Command Reference: RunCommands()

Run a command file

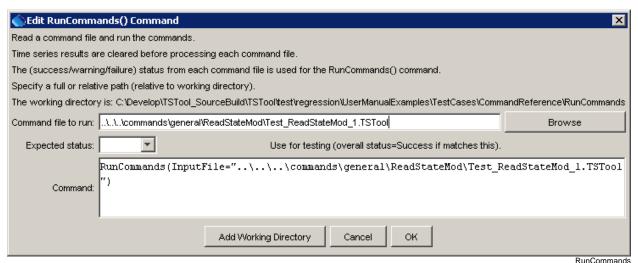
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The RunCommands () command runs a command file. This command can be used to manage workflow where multiple commands files are run, and is also useful for testing.

Command files that are run can themselves include RunCommands () commands. Each command file that is run has knowledge if its initial working directory and relative paths referenced in the command file are relative to this directory. This allows a master command file to reside in a different location than the individual command files that are being run. The current working directory is reset to that of the command file being run.

There is currently no special handling of log files; consequently, if the main command file opens a log file and then a command file is run that opens a new log file, the main log file will be closed. This behavior is being evaluated.

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



RunCommands() Command Editor

RunCommanus

The command syntax is as follows:

RunCommands (Parameter=Value, ...)

Command Parameters

Parameter	Description	Default
InputFile	The name of the command file to run, enclosed in double	None – must be
	quotes if the file contains spaces or other special	specified.
	characters. A path relative to the master command file	
	can be specified.	
ExpectedStatus	Used for testing – indicates the expected status from the	Success
	command, one of:	
	Unknown	
	• Success	
	Warning	
	• Failure	
AppendResults	Envisioned for implementation in the future. Indicate	Currently always
	whether time series results from each command file	False
	should be appended to the overall time series results.	
	This parameter currently always defaults to False, but	
	support for True may be implemented in the future.	
	Consequently, only the time series results from the last	
	command file that is run will be displayed in TSTool.	

The following example illustrates how the RunCommands () command can be used to test TSTool software (or any implementation of commands). First, individual command files are implemented to test specific functionality, which will result in warnings if a test fails:

```
StartLog(LogFile="Results/Test_ReadStateMod_1.TSTool.log")
TS Alias = NewPatternTimeSeries(NewTSID="MyLoc..MyData.Day",
    Description="Test data",SetStart="1950-01-01",
    SetEnd="1951-03-12",Units="CFS",PatternValues="5,10,12,13,75")
# Uncomment the following command to regenerate the expected results file.
# WriteStateMod(TSList=AllTS,
# OutputFile="ExpectedResults\Test_ReadStateMod_1_out.stm")
ReadStateMod(InputFile="ExpectedResults\Test_ReadStateMod_1_out.stm")
CompareTimeSeries(Precision=3,Tolerance=".001",DiffFlag="X",
    WarnIfDifferent=True)
```

Next, use the RunCommands () command to run one or more tests:

```
StartRegressionTestResultsReport(
   OutputFile="RunRegressionTest_commands_general.TSTool.out.txt")
...
RunCommands(InputFile="..\..\..\commands\general\ReadStateMod\Test_ReadStateMod_1.TSTool")
...
```

Each of the above command files should produce expected time series results, without warnings. If any command file unexpectedly produces a warning, a warning will also be visible in TSTool. The issue can then be evaluated to determine whether a software or configuration change is necessary.