
Command Reference:

CreateRegressionTestCommandFile()

Create a command file to run regression tests

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The `CreateRegressionTestCommandFile()` command creates a command file that includes a `StartRegressionTestResultsReport()` and multiple `RunCommands()` commands. A starting directory is provided and all files that match the given pattern (by convention *Test*.TSTool*) are assumed to be command files that can be run. The resulting command file is a test suite comprised of all the individual tests and can be used to verify software before release.

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

Edit CreateRegressionTestCommandFile() command

This command creates a regression test commands file, for use in software testing.
Test commands files should follow documented standards.
A top-level folder is specified and will be searched for commands files matching the specified pattern.
The resulting output commands file will include `runCommands()` commands for each matched file, and can be independently loaded and run.
It is recommended that file names be relative to the working directory, which is:
C:\Develop\TSTool_SourceBuild\TSTool\test\regression\UserManualExamples\TestSuite\create

Folder to search for TSTool command files:

Command file name pattern: Default is "Test_*.TSTool"

Commands file to create:

Append to output?: Append commands to output file? (default=True)

Command:
`CreateRegressionTestCommandFile(SearchFolder="..\TestCases",OutputFile="..\run\RunTestSuite_UserManualExamples.TSTool",Append=False)`

CreateRegressionTestCommandFile

CreateRegressionTestCommandFile() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
SearchFolder	The folder to search for regression test command files. All subfolders will also be searched.	None – must be specified.
FilenamePattern	Pattern for TSTool command files, using wildcards.	Test_*.TSTool
OutputFile	The name of the command file to create, enclosed in double quotes if the file contains spaces or other special characters. A path relative to the command file containing this command can be specified.	None – must be specified.
Append	Indicate whether to append to the output file (True) or overwrite (False). This allows multiple directory trees to be searched for tests.	True

See the RunCommands () documentation for how to set up a regression test. The following command file illustrates how to create a regression test suite.

```
CreateRegressionTestCommandFile(SearchFolder="..\..\..\commands\general",
    OutputFile="..\run\RunRegressionTest_commands_general.TSTool",Append=False)
```

An example of the output file from running the tests is:

```
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\add\Test_Add_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\addConstant\Test_AddConstant_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\adjustExtremes\Test_AdjustExtremes_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\analyzePattern\Test_AnalyzePattern_FromMonthDataValues.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\ARMA\Test_ARMA_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\blend\Test_Blend_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\ChangeInterval\Test_ChangeInterval_DayMean_To_MonthMean.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\ChangePeriod\Test_ChangePeriod_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\compareTimeSeries\Test_AllDifferent.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\compareTimeSeries\Test_AllSame.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\convertDataUnits\Test_ConvertDataUnits_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\Copy\Test_Copy_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\CreateEnsemble\Test_CreateEnsemble_1.TSTool
FAILURE C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\CreateFromList\Test_CreateFromList_1.TSTool
WARNING C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\CreateTracesAlias\Test_CreateTraces_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\cumulate\Test_Cumulate_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\DeselectTimeSeries\Test_DeselectTimeSeries_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\DisaggregateAlias\Test_Disaggregate_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\divide\Test_Divide_1.TSTool
WARNING C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\fillCarryForward\Test_FillCarryForward_1.TSTool
SUCCESS C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\fillConstant\Test_FillConstant_Day.TSTool
```