MASHZONE NEXTGEN
MIGRATION GUIDE

VERSION 10.5

April 2020

This document applies to MashZone NextGen Version 10.5.1 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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1 Text conventions

Menu items, file names, etc. are indicated in texts as follows:

- Menu items, key combinations, dialogs, file names, entries, etc. are displayed in **bold**.
- User-defined entries are shown as **<bold text in angle brackets>**.
- Example texts that are too long to fit on a single line, such as a long directory path, are wrapped to the next line by using ↵ at the end of the line.
- File extracts are shown in this font format:

  `This paragraph contains a file extract.`
- Warnings have a colored background:

Warning

This paragraph contains a warning.

2 Preface

The MashZone NextGen Migration Guide includes instructions to migrate data feeds, related contents and configurations from MashZone legacy to MashZone NextGen.

3 Migrating data feeds

With MashZone NextGen version 9.12 you can import data feeds, file resource aliases, access permissions, database connections, PPM connections and Real-time buffer from MashZone legacy versions.

Currently not all features of data feeds created in MashZone legacy are supported by MashZone NextGen. Thus, you cannot import data feeds that contain unsupported features.

The following MashZone legacy operators and features are currently not supported in MashZone NextGen data feeds.

- Operators

  Data sources

  - Manual data
  - PPM operator (not alias based)
  - wmOptimize
  - BigMemory Max
- Text

  Create URL
- Date

  Move single date

  Replace date fields
- Geo locations

  Aggregate geo locations

  Retrieve geo locations
- Source locations

  ARIS Design Server

  Google Docs

  Uploaded files (attached files)
- Preprocessing in XML operator

ACCESS PERMISSIONS

Access permissions for data feeds of individual users can be imported. Permissions granted to user groups cannot be migrated. The following access permissions options are also not supported by MashZone NextGen.

- pass on view privilege create copy
- publish
- access to data from assigned data feeds

CONTENT CONVERTED AUTOMATICALLY

Several features used in MashZone legacy are handled differently in MashZone NextGen. MashZone NextGen converts and reconfigures these data feeds during the import.

For details, see the chapter Converted content (page 12).

3.1 Export content from MashZone

Before you can import content from MashZone into ARIS Connect, you must export the desired content from MashZone.

Procedure

1. Open a command shell in the **runtool** folder of MashZone.

   <MashZone installation>\ppmmashzone\server\bin\work\work_mashzone_s\tools\runtool
2. To export all data feeds, execute the following command.

   exporttool.bat -user Administrator -password manage -t feeds [-folder subfolder]

   The exported data feeds are stored in a MZP file in the **importexport** folder of MashZone. If you use the **-folder** parameter, the exported data feeds are located in a subfolder of the **importexport** folder.

   Example

   <MashZone installation>\ppmmashzone\server\bin\work\work_mashzone_s \mashzone_data\importexport\myExports
3. If you want to export the aliases used in the data feeds, execute the following command.

   exporttool.bat -user Administrator -password manage -t aliases [- folder subfolder]

   The exported aliases are stored in the **settings.mzp** file in the **importexport** folder of MashZone. If the **-folder** parameter was used, the exported data feeds are located in an **importexport** subfolder.

   Example

   <MashZone installation>\ppmmashzone\server\bin\work\work_mashzone_s\ mashzone_data\importexport\subfolder

The desired content of MashZone is exported and stored in corresponding MZP files.

3.2 Import content into ARIS Connect

After exporting the desired content in MashZone legacy you can import the content into MashZone NextGen.

Procedure

1. Copy all .mzp files from the importexport folder, or the specified subfolder into the importexport folder of the MashZone NextGen installation. Alternatively you can copy the .mzp files into a subfolder of the importexport folder.,

   for example, <MashZoneNG installation> \mashzone\data\importexport\subfolder
2. Open a command shell in the runtool folder of the MashZone NextGen installation.

   for example, <MashZoneNG installation> \mashzone\tools\runtool
3. Execute the following command.

