TIBCO® MDM Studio Release Notes

Software Release 5.1.0
August 2017

Important Information

Contents

TIBCO Documentation and Support Services

Documentation for this and other TIBCO products is available on the TIBCO Documentation site. This site is updated more frequently than any documentation that might be included with the product. To ensure that you are accessing the latest available help topics, visit:

https://docs.tibco.com

Product-Specific Documentation

Documentation for TIBCO products is not bundled with the software. Instead, it is available on the TIBCO Documentation site. To directly access documentation for this product, double-click the following file:

TIBCO_HOME/release_notes/TIB_bstudio-mdm_*5.1.0*_docinfo.html

where *TIBCO_HOME* is the top-level directory in which TIBCO products are installed. On Windows, the default *TIBCO_HOME* is C:\tibco. On UNIX systems, the default *TIBCO_HOME* is /opt/tibco.

The following documents for this product can be found on the TIBCO Documentation site:

- TIBCO MDM Studio Release Notes
- TIBCO MDM Studio Installation Guide
- TIBCO MDM Studio Process Designer Tutorial
- TIBCO MDM Studio Process Designer User's Guide
- TIBCO MDM Studio Repository Designer Tutorial
- TIBCO MDM Studio Repository Designer User's Guide
- TIBCO MDM Studio Rulebase Designer Tutorial
- TIBCO MDM Studio Rulebase Designer User's Guide
- TIBCO MDM Studio UI Builder Tutorial
- TIBCO MDM Studio UI Builder User's Guide

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, contact TIBCO Support:

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

  http://www.tibco.com/services/support

- If you already have a valid maintenance or support contract, visit this site:

  https://support.tibco.com

  Entry to this site requires a user name and password. If you do not have a user name, you can request one.

How to Join TIBCO Community

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New Features

TIBCO® MDM Studio 5.1.0 introduces new features of the following components:

- Process Designer
- Repository Designer
- Rulebase Designer
- UI Builder

Support for Eclipse 4.4.1 (Luna) is added in this release.

Process Designer

The following new features has been added in version 5.1.0 of TIBCO MDM Studio.

New Activity

A new activitiy, AddressCleansing, is added in TIBCO MDM Studio.

New Parameters

- **Purge Activity** :

  Two new parameters **StartDate** and **EndDate** is added in Purge Activity. The parameters support String data type and are optional parameters.

- **GenerateReportForSDD**

  A new parameter **NumberOfRecordsToIncludeInReport** is added in GenerateReportForSDD Activity. The parameter supports Long data type and is optional parameter.

- **ExtractRelationship**

  Two new parameters **VersionPolicy** and **DeleteRelationshipsOnly** is added in ExtractRelationship Activity. The parameter supports String data type and is optional parameter.

Repository Designer

The following new features have been added in version 5.1.0 of TIBCO MDM Studio.

Repository Model in Excel Format

You can design a repository model by importing an Excel file with predefined format for a repository, attributes, relationships, and relationship attributes. A sample Excel file with the predefined format is bundled in the TIBCO MDM Studio *<version>* folder. In addition, you can also export repository model in Excel file format.

MDM Template Samples

A new MDM template sample consisting of Customer Model is added.

Advanced Tab for an Attribute

The **Advanced** tab is added in the **Attribute Property** section. Using the new **Advanced** tab, you can specify whether an attribute is mandatory by setting the "Required" field as true. The **Advanced** tab displays the Data Quality properties such as the QualityMode, QualityCategorization, QualityGoal. In addition, you can also add new custom properties.

Input Map Enhancement

Direct Load Options are enhanced with a new **Delete Relationships Only** check box. On selecting this option, the relationship between records is deleted for existing records.

Rulebase Designer

The following new features has been added in version 5.1.0 of TIBCO MDM Studio.

Contraint Property

A new flag **Execute on Data Verification** is added on the **Advanced** tab for constraints. This property identifies that the particular constraint is defined for data verification.

Geocode Function

A new function **gecode** is added in rulebase to perform geocoding during record add or modify operation.

UI Builder

The following new feature have been added in version 5.1.0 of TIBCO MDM Studio.

New Palette

- **Chart**: The Chart palette contains different types of chart controls that help in building the UI.

New Widgets

- **Dashboard**: The Dashboard widget is the outer container that holds Dashboardpanel widgets with different columns.

