Command Reference: SetExcelCell()

Set data in one or more cells in an open Microsoft Excel workbook

This command is under development and has limited functionality. It has initially been implemented to set cell comments. Features to set data values and format cells will be added in the future.

The SetExcelCell() command sets a data value, comments, and formatting for one or more cells in a Microsoft Excel workbook. The workbook exist and be open from previous commands. Unlike other commands that process a list of time series or a table, this command is intended for finer resolution control of modifying an Excel workbook.
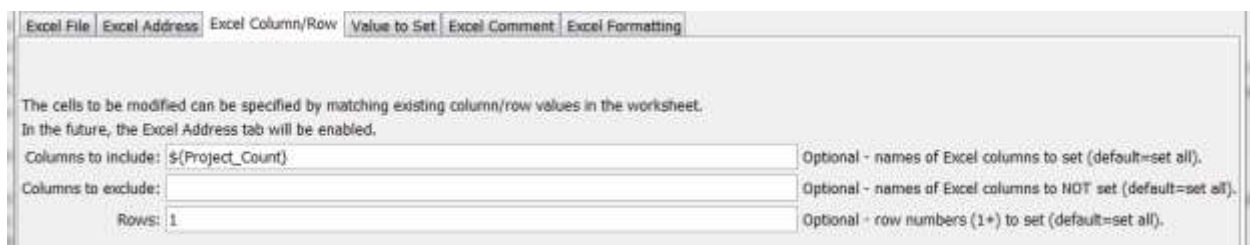
The following figures illustrate the dialog used to edit the command and the syntax for the command.

WriteTableToExcel_File

SetExcelCell() Command Editor for Excel File Parameters

WriteTableToExcel_Address

SetExcelCell() Command Editor for Excel Address Parameters

WriteTableToExcel_ColumnRow

SetExcelCell() Command Editor for Excel Column/Row Parameters

SetExcelCell_Value

SetExcelCell() Command Editor for Setting Data Values

WriteTableToExcel_Comment

SetExcelCell() Command Editor for Excel Comment Parameters

WriteTableToExcel_Formatting

SetExcelCell() Command Editor for Excel Formatting Parameters

The command syntax is as follows:

        SetExcelCell(Parameter=Value,…)

Command Parameters

Parameter	Description	Default
OutputFile	The name of the Excel workbook file (*.xls* or *.xlsx*) to modify, as an absolute path or relative to the command file location. The workbook must exist and be open from a previous command.	None – must be specified.
Worksheet	The name of the worksheet in the workbook to modify.	Write to the first worksheet.
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 Excel command.	False

Parameter	Description	Default
ExcelAddress	Indicates the block of cells to write, using Excel address notation (e.g., A1:D10).	Must specify address using one of available address parameters.
ExcelNamedRange	Indicates the block of cells to write, using an Excel named range.	Must specify address using one of available address parameters.
ExcelTableName	Indicates the block of cells to write, using an Excel named range.	Must specify address using one of available address parameters.
IncludeColumns	Names of columns to include when matching cells, separated by commas. Processor ${Property} can be used to specify the parameter.	Include all cells unless subset is somehow specified.
ExcludeColumns	Names of columns to exclude when matching cells, separated by commas. Processor ${Property} can be used to specify the parameter.	Include all cells unless subset is somehow specified.
Rows	Row numbers to include, separated by commas.	Include all cells unless subset is somehow specified.
Value	Data value to set.	
PropertyName	Name of processor property that provides the data value.	
Author	Author to use when setting comment.	
Comment	Comment to set. Processor ${Property} can be used to specify the parameter. Newline characters in the comment indicate line breaks.	
CommentWidth	The width of the comment block in columns.	6
CommentRows	The height of the comment block in rows.	Number of lines in the comment.

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