
Command Reference: ReadPropertiesFromFile()

Read one or more time series processor properties from a file

Version 10.12.00, 2012-08-02

The `ReadPropertiesToFile()` command reads the values of one or more time series processor properties from a file. The corresponding `WritePropertiesToFile()` command can be used to write properties to a file. Processor properties include global defaults such as `InputStart`, `InputEnd`, `OutputStart`, `OutputEnd`, `OutputYearType`, `WorkingDir`, and also user-defined properties set with the `SetProperty()` command. Internally, properties have a name and a value, which is of a certain type (string, integer, date/time, etc.). Examples of using the command include:

- creating tests to verify that properties are being set
- passing information from another program, such as a Python script, to TSTool
- reading persistent information from a previous use, such as the date/time that data were last downloaded from a web service

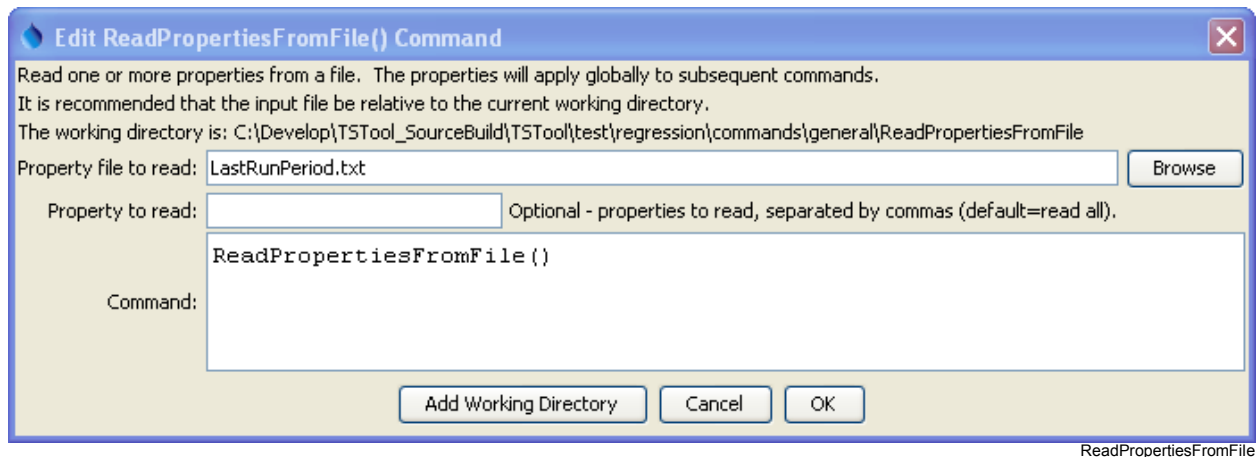
A number of property formats are supported as listed in the following table.

Property File Formats

Format	Description
NameValue	Simple format, all properties handled as text: PropertyName=PropertyValue PropertyName="Property value, quoted if necessary"
NameTypeValue	Same as NameValue format, with non-primitive objects treated as simple constructors: PropertyName=PropertyValue DateTimeProperty=DateTime("2010-10-01 12:30")
NameTypeValue Python	Similar to the NameTypeValue format, however, objects are represented using "Pythonic" notation, to allow the file to be used directly by Python scripts: PropertyName="PropertyValue" DateTimeProperty=DateTime(2010,10,1,12,30)

The format of the file currently is not required when reading the file because the command detects the format for each property and creates an appropriate object type. If this becomes an issue, the command may be enhanced to add a parameter to specify the format (similar to the `WritePropertiesToFile()` command).

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



ReadPropertiesFromFile() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
InputFile	The property file to read, as an absolute path or relative to the command file.	None – must be specified.
IncludeProperty	The names of properties to read, separated by commas.	If not specified, all processor properties will be written.