- **DashboardPanel**: The Dashboardpanel widget is the container that holds other widgets. It is displayed as a small container with a blue header on the Dashboard.

- **Wizard**: The Wizard widget is for creating multistep workflows that do not require server request. You can drag a data model to the wizard to display it.

- **Chart**: The Chart widget provides an intuitive way to monitor the data quality. Using this widget, you can define a line chart to monitor the data quality of an attribute.

- **MDM Statistics**: The MDM Statistics widget provides pie charts and number display to monitor the event summary, work item summary, and query summary.

- **Summary Control**: The Summary Control widget provides a radial progress chart to monitor the data quality of attribute.

Samples

There are 8 new UI Builder samples created based on the Customer Model. These samples describe how to use new and existing widgets in the UI Builder. The sample UI Builder pages (.mub files) are available under **UI Builder** folder of the **Customer Model**. Import the **Customer Model** zip from the **MDM Model Templates** available in the **TIBCO MDM Samples 5.1. Samples** folder to your studio project to view the samples.

- **Dashboard Sample** : The Dashboard sample explains all the properties of the new Dashboard widget. To view the details of each property, import the `Dashboard_sample.mub` page to your project.

- **Wizard Sample**: The Wizard sample explains all the properties of the new Wizard widget. To view the details of each property, import the `Wizard_sample.mub` page to your project.

- **Address Page Sample**: The Address Page sample explains all the properties of the Panel, Tab Panel, Text Area, File Upload widgets. To view the details of each property, import the `AddressPage.mub` page to your project.

- **Accordion Form Sample**: The Accordion Form sample explains all the properties of the Accordion widget. In addition, it also contains other widgets. To view the details of each property, import the `FormAccordion.mub` page to your project.

- **FieldSet Form Sample**: The FieldSet Form sample explains all the properties of the FieldSet Form widget. In addition, it also contains other widgets. To view the details of each property, import the `FormFieldSet.mub` page to your project.

- **Admin Home Page Sample**: The Admin Home Page sample explains all the properties used in creating the Administraton Home page which is displayed on the MDM Server. To view the details of each property used in creating the home page, import the `homePageAdmin.mub` page to your project.

- **Data Steward Role Home Page Sample**: The Data Steward role home page sample explains all the properties used in creating the Data Steward role home page, which is displayed of the MDM Server. This home page is visible only to the users with Data Steward role. To view the details of each property, import the `homePageDS.mub` page to your project.

- **Person Page Sample**: The Person Page sample explains all the properties of the Panel, Tab Panel, Text area, Date Picker, Header, iframe, Sticky Footer, Validate Button, Save Button, Save and Process Button, Cance Button. To view the details of each property, import the `PersonPage.mub` page to your project.

Changes in Functionality

The following changes in functionality have been introduced in version 5.1.0 of TIBCO MDM Studio.

- Process Designer
- Repository Designer
- Rulebase Designer
- UI Builder

Process Designer

There is no change in functionality in version 5.1.0 of TIBCO MDM Studio.

Repository Designer

There is no change in functionality in version 5.1.0 of TIBCO MDM Studio.

Rulebase Designer

The following features have changed in version 5.1.0 of TIBCO MDM Studio.

Select Action

The select action property sheet is updated for **Enum Select Type**. In the **Attributes** section **Type** column is added. The **Type** column has three new values **variable**, **const**, and **context variable**. If variable type is selected, then declared variables are listed in the **Literal** column and if context variable type is selected, then all the context variables are listed in the **Literal** column.

Duplicate Function

The duplicate function is enhanced to support new parameter, caseSensitive.

UI Builder

The following features have changed in version 5.1.0 of TIBCO MDM Studio.

Data Table Widget

The **Column Editor** tab in the **Data Table** widget is enhanced. A new sync action is added to synchronize the datagrid columns with the repository.

Deprecated and Removed Features

No features are deprecated or removed as of version 5.1.0 of TIBCO MDM Studio.

Migration and Compatibility

The following migration procedures are covered in version 5.1.0 of TIBCO MDM Studio.

Rulebase Designer

- Rulebase models created with the previous release have to be migrated to the current release through an in-place migration of the rulebase file. To migrate rul files through migration, use the dialog box after clicking the rul file or use the quick fix available in the problem section.

UI Builder

All artifacts created with the previous release have to be regenerated and redeployed for all *.mub files.

