Command Reference: ReadTableFromDelimitedFile()

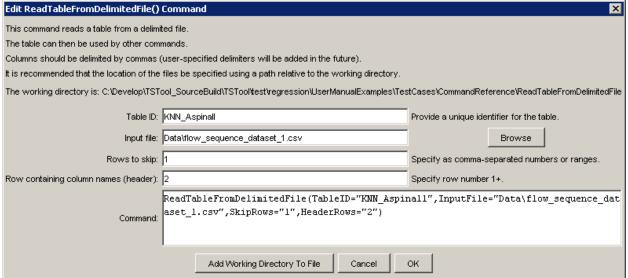## Read a table from a delimited file

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The `ReadTableFromDelimitedFile()` command reads a table from a comma-delimited file. Tables have the following characteristics:

- Comments indicated by lines starting with # may appear in the file but are stripped during the read.
- Column headings may be present and will be used to assign string names to the columns.
- Data in columns are assumed to be of consistent type (i.e., all numerical data or all text).
- Once read, row numbers refer to data rows. Comments and headings are separate information.

Tables are used by other commands when performing lookups of information or generating summary information from processing.

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

ReadTableFromDelimitedFile() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
InputFile	The name of the file to read, as an absolute path or relative to the command file location (recommended).	None – must be specified.
SkipRows	Indicates the number of lines in the file to skip, which otherwise would interfere with reading row data.	0
HeaderRows	Indicate the rows that include header information, which should be used for column names. Currently this should only be one row, although a range may be fully supported in the future.	No headers; however, other commands may rely on headers to specify columns for processing.

The following example command file illustrates how to read a table from a delimited file:

```
ReadTableFromDelimitedFile(TableID="KNN_Aspinall",
   InputFile="Data\flow_sequence_dataset_1.csv",
   SkipRows="1",HeaderRows="2")
```