4. migrationtool.bat -user Administrator -password manage [-folder subfolder] [-migration] [-o] [-f]

   -folder: Name of the importexport subfolder where the .mzp files are located.

   -migration: Only with this option the content will be imported. Without this option, the migration tool is executed as a test run.

   -o: If a data feed already exists in the system, it will be overwritten with this option.

   -f: Only "NOT SUCCESSFUL" result are printed to the console and into the migration log file.

The migration process is finished. On the console and in the migration.log file you'll find the migration results.

Data feeds that could not be imported can be adapted in MashZone legacy and be exported again. See " Adapting data feeds" on page 15 for details.

The name of a .mzp file contains a timestamp. Make sure you copied the latest one to MashZone NextGen. Additionally remove the old .mzp file from the importexport/ [subfolder] before copying the new one. Only one -mzp file per data feed should be provided. You can use different subfolders to avoid having multiple .mzp files for the same data feeds.

3.2.1 Manual steps required

To complete the migration you must manually perform the following steps after the import process.

Procedure

1. Copy the content of the resources folder of MashZone Legacy, for example, <MashZone Legacy installation>\ppmmashzone\server\bin\work\work_mashzone_s \mashzone_data\resources, into the resources folder of the MashZone NextGen installation, for example, <MashZoneNG installation>\mashzone\data\resources.
2. Additionally copy all resources that are accessed by the file resource aliases of the MashZone legacy system into the appropriate folders of the MashZone NextGen system.
3. Migrate the JDBC connections if required. See "Migrating JDBC connections" on page 13 fore details.

The desired data feeds and the related content are migrated.

3.2.2 Specify permissions

MashZone NextGen version 10.1 enables you to assign access permissions for all data sources to individual user and user groups. Exported data sources of MashZone legacy do not contain access permissions. Which means that all imported data sources can be seen and used by all MashZone NextGen users. Thus, it is recommended to assign manually the access permissions for imported data sources.

By using the Edit permissions dialog you can manage access permissions for data source aliases and connections, for example, PPM connections, file resources, or URL aliases. See MashZone NextGen for details.

You can use the Presto_AuthenticatedUser user group to assign access permissions for selected data sources to all registered MashZone NextGen users. The user group includes all authenticated MashZone NextGen users. By assigning the user group to a data source all included user have the relevant access permission for the data source selected.

When upgrading a previous MashZone NextGen to the current version, the access permissions for the data sources are updated automatically.

3.2.3 Migrating data feeds

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CONTENT CONVERTED AUTOMATICALLY

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For details, see the chapter Converted content (page 12).

4 Migrating JDBC connections

You can import the JDBC connec□ons of MashZone legacy (versions 9.5 to 9.12) in MashZone NextGen.

Procedure

1. Copy all drivers located in the jdbcdrivers folder of the MashZone installation directory to the jdbcdrivers folder of the MashZone NextGen installation and restart the MashZone NextGen server.
2. Export in MashZone all JDBC connections you want to upgrade. See MashZone Online help for details.

   The exported JDBC connections are stored as mzp files, starting with

   A_DATABASE…, in folder <MashZone installation> \ppmmashzone\server\bin\work\work_mashzone_m\mashzone_data\importexport.
3. Copy all mzp files starting with A_DATABASE... into the dbconnections subfolder of the importexport folder located in <MashZone NextGen installation>\mashzone\data\importexport.
4. Start the MashZone NextGen server if not already done. Then go to the runtool folder (located under \mashzone\tools), open a dos command line and call:

   migrationtool -user Administrator -password manage -folder dbconnections

All JDBC connections from the dbconnections folder will be imported into MashZone NextGen.

In the MashZone NextGen Admin Console the JDBC connections are separated in two parts, the driver part and the data source part. You can find all JDBC related items in the JDBC Configuration tab of the Admin Console.

If you need to upgrade a connection using a JDBC driver that consists of multiple JAR files, you will have to create a new driver JAR which bundles all the individual files into one single file. After that, you will have to copy the newly created JAR file to the MashZone NextGen installation.