Closed Issues

The tables list the closed issues in version 5.1.0 of TIBCO MDM Studio.

Process Designer

Key	Summary
CIMS-2334	On modifying the parameter using the Edit Parameter dialog and then mapping the datafield variable to an input parameter, the modification to the Edit Parameter dialog was lost.

Repository Designer

Key	Summary
CIMS-4480	The Syntax for like operator was incorrect in the Rulebase Designer User Guide.
CIMS-4965	Attribute creation did not work for database SQL type datasource.
CIMS-4718	Error occurred on opening SQL based data source, which was imported from MDM metadata xml.
CIMS-4669	In PatternsIndexer configuration editor, on adding ID attribute as index attribute in join entity for a child repository, it gets stored as "ID" instead of "PRODUCTID"
CIMS-4662	The column name of predefined attribute EFFECTIVEDATE was editable.
CIMS-4626	On adding a new attribute to an existing Datasource, the newly added attributes appeared as Common Keys in the Input Map of the Datasource.
CIMS-4599	Support for resource bundle editor and deployment was not added.
CIMS-4365 / CIMS-4714	TIBCO MDM Studio did not support importing metadata with multiple synchronization formats.
CIMS-4557	If there were two repositories with two relationships, forward relationship and self relationship for child repository and the child repository also had two multi value attributes, on clicking the Save and Process button,"Response format is unexpected" error occurred.
CIMS-4556 / CIMS-4576	During inline editing of a parent record if the child hierarchy was expanded, the hierarchy was not visible even though there were records in the hierarchy.
CIMS-4555 / CIMS-4577	During inline editing of child records, the parent records were also opened in the inline editing mode.
CIMS-4362	During inline editing of an attribute, which was at the end of record in a data grid, the horizontal bar moved towards the left and editing was not possible. However, the attribute was editable on the selecting row in the data grid and when the edit button was clicked.

Key	Summary
CIMS-4352	Unable to modify datasource name if it was referred by input map and the same input map was deleted.
CIMS-4298	While adding a record to a data grid in the custom UI page, if any column header data grid was clicked, all the newly added records were lost.
CIMS-2369	On Linux, when creating a new repository model in a workspace, occasionally the new repository model was neither displayed in the repository editor, nor appearead in the repository model folder.
CIMS-2234	When a repository name was changed, no validation of existing repository references was performed during deployment.
CIMS-2007	The mapping expression in the output map editor did not change, if the attribute in the repository model and synchronization format was renamed.
CIMS-1899	The repository attribute was not displayed properly on the output map editor page after modifying the attribute name or multi value property in the repository.
CIMS-1185	Relationship Attributes did not have the association map property and it could not be used for defining an effective date on a relationship.

Rulebase Designer

Key	Summary
CIMS-4938	The catalog link type variables were not exported as literals.
CIMS-4923	While migration from TIBCO MDM Studio 4.x to 5.x, the catalog link type variables were not exported as literals.
CIMS-4874	While exporting rulebase to xml format having blackslash (\) in the SQL statement, the blackslash did not convert to the xml format, cauing an error.
CIMS-4691	On importing the rulebase, if the rulebase had nested functions, syntax error occurred.
CIMS-4627	Import Rulebase function incorrectly escapes already escaped quotes and other characters.
CIMS-4604	When PRODUCTID was used in Propagate action, it was exported or deployed as ID instead of PRODUCTID.
CIMS-3606	Variables defined in the Declare section of the rulebase was not supported in the Select Action having Select Type as 'Enum'.
CIMS-2509	While deploying rulebase with propagate-rulebase action, the associated propagate rulebase was not selected automatically.
CIMS-2126	In the **Check** action, the CDATA expression was not exported correctly.

Key	Summary
CIMS-1946	While creating nested rulebase, the rulebase folder did not show the rulebases which is not under Common folder.
CIMS-1344	Error was not displayed if TIBCO MDM reserved words were used in the **Decision Name** field.
CIMS-1367	Datasource did not appear in the Link Type variable source drop-down in the **Select** Action.

