TIBCO PSG

Configuration Management Tools

User’s Guide

Version 0.1.0

Revision History

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1. Introduction

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***Notes:***

* In case of question, please contact Pierre Ayel (payel@tibco.com).
  1. Overview
* **Export** can extract configuration from one EAR file, one BW application or .a set of BW applications or one single BW profile file into an excel spreadsheet.
* **Import** can merge profiles from one BW application with an excel spreadsheet or generate a single BW profile file from it.
  1. Known Issues

Table 1: Known Issues

| **#** | **Version** | **Issue** |
| --- | --- | --- |
| 1 |  |  |
| 2 |  |  |

1. Installation
   1. Software Location

The tools are provided in a zip file called configtools-<version>.zip.

* 1. Installation on Windows
     1. Pre-Requisites
* A Java runtime environment (JRE) or JDK (version 1.8) must be available.
  + 1. Installation
* Extract the archive into a folder of your choice.
  1. Installation on Unix
     1. Pre-Requisites
* A Java runtime environment (JRE) or JDK (version 1.8) must be available.
  + 1. Installation
* Extract the archive into a folder of your choice (named <install-folder>below and in the rest of this document).

***Example:***

cd /opt/tibco

mkdir tools

cd tools

unzip configtools-0.1.0.zip

1. Common Options

The tools are a set of command line/shell scripts for Windows and Linux

This chapter describes the command line options which are common to all scripts.

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1. Export

The tools are a set of command line scripts for Windows and Linux. Each script usage is documented in its own chapter.

* 1. Description

This tool exports one or more existing BW application profiles into an existing or new Excel spreadsheet (in the ODS format). The resulting or existing spreadsheet can be opened with Microsoft Excel or Libre Office software.

The existing profiles can come as:

* One single profile file (in the .substvar format, as stored in a BW application module).
* Or one BW application module folder, in which case all profiles are added into the spreadsheet.
* One folder, in which case all profiles from all BW application module folders will be added into the spreadsheet.

If no spreadsheet exists, a new one is created by used a template provided with the tool.

Every profile name, such as <name>.substvar is considered as one environment. The profile contents is added into the spreadsheet into a column named <name> (one column per environment). If the column already exists from an existing spreadsheet, the content is merged with the existing column (existing row values are updated and missing ones are added).

To execute the tool, run the bin/export.bat script on Windows or bin/export.sh on Linux.

* 1. Features

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* 1. Usage

From any working directory, type the following:

<install-folder>/bin/export.sh <input> <template> <output>

Options can be provided in any order. Options inside [ ] are optional.

Options are listed in this table:

Table 6: Export <options>

| Parameter | Description |
| --- | --- |
| <input> | The location of the configuration source, which can be:   * One EAR file, * or one BW application module folder * or one folder (containing BW application module folders) |
| <template> | An existing Excel spreadsheet file (in the ODS format) to use as template or an existing configuration spreadsheet.  On Linux this parameter is mandatory.  On Linux, you can use “none” to use the default template provided with the tool.  On Windows, you can omit this parameters and <output> as well. |
| <output> | The location of where the result will be written (as an ODS spreadsheet).  TBC: can <template> = <output>?  On Linux this parameter is mandatory.  On Windows, you can omit this parameter so a new spreadsheet is created.  On Windows, the result spreadsheet will be opened (with Excel software). |
| Other options are described into the next paragraphs. | |

* 1. Usage Examples (Windows)

Export all the profiles from one BW application module folder /code/bw/myapp.application, and create a new spreadsheet:

bin/export.bat /code/bw/myapp.application

Export all the profiles from one BW application module folder /code/bw/myapp.application, and merge them into the existing spreadsheet /docs/myconf.ods:

bin/export.bat /code/bw/myapp.application /docs/myconf.ods

Export the profile file /code/bw/myapp.application/META-INF/PROD.substvar, and create a new spreadsheet:

bin/export.bat /code/bw/myapp.application/META-INF/PROD.substvar

Export profile file /code/bw/myapp.application/META-INF/PROD.substvar and merge them into the existing spreadsheet /docs/myconf.ods:

bin/export.bat /code/bw/myapp.application/META-INF/PROD.substvar /docs/myconf.ods

Export all the profiles from all the BW application module folders, recursively form the folder /code/bw, and create a new spreadsheet:

bin/export.bat /code/bw

Export all the profiles from all the BW application module folders, recursively form the folder /code/bw, and merge them into the existing spreadsheet /docs/myconf.ods:

bin/export.bat /code/bw /docs/myconf.ods

* 1. Usage Examples (Linux)

Export all the profiles from one BW application module folder /code/bw/myapp.application, and create the new spreadsheet /docs/myconfig01.ods:

bin/export.sh /code/bw/myapp.application none /docs/myconfig01.ods

Export all the profiles from one BW application module folder /code/bw/myapp.application, and merge them into the existing spreadsheet /docs/myconf.ods:

bin/export.sh /code/bw/myapp.application /docs/myconf.ods /docs/myconf.ods

Export the profile file /code/bw/myapp.application/META-INF/PROD.substvar, and create the new spreadsheet /docs/myconfig01.ods:

bin/export.sh /code/bw/myapp.application/META-INF/PROD.substvar none /docs/myconf01.ods

Export profile file /code/bw/myapp.application/META-INF/PROD.substvar and merge them into the existing spreadsheet /docs/myconf.ods:

bin/export.sh /code/bw/myapp.application/META-INF/PROD.substvar /docs/myconf.ods /docs/myconf.ods

Export all the profiles from all the BW application module folders, recursively form the folder /code/bw, and create the new spreadsheet /docs/myconf.ods:

bin/export.sh /code/bw none /docs/myconf.ods

Export all the profiles from all the BW application module folders, recursively form the folder /code/bw, and merge them into the existing spreadsheet /docs/myconf.ods:

bin/export.sh /code/bw /docs/myconf.ods /docs/myconf.ods

1. Import

The tools are a set of command line scripts for Windows and Linux. Each script usage is documented in its own chapter.

* 1. Description

TBC.

To execute the tool, run the bin/import.bat script on Windows or bin/import.sh on Linux.

* 1. Features

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* 1. Usage

From any working directory, type the following:

<install-folder>/bin/import.sh <input> <app-config> <global-config> [<output>]

Options can be provided in any order. Options inside [ ] are optional.

Options are listed in this table:

Table 11: Import <options>

| Parameter | Description | Examples |
| --- | --- | --- |
| <input> | The location of the configuration source, which can be:   * One profile file, * or one BW application module folder | |
| <app-config> | The location of an existing Excel spreadsheet (in the ODS format) which contains the BW application specific configuration. | |
| <global-config> | The location of an existing Excel spreadsheet (in the ODS format) which contains the configuration for all your applications.  You can use the same spreadsheet location file for both <app-config> and <global-config> if you do not have any specific spreadsheet for your application. | |
| <output> | The location of the configuration target, which can be:   * not specified if the <input> is one BW application module folder * a new profile file where the configuration will be written. In this case, the name of the profile to merge. | |
| Other options are described into the next paragraphs. | | |

* 1. Usage Examples

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