The following dialog is used to edit the command and illustrates the syntax for the command.

WriteTableCellsToExcel() Command Editor

The command syntax is as follows:

```
WriteTableCellsToExcel(Parameter=Value,…)
```

Command Parameters

Parameter	Description	Default
TableID	Identifier for table to write.	None – must be specified.
OutputFile	The name of the Excel workbook file (*.*xls* or *.*xlsx*) to write, as an absolute path or relative to the command file location. The Excel file must exist. Use an NewExcelWorkbook() command to create an excel file if necessary.	None – must be specified.
Worksheet	The name of the worksheet in the workbook to write. If the worksheet does not exist it will be created.	Write to the first worksheet.
ColumnInclude Filters	Indicate table column names and pattern to use to include rows, in order to match a single row for output The format of the parameter is: ColumnName1:Pattern1, ColumnName2:Pattern2,… where patterns can contain * to match a substring. For example, if used with a template to loop through table rows, use to match the specific row based on the loop index.	Include all rows (which will generate an error if the number of rows is not equal to one)
ColumnCellMap	Indicate how to map table column names to Excel addresses. The format of the parameter is: ColumnName1:ExcelAddress1, ColumnName2:ExcelAddress2,… where the Excel addresses can be specified using A1 notation, or named range. **The column names cannot be repeated**.	None – must be specified.
KeepOpen	Indicate whether to keep the Excel file open (True) or close after creating (False). Keeping the file open will increase performance because later commands will not need to reread the workbook. Make sure to close the file in the last command that writes to the Excel file.	False