UI Builder

Key	Summary
CIMS-4713	In the Custom UI page, unable to assign value to PRODUCTIDEXT attribute through rulebase constraint.
CIMS-4707	The rulebase functions did not work in condition when used with Select action in the Custom UI page.
CIMS-4705	The drop-down widget was editable if a record was opened in View mode in the Custom UI page.
CIMS-4704	The Tooltip format for attributes on Custom UI page was not same as Out-of-the-box record UI.
CIMS-4703	Sequence could not be added to ID attribute if association map was used in the Custom UI page.
CIMS-4692	Additional column was displayed while trying to display only two columns using rulebase for the attribute on the drop-down list in a datagrid in the Custom UI page.
CIMS-4679	Record was editable from Custom UI page even though the record was in the workflow and in unconfirmed state.
CIMS-4652	The Clear rulebase action did not work in the Custom UI page.
CIMS-4651	Columns appeared one below the another instead of two separate columns when values were selected from the drop-down list in the Custom UI page.
CIMS-4630	The Custom UI page, expanding and collapsing of child records for first level was not supported.
CIMS-4609	Unable to select values from the drop-down list if the attributes were at the extreme right hand corner of the Custom UI page.
CIMS-4608	In the Custom UI page, editing the child record in a datagrid while it's grand child was opened for editing within the subgrid gave record exist error message.

Key	Summary
CIMS-4575/ CIMS-4558	In the Custom UI page, if the first child record was modified and on clicking the arrow button to modify the next record, the changes to the first record was lost.
CIMS-4560	On clicking Reload Grid icon in data grid, irrespective of the record having validation error, the record was deleted.
CIMS-4559	In the Custom UI page, the deleted record in datagrid was visible on viewing the complete record.
CIMS-4557	If there were two repositories with two relationships, forward relationship and self relationship for child repository and the child repository also had two multi value attributes, on clicking the Save and Process button,"Response format is unexpected" error occurred.
CIMS-4556	During inline editing of a parent record if the child hierarchy was expanded, the hierarchy was not visible even though there were records in the hierarchy.
CIMS-4555 / CIMS-4577	During inline editing of child records, the parent records were also opened in the inline editing mode.
CIMS-4533	In the Custom UI page, the drop-down size was not the same as the textbox size for related record.
CIMS-4362 / CIMS-4578	During inline editing of an attribute, which was at the end of record in a data grid, the horizontal bar moved towards the left and editing was not possible. However, the attribute was editable on the selecting row in the data grid and when the edit button was clicked.
CIMS-4298 / CIMS-4579	While adding a record to a data grid in the custom UI page, if any column header data grid was clicked, all the newly added records were lost.
CIMS-3929	If the record ID was generated through sequence and was not selected on a datagrid, the record was not added in the relationship.
CIMS-3734	Custom pages with rulebase validation having Propagate action did not work.
CIMS-3285	In UI Builder, on loading of the datagrid, the column sorting did not work on Record ID.
CIMS-3237	Time selection on the timestamp picker was retained even though the timestamp value from the field was deleted.
CIMS-3229	On modifying the record using inline editing, the column border did not appear.
CIMS-3216	In the custom UI page, the header and drop-down list values had the same appearances, and could not be distinguished.
CIMS-3131	The Rulebase lookup action was not supported for custom pages.

Key	Summary
CIMS-2989	The newly added column in the Column Editor in the datagrid for a relationship, was blank and did not display data.
CIMS-2977	Modification of name and index was not allowed in Column Editor for the newly added column in the data grid.
CIMS-2539	If duplicate IDs were assigned to the new fields, error occurred on the existing fields instead of new fields.

Known Issues

The tables list the known issues in version 5.1.0 of TIBCO MDM Studio.

General

Key	Summary
CIMS-4448	**Summary**: If you extract the compressed file with the option as extract here, the compressed file zip and installer is saved in the same folder. The installer initiated from this folder shows same profile twice. **Workaround**: Extract the installer.zip in separate folder.
CIMS-1944	**Summary**: If the Enterprise name has multi byte characters, the depolyment server creation fails. **Workaround**: The Enterprise name must consist only ASCII characters.
CIMS-1061	**Summary**: If the enterprise name is changed in the deployment server properties dialog, the connection with the earlier enterprise is not broken automatically. **Workaround**: Change the server properties and then disconnect the server manually and reconnect.

