Command Reference: ReadTableCellsFromExcel()

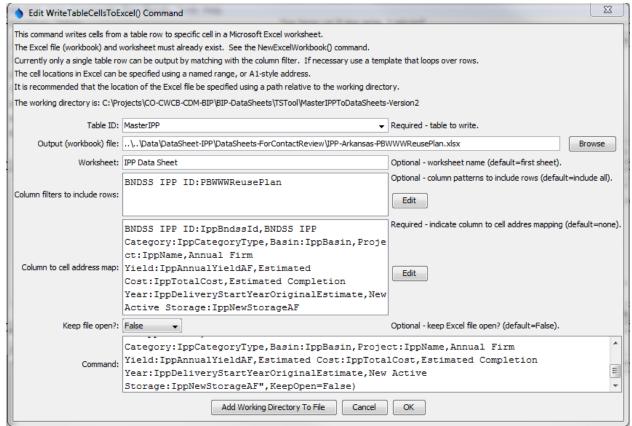
Read cells from a Microsoft Excel workbook file and insert into a table

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The ReadTableCellsFromExcel() command reads cells from a Microsoft Excel worksheet and transfers them into a table row. Currently a single table row can receive the output. The command is designed to extract values from named ranges in the Excel file, for example to harvest data from a dataentry form. Use this command in a template to iterate through rows in a table matched with separate Excel 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.



ReadTableCellsFromExcel() Command Editor

ReadTableCellsFromExcel

The command syntax is as follows:

ReadTableCellsFromExcel(Parameter=Value,...)

Command Parameters

Parameter	Description	Default
InputFile	The name of the Excel workbook file (*.xls or	None – must be
	*.xlsx) to read, as an absolute path or relative to	specified.
	the command file location.	
Worksheet	The name of the worksheet in the workbook to	Read the first
	read.	worksheet.
KeepOpen	Indicate whether to keep the Excel file open	False
	(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.	
ColumnCellMap	Indicate how to map table column names to	None – must be
	Excel addresses. The format of the parameter	specified.
	is:	
	ColumnName1:ExcelAddress1,	
	ColumnName2: ExcelAddress2,	
	where the Excel addresses can be specified	
	using A1 notation, or named range. The	
TableID	column names cannot be repeated.	None – must be
labieid	Identifier for table to be updated.	specified.
ColumnInclude	Indicate table column names and pattern to use	Include all rows (which
Filters	to include rows, in order to match a single row	will generate an error if
TITCEIS	for output. The format of the parameter is:	the number of rows is
	ColumnName1:Pattern1,	not equal to one)
	ColumnName2:Pattern2,	not equal to one)
	where patterns can contain * to match a	
	substring. For example, if used with a template	
	to loop through table rows, use to match a	
	unique identifier value in a column.	
IfTableRow	Indicate the action if the row is not found for	Warn
NotFound	the transfer, one of:	
	• Append – append a new row to the table	
	• Ignore – ignore the data	
	• Warn – generate a warning	
	• Fail – generate a failure	