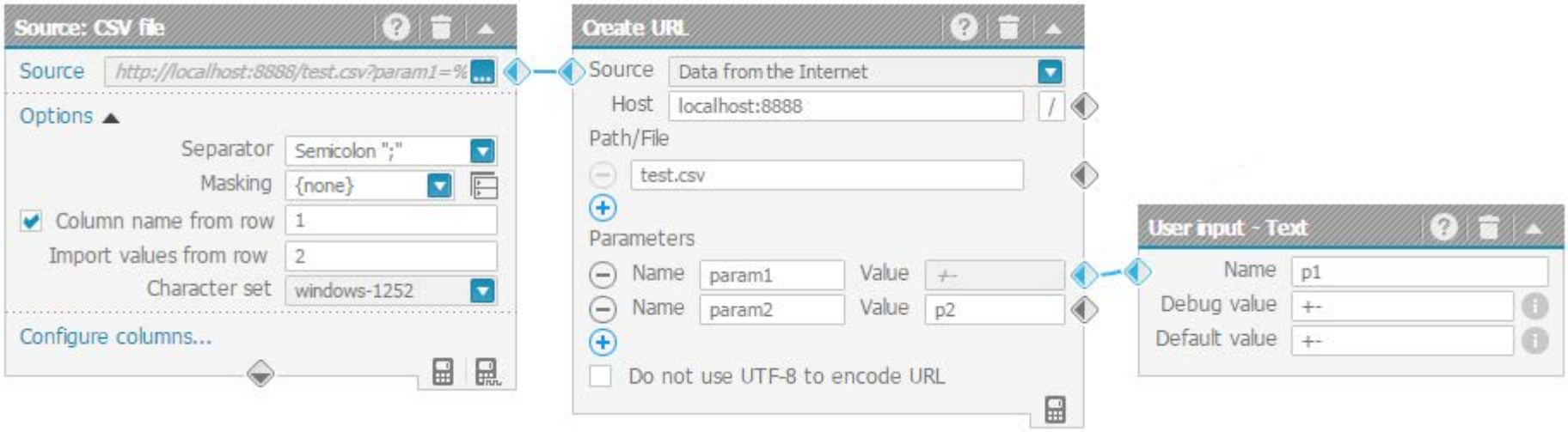
5 Adapt data feeds

You must reconfigure data feeds that use unsupported options or functions from MashZone before you can import them into ARIS Connect.

The following examples show how to adapt unsupported data feeds.

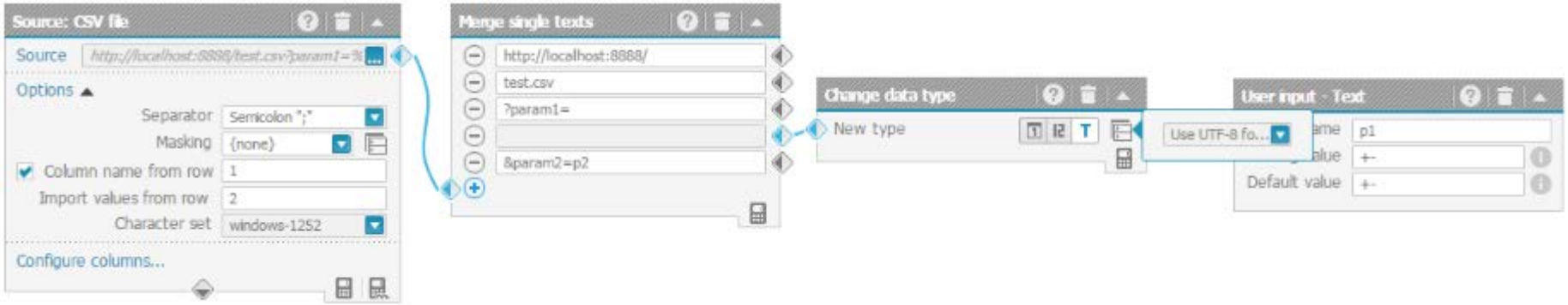
CREATE URL OPERATOR

The **Create URL** operator can be adapted as shown in the following example.