Process Designer

Key	Summary
CIMS-3377	**Summary**: When there is common activity in the main process and subprocess, we create activity on the subprocess lane. So this transition to and from that activity is missing in main-process. **Workaround**: Avoid common activity.
CIMS-3375	**Summary**: While importing a workflow with two unconditional transitions in the same activity, an error "MDM 8.x : Activities/Gateways must be reachable from the start activity. (Mainwf5)" occurs. **Workaround**: None.
CIMS-2059	**Summary**: The CatalogItem array does not expand in Process Designer. **Workaround**: None.
CIMS-2407	**Summary**: Migration from the older version does not work for CIMServices.wsdl. **Workaround**: Manually copy the latest wsdl and merge the custom parameters, if any.
CIMS-2331	**Summary**: The syntax for the source expression does not get validated if the **Eval** type is Lookup. **Workaround**: None.

Key	Summary
CIMS-2306	**Summary**: When the data field is used to write Xpath in Source Expression, it does not automatically draw mapping from the datafield to the input parameter. **Workaround**: First, map the data field to the input parameter, and then edit the xpath expression.
CIMS-2297	**Summary**: On Linux, the tool tip specified in the parameterdescriptions.properties file does not get displayed if you move the mouse pointer over the activity parameters. **Workaround**: None.
CIMS-2285	**Summary**: When the TIBCO MDM process having custom activity is imported through Import wizard, it does not add custom activity in wsdl. **Workaround**: Manually edit and add custom activity in CIMServices.wsdl.
CIMS-2245	**Summary**: When trying to close the studio application while few processes are open in the editor, the studio application does not close. **Workaround**: Try changing the jvm memory parameters by reducing the thread stack size and initial heap size and then increasing the heap size. For example, -Xss256k -Xmx1024m -Xms256m
CIMS-179 1-95EOMY	**Summary**: In a conditional sequence flow, if you select Java as the value for the **Script Defined As** drop-down list and do not select any class, no error message is displayed. **Workaround**: None.
CIMS-195 1-9MHZGR	**Summary**: Uninstalling Process Designer may not delete all the files from the installed location and may display an error when attempting to reinstall in the same location. **Workaround**: In some scenarios, the uninstall/reinstall into the same location does not work correctly. Use a different location if you face this problem.
CIMS-212 1-9N554Z	**Summary**: In the Deployment wizard Runtime Server parameters, if you click Connection without entering an enterprise name, user name, and password, the wizard displays a connection error but the Details show a java error (java.lang.throwable). **Workaround**: None.
CIMS-235 1-9O4D0G	**Summary**: A validation error is not thrown for output parameters with minimum occurrence as 1 and no mapped values. **Workaround**: None.

Key	Summary
CIMS-244 1-9O6DUK	**Summary**: Clicking the **Constraints** tab after adding an element into WSDL and changing the type to a complex user defined type (such as StringType) results in a java.lang.NullPointerException. **Workaround**: None.
CIMS-284	**Summary**: If the Service Descriptor folder name is changed, the workflow export fails with an error. **Workaround**: None.
CIMS-287	**Summary**: If a constant value is mapped to a parameter which has enumeration and the data is not matching the values in the enumeration, no validation error is thrown. **Workaround**: None.
CIMS-292	**Summary**: Mapping of a constant to a parameter of ArrayList and RecordList type does not throw the expected validation error. **Workaround**: None.
CIMS-293	**Summary**: Content assist does not work in the case of conditional xpaths. **Workaround**: None.
CIMS-377	**Summary**: Invoking the CIM Process Samples results in multiple (BPMN 1.2) warnings in the problem section. **Workaround**: None.
CIMS-423	**Summary**: If an imported workflow has a variable starting with a numeric value, it results in an error. **Workaround**: None.
CIMS-481	**Summary**: The quick-fix does not work if the WSDL name is anything other than CIMServices.wsdl. **Workaround**: None.

Repository Designer

Key	Summary
CIMS-4973	**Summary**: Incorrect warning message "All relationships for repository <repository_name> will be removed" is displayed while incrementally deploying existing repository with new attribute. **Workaround**: None.
CIMS-4963	**Summary**: While creating a datasource, the columns in the **Attributes** section remains collapsed in the **Data Source Definition**. **Workaround**: Close the datasource editor and reopen it.

