## Command Reference: NewTable ()

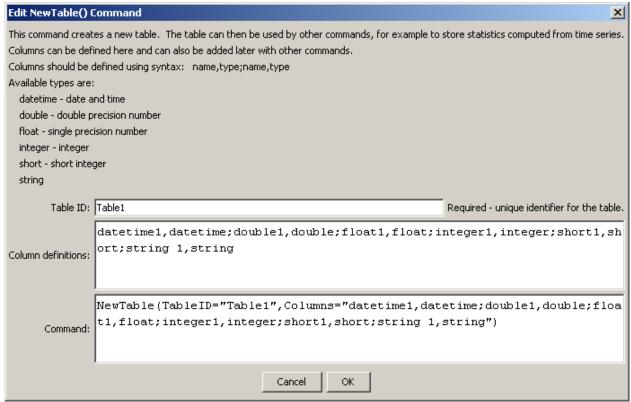
Create a new table

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The NewTable() command creates a table with named columns, each of which is a specified data type. Tables are used to hold information about data objects, such as statistics for time series. Commands like CalculateTimeSeriesStatistic() can add information to tables. Tables can be written as final data products or artifacts of processing. Characteristics of the table are as follows:

- Each column can only contain a single data type
- The default precision for numbers for display and output is 2 digits after the decimal additional formatting features may be available in write commands and may be added later
- Tables are referenced using the TableID
- Cells in tables are referenced using the column name and cell values that identify rows (such as time series identifiers)

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



NewTable () Command Editor

NewTable

The command syntax is as follows:

NewTable (Parameter=Value,...)

## **Command Parameters**

Parameter	Description	Default
TableID	Identifier for the table – should be unique	None – must be specified.
	among tables that are defined.	
Columns	The column names and data types are	No columns will be defined.
	defined using the format	
	<pre>ColumnName,DataType;</pre>	
	ColumnName, DataType. Column	
	names can contain spaces; however,	
	simple short names are generally handled	
	better by display features and minimize	
	errors in referencing the columns. Data	
	types are specified using the following	
	strings:	
	• datetime – date and time	
	• double – double precision number	
	• float – single precision number	
	• integer – integer (-2147483648 to	
	2147483647)	
	• short – short integer (-32768 to	
	32767)	
	• string – Unicode string	