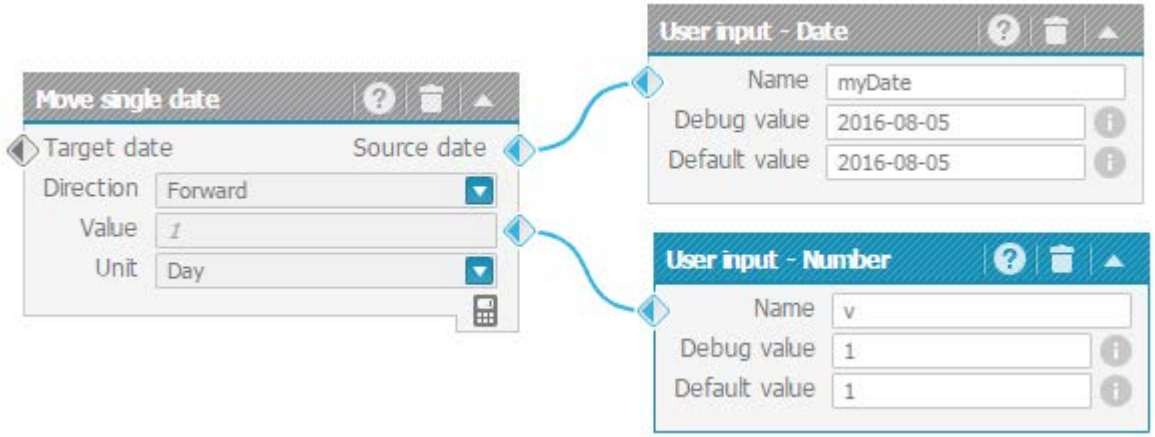
The **Create URL** operator delivers the URL **http://localhost:8888/test.csv?param1=%2B-&param2=p2**.

It can be replaced by a merge single text operator as follows.

