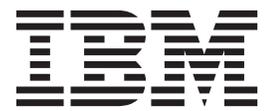IBM WebSphere Multichannel Bank Transformation Toolkit
Version 8.0

Release notes

IBM

> **Note!**
>
> Before using this information and the product it supports, be sure to read the general information under "Notices" on page 5.

Contents

WebSphere Multichannel Bank Transformation Toolkit 8.0 release notes

This document contains information about version 8.0 of IBM® WebSphere® Multichannel Bank Transformation Toolkit. It describes the new components and functions at an architectural level.

New in this release

This topic describes the new features and enhancements that are provided with IBM WebSphere Multichannel Bank Transformation Toolkit.

WebSphere Multichannel Bank Transformation Toolkit version 8.0 provides the following new features and enhancements:

- Embeds WAS to provide the infrastructure to run the multichannel applications
- Embeds Unica Campaign V8.5, Unica InteractV8.5 to provides the real-time marketing
- One stop integrated tools for develop multichannel applications
- Provide mobile support for smart phone mobile banking
- Improved run-time framework and tooling
  - Support server controlled client interaction such as pop-up dialogs
  - Enhance UI cross validation and tooling support
  - Support customized cell editor inside Grid widget

Product fix history

This section lists the closed APARs before WebSphere Multichannel Bank Transformation Toolkit version 7.1.

Table 1. List of close APARs against version 7.1.

APAR	Description
JR40025	Alpha: Naming convension extension
JR40092	Extension widgets preview support
JR40128	Tooling limitation for multiproject includes
JR40190	session not found when returning from remote subflow
JR40185	Deleting or renaming a BTT problem
JR40192	Enhancement of NLS editor dialog
JR40193	Enhancement of state display in flow editor
JR40197	Error in referring NLS or file in global project
JR40217	Transaction Dashboard View
JR40316	Custom types are not supported in op generation
JR40342	error in dojo btt library
JR40353	DojoTableTag not support null data
JR40835	Exception when navigate operation
JR40836	NullPointerException is thrown in a modal window

Table 1. List of close APARs against version 7.1. (continued)

APAR	Description
JR40837	XUI Generation Wizard fails to load Operation Context
JR40884	Failed to generate view from SDO
JR40885	Generated wrong url from wsdl
JR40887	Error when define refData of kColl
JR40834	Global function throw exception
JR40920	kColl prefix was not shown in condition state
JR40921	Incorrect validation error
JR40905	css file selection
JR41359	LabelFromList do not wotk in table widget
JR40832	Append attribute in mapping
JR40930	Can not handle upcase character in style
JR41035	RefData selector has limitation in MP
JR41039	Can not refer type defined in global project
JR40889	Double click Submit button problem
JR41081	showErrorMessage does not support NLS
JR41122	Preview limitation
JR41134	transaction file size so big when do map operator
JR41345	black dot appears at side of check box in FF if text is empty

Hardware and software requirements

For details on the hardware and software requirements of IBM WebSphere Multichannel Bank Transformation Toolkit, refer to the Hardware and software requirements topic in the IBM WebSphere Multichannel Bank Transformation Toolkit Installation Guide.

Limitations, known issues, and workarounds

This section lists the limitations and known issues of this release. It also provides information about any fixes or workarounds that exist for resolving these limitations and issues.

The following limitations have been identified:

Runtime

- Currency symbol is not validated in CurrencyValidator.
- Currency symbol cannot be displayed when bColl is used as a data module.
- Type initialize does not report accurate exception messages.
- There are multiple validations for an input value and the valid sequence is weird. This is cause by DOJO mechanism.
- If a value for the height property of a table is not specified, a user cannot edit the table in Internet Explorer 8.
- When defining data mappings, validation exceptions occur during mapping. This is caused by the absence of a validation mechanism when the context.setValuteAt() is called.

- AJAX invocation can be launched only by a form.
- A direct pagination table does not support the "go to a specific page" function.
- Select widget doesn't support duplicate background value due to filter function.
- Table widget can not support pagination and editable together
- Textbox widget validation sequence may met some problem
- In Type.xml, the default type name is like ByteNumber, ShortNumber, FloatNumber, it should be identical in webservice tooling parse mechanism, otherwise, it can't match the data type.
- DataMapperExpressionConverterFormat does not support map elements in multiple level list at the same time.
- Processor does not add dataElement into an icoll dynamically if the icoll is defined as type.
- End user needs to lost focus when submit editable table in IE
- Fileupload widget doesn't support multiple files upload.

Tooling

- The XUI editor does not support Linux operating systems.
- A .transaction file cannot be imported from a .xml file.
- A .xui file cannot be imported from a JSP file.
- XUI and transaction template files cannot be saved in a plug-in folder, which is not efficient for sharing.
- Classes with inheritance relationship -- This Web services tooling could partly support the generation of classes and WebSphere® Multichannel Bank Transformation Toolkit resources if there is inheritance relationship in WS types definition. In the latest version, the tooling works correctly if all the classes in the inheritance structure are insatiable. The tooling has not been designed to work for the classes which are abstract classes or interfaces.
- Multiple embedded collection type -- This Web services tooling could partly support the generation of classes and WebSphere Multichannel Bank Transformation Toolkit resources if there is complex classes composition relationship in WS types definition. But there is an exception if there are more than one collection in the composition relationship. For example, if 'List A' contains 'Bean B', and then 'Bean B' has a field whose type is 'List C', the formatter will be generated into structure as '*.*'. And it is not supported by both Web services runtime and tooling.
- Camel case names -- The names of Java resources such as classes, package and fields will be converted into camel case style after the stub class generation. It is the behavior from XJC tool which is used by JAXB implementation. But in our Web services tooling, there are some defects in the camel case conversion imported by wsimport (JDK tool). The conversion result sometimes is different from JavaBean standard. And this defect will cause a problem during the data mapping.
- Enumeration and annotation -- Some features such as enumeration and annotation are not supported now in latest version. It means users can not define enumeration and annotation in WSDL types.
- In the WebSphere Multichannel Bank Transformation Toolkit Transaction Editor-operation, create a new operation definition; there will be a generated implClass. But when moving the operation class to another package, there's a popup message box ask: Update reference to "operation.java", check this option, but you will find there's no change in implclass for operation definition in transaction editor.

- When refer an element which is from an imported definition file, the detail sub fields of the referenced element can not be navigated in editor.
- In BTT Transaction Editor- operation, create a new operation definition, there will be a generated implClass. but, When move the operation class to another package, there's a popup message box ask: Update reference to "operation.java", check this option, but you will find there's no change in implclass for operation definition in transction editor.
- Property view can not be auto focused once a tooling element is clicked in eclipse environment.

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