
Command Reference: CopyTable()

Create a table as a (partial) copy of a table

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The `CopyTable()` command copies all or a subset of the columns from one table to create a new table. For example, this is useful to create one-column lists that can be used to expand template files with the `ExpandTemplateFile()` command, or to create a subset of columns to output to a file or write to a database.

The following dialog is used to edit the command and illustrates the syntax of the command (in this case illustrating how values in a column named `LocationID` are copied to a new table).

Edit CopyTable() Command

This command creates a new table by copying another table.
For example, single column tables can be created from a larger table to use as a list with a template.

Table ID:	<input type="text" value="Table1"/>	Required - original table.
New table ID:	<input type="text" value="Table1Copy"/>	Required - unique identifier for the new table.
Column names to copy:	<input type="text" value="DateTime,String"/>	Optional - names of columns to copy (default=copy all).
Distinct column names:	<input type="text"/>	Optional - names of columns to filter distinct combinations (default=copy all).
Column map:	<input type="text"/>	Optional - to change names (default=names are same).
Column filters:	<input type="text" value="String:first day"/>	Optional - filter output by matching column pattern (default=copy all rows).
Command:	<pre>CopyTable(TableID="Table1",NewTableID="Table1Copy",IncludeColumns="DateTime,String",ColumnFilters="String:first day")</pre>	

CopyTable

CopyTable() Command Editor

The command syntax is as follows:

```
CopyTable (Parameter=Value, ...)
```

Command Parameters

Parameter	Description	Default
TableID	The identifier for the original table.	None – must be specified.
NewTableID	The identifier for the new table.	None – must be specified.
IncludeColumns	The names of columns to copy, separated by commas.	Copy all of the columns.
DistinctColumns	The names of columns to copy, separated by commas. Only distinct values from the specified column will be copied. For example, if column A contains strings X, Y, Z, Y, C, the resulting distinct value column will have rows with X, Y, Z, C. Currently only one column name can be specified but in the future more than one column may be allowed. This parameter overrides IncludeColumns.	Don't do a distinct comparison.
ColumnMap	The new names for the output columns, using syntax: OriginalColumn1:NewColumn1, OriginalColumn2:NewColumn2	The column names in the copy will be the same as in the original table.
ColumnFilters	Filters that limit the number of rows being copied, using the syntax: FilterColumn1:FilterPattern1, FilterColumn2:FilterPattern2 Patterns can use * to indicate wildcards for matches. Only string values can be checked (other data types are converted to strings for comparison). Comparisons are case-independent. All patterns must be matched in order to copy the row. In the future a command may be added to perform queries on tables, similar to SQL for databases.	No filtering.