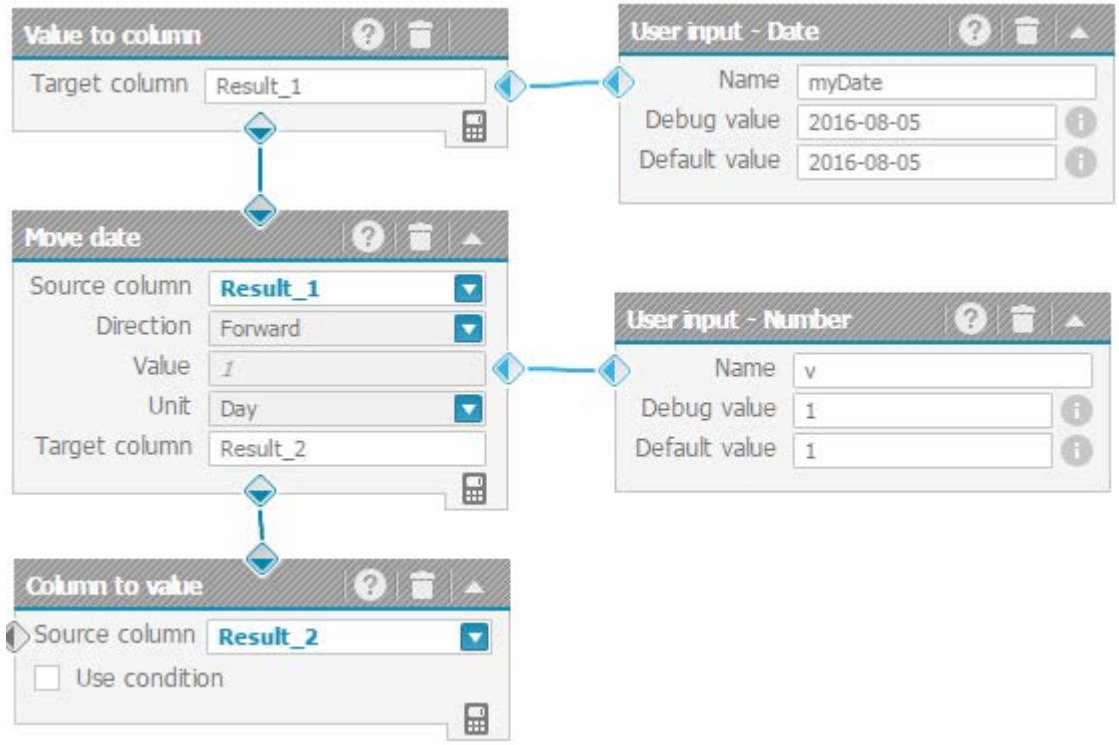


MOVE SINGLE DATE OPERATOR

The Move single date operator can be adapted as shown in the following example. Instead of using the move single date operator it is possible to use the move date operator as shown below.



The same result can be achieved with the following construction.



6 Converted content

Some of the features used in MashZone are handled differently in ARIS Connect. ARIS Connect converts and reconfigures these data feeds during the import. The data feed layout is also adjusted automatically by ARIS Connect.

The following features are adjusted automatically in ARIS Connect.

7 Adapt PPM connections

If you import a dashboard or a data feed of an older version than MashZone NextGen 10.0 you have to reconfigure the PPM connection specified for your PPM data source.

Previously, the PPM connection in MashZone NextGen (and MashZone legacy) had to be configured with a context that the user was permi□ed to configure freely within PPM client setup (for example, "ppm/API_umg_en", but also "ppm/myFavoriteContextName"). With MashZone NextGen version 10.0 the context of the PPM connection has been replaced by the PPM client name. Effectively, the Context field is renamed to Client and it does no longer contain a configurable context, but instead just the <client>. Therefore, the PPM connection settings have to be adapted manually.

Procedure

1. Open the PPM connection settings in the MashZone NextGen administration. See MashZone NextGen online help for details.
2. Specify the PPM client name of your PPM connection in the Client field.
3. Click Save.

Your changes are applied.

8 Migrate custom dashboard components

You can migrate you custom dashboard components (widgets) from MashZone NextGen version 10.0 to the current MashZone NextGen version.

Custom dashboard components directory version MashZone NextGen 10.0:

<MashZoneNG installation> \apache-tomee-jaxrs\webapps\presto\hub\dashboard \widgets\customWidgets\myCustomWidget

Custom dashboard components directory version MashZone NextGen 10.1:

<MashZoneNG installation> \apache-tomcat\webapps\mashzone\hub\dashboard \widgets\customWidgets\myCustomWidget

Procedure

1. Copy the folder containing your custom dashboard components to the new MashZone NextGen installation directory.

1. In case dashboard.htmlwas changed, e.g, in order to import third party libraries for a custom dashboard component, copy all needed changes to the new dashboard.html file.
2. Copy all files required by your custom dashboard, such as third party libs, to the corresponding directory of the current MashZone NextGen directory.
3. MashZone NextGen 10.1 comes with a new version of AngularJS (1.6.4) and Angular UI (2.5.0). So you also may need to update your custom components to work with the updated libraries.

   Angular 1.6: Some deprecated APIs have been removed. For example http's deprecated custom callback methods success() and error() have been removed.

   For detailed information please have a look at the official migration guide: https://docs.angularjs.org/guide/migration#migrating-from-1-5-to-1-6.

Angular UI 2.5.0: In case your custom component uses Angular UI controls or services like combo boxes, tool tips etc. Please have a look at the official API documentation and the migration guide. In the new Angular UI version components have the "

uib prefix. For further information please have a look at the official website h□ps:// angular-ui.github.io/bootstrap/ and the migration guide h□ps://github.com/angular-ui/bootstrap/wiki/Migration-guide-for-prefixes.

Procedure

1.

9 Legal information

9.1 Documentation scope

The information provided describes the settings and features as they were at the time of publishing. Since documentation and software are subject to different production cycles, the description of settings and features may differ from actual settings and features. Information about discrepancies is provided in the Release Notes that accompany the product. Please read the Release Notes and take the information into account when installing, setting up, and using the product.

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