

ResultsArchiver

CSi.Testing

Exported on 06/25/2018

Table of Contents

1	Purpose.....	4
2	Distribution	5
3	Command Line Operation	6
3.1	Overview	6
3.1.1	File Name.....	6
3.1.2	File Path.....	6
4	ResultsArchiver.Config.xml	7
4.1	Description of individual XML elements	7

On this page:

- [Purpose](#) (see page 4)
- [Distribution](#) (see page 5)
- [Command Line Operation](#) (see page 6)
 - [Overview](#) (see page 6)
 - [File Name](#) (see page 6)
 - [File Path](#) (see page 6)

1 Purpose

The purpose of the ResultsArchiver is to automate the process of archiving the following files from a given test run associated with a given program of a given version and and build:

- Test results HTML file.
- All model log files

The ResultsArchiver will either override existing archived results, or only add to the archive for new models, program builds, etc.

2 Distribution

The ResultsArchiver can be distributed both as a *.dll library for use in other programs, as well as in a console *.exe program for command line use.

3 Command Line Operation

The console program includes a default *.xml configuration file, described at [ResultsArchiver.Config.xml](#) (see page 7). Values can be changed, added, and removed in order to control the program.

Config files of other names or at other locations may be used as alternative means of controlling the program. These can be specified through the command line.

For the console program to work correctly, it must be located at the following path:

- .\TFS\Models Database_Tests

3.1 Overview

ResultsArchiver.exe can be run with a number of command line parameters using the following format:

```
ResultsArchiver.exe "config file name or path"
```

The command line parameters are listed below.

3.1.1 File Name

Syntax:

```
ResultsArchiver.exe "config file name"
```

Causes the program to read the specified configuration file, assumed to be located at the location of the program.

3.1.2 File Path

Syntax:

```
ResultsArchiver.exe "config path\file name"
```

Causes the program to read the specified configuration file at the absolute path given.

4 ResultsArchiver.Config.xml

This page is used to document the schema for the XML config file used for ResultsArchiver settings.

On this page:

- [Description of individual XML elements \(see page 7\)](#)

4.1 Description of individual XML elements

XML Element	Multiple?	Optional?	Description
/test_results			Root element.
/test_results/ @runType			Type of run corresponding with the models testing directories. These are: <ul style="list-style-type: none"> • single (all models run once, under a single analysis setting) • psb (all models are run under each of the 9 analysis setting combinations) • development (model files under development that are not checked in to source control)
/test_results/ @overwriteExisting			True: Existing results will be overwritten by the current ones generated for archiving. False: Only results not yet archived will be added.
/test_results/ application			Application name.
/test_results/ version			Tested version, in the format of vv.v.v.bbbb where bbbb is the build number. This must match what is specified in the regTest.xml used for the desired test run results.
/test_results/ suite_names			List of suite names to archive. If none is specified, then all suites will be archived.
/test_results/ suite_names/ suite_name	Y	Y	Name of the suite to archive.
/test_results/ test_descriptions			Test descriptions to archive. If none is specified, then all default test descriptions will be checked. This must match what is specified in the regTest.xml used for the desired test run results.

XML Element	Multiple?	Optional?	Description
/test_results/ test_descriptions/ test_description	Y	Y	Test description according to the regTest system. In most cases this is 'run as is'. For PSB tests this will be the PSB setting (e.g. P1 S1 B1). If archiving results from all PSB settings of a PSB run, make sure that no test description is specified.