Configuration Guide
Message Transformation Guidelines - ReplaceStringBean
December 2024
English

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Content

1 Introduction

The ReplaceStringBean is the alternative created to replace string values in a payload. In SAP PI/PO the module used was: ReplaceStringBean.

This solution is comprised by a groovy script, used to replace string values in a payload, with the values configured in properties.

1.1 Properties

There are 2 properties supported in this groovy script:

- **replace. separator:** Optional. This field indicates the separator value in the other properties. Default value is '|'.
- **replace.paramX:** Mandatory. This field indicates the values to be replace. EX: 1|2 (replace all '1' with '2').

Multiple replace properties can be set using the format **replace.param1, replace.param2,…**

To replace blank or empty strings, the following values must be used:

- blankString – finds/replaces by blank string (" ").
- emptyString – replaces by empty string ("").

1.2 Example

1.2.1 TC1 - Single parameter

Properties:

- **replace.param1:** 0|1

Result:

- Before script:

  ```
  Date Mat    PO     GR1GR2GRP3GRP4AMT        CRDT
  202310FABCDX   01TEST123 4530450801000100000002825999010152023
  202310FABCDF   01TEST456 3530150801000100000014582444010152023
  202310FABCDA   01TEST789 5530250801000100000023264182710152023
  ```

- After script:

  ```
  Date Mat    PO     GR1GR2GRP3GRP4AMT        CRDT
  2-231-FABCDX   -1TEST123 453-45-8-1---1-------2825999-1-152-23
  2-231-FABCDF   -1TEST456 353-15-8-1---1------14582444-1-152-23
  2-231-FABCDA   -1TEST789 553-25-8-1---1------2326418271-152-23
  ```

1.2.2 TC2 - Multiple parameters

Properties:

- **replace. separator:** ;
- **replace.param1:** 0;1
- **replace.param2:** 9;blankString
- **replace.param3:** 5; emptyString
- **replace.param4:** 2;+

Result:

- Before script:

  ```
  Date Mat    PO      GR1GR2GRP3GRP4AMT       CRDT
  202310FABCDX   01TEST123 45304508010001000000002825999010152023
  202310FABCDF   01TEST456 35301508010001000000014582444010152023
  202310FABCDA   01TEST789 55302508010001000000023264182710152023
  ```

- After script:

  ```
  Date Mat    PO      GR1GR+GRP3GRP4AMT       CRDT
  +-+31-FABCDX   -1TEST1+3 43-4-8-1---1-------+8+  -1-1+-+3
  +-+31-FABCDF   -1TEST46 33-1-8-1---1------148+444-1-1+-+3
  +-+31-FABCDA   -1TEST78 3-+-8-1---1------+3+6418+71-1+-+3
  ```