Key	Summary
CIMS-4958	**Summary**: On Linux, NullPointerException error occurs while creating TIBCO MDM Studio project with Organization Model option. **Workaround**: Do not select Organization Model.
CIMS-4757	**Summary**: If a column is missing in any of the sections of the Excel file in the **Excel2RepoModel** wizard, no validation error is displayed. **Workaround**: None
CIMS-4755	**Summary**: The group connectors of relationship attributes are not displayed after importing repository model. **Workaround**: Refresh the Repository Model.
CIMS-4553	**Summary**: When repository model files are copied manually in studio workspace, the deployment of such model files fails with exception. **Workaround**: Do not copy and paste the project to the workspace folder. Use the Eclipse Import wizard, to import the new or modified project into Eclipse.
CIMS-4403	**Summary**: Generated Find Webservices returns unexpected results in some cases if the repository models contain Date or Time stamp attributes. **Workaround**: None
CIMS-4269	**Summary**: When repository model is added to Resource Model Bundle editor, resource keys are not generated for relationship attributes. **Workaround**: Use the Add Key text box to manually add the resource key for relationship attributes.
CIMS-4171	**Summary**: Compilation error occurred while generating WSDL for repository having URL data type attribute. **Workaround**: None.
CIMS-4000	**Summary**: Unable to deploy metadata models through MDM Studio when MDM server is configured to use Single Sign-on authentication. **Workaround**: None.
CIMS-3976	**Summary**: Repository Image is not displayed properly on Repository Report. **Workaround**: If we export repository model and repository image is not displayed properly, perform the following. • Open the repository model in the editor. • Right-click the data domain editor and select 'Arrange All' option. • It arranges all repositories and relationship attribute groups. • Export the model to the repository report. Repository images gets created properly.

Key	Summary
CIMS-1926	**Summary**: If the Input Map is deployed incrementally, the new datasource file does not get uploaded with the Input Map. **Workaround**: Deploy the data source separately.
CIMS-1896	**Summary**: The import of the incomplete exported models through the standalone wizards into the server does not succeed. However, if the complete repository model is exported, the server-side import works fine. **Workaround**: None.
CIMS-1758	**Summary**: Input map editor displays incorrect search results when searching for a data source attribute. **Workaround**: None.
CIMS-1539	**Summary**: In the output map filter criteria, adding search criteria shows the relevant mapped counterparts, but also the other mapped attributes on the other side. **Workaround**: None.
CIMS-1236	**Summary**: The network deployment wizard does not display validation error in the case of duplicate reverse relationship names between repositories. **Workaround**: None.
CIMS-1171	**Summary**: If the data source definition is not present in the CIM project, and the repository model with input maps is imported without the data source definition, an unexpected mapping screen is displayed. **Workaround**: Ensure that the data source definitions are available.
CIMS-1154	**Summary**: Repository internal artifacts (Attribute Groups and Attributes) appear outside the boundary region of the repository in particular, after shrinking the repository boundary. **Workaround**: Resize the repository to reset the rendering.
CIMS-1121	**Summary**: While using expressions for input mappings (for example, quoted literals or SQL expressions), neither syntactic validations nor semantic validations are performed. **Workaround**: None.
CIMS-1080	**Summary**: The rendering of the data source preview table is not consistent (header column is discontinued) when the number of columns exceed several hundred entries. **Workaround**: None.
CIMS-1079	**Summary**: The WSDL generation has only rudimentary logging available during the generation. This is not easy to debug when the generation fails (for example due to incorrect or missing MQ_HOME). **Workaround**: None.

Key	Summary
CIMS-1029	**Summary**: Import of a metadata file in the jar format is not supported. **Workaround**: Unjar the file and import the metadata xml file.

Rulebase Designer

Key	Summary
CIMS-5014	**Summary**: The quickfix to migrate the rulebase model to latest version is not available when old workspace is opened in MDM Studio 5.1. **Workaround**: Clean and build the project. The migration error and quick fix is displayed in the Problems tab.
CIMS-3660	**Summary**: Renaming of repository attribute is not supported in the expression editor/where clause editor of the rulebases. **Workaround**: Manually change the attribute name in the property section of the expression/where clause editor in the rulebase.
CIMS-3658	**Summary**: Renaming of relationship attributes does not change the references in the rulebases. **Workaround**: Manually change the relationship attribute name if it is renamed from the repository model.
CIMS-3560	**Summary**: In Check Action, the dynamic message with parameters is not supported for explanation field. **Workaround**: None
CIMS-3457	**Summary**: Included Rulebase name does not support Non-ASCII characters. **Workaround**: None
CIMS-2902	**Summary**: When an older version of the studio project is migrated to the latest, it does not migrate artifacts in Rulebase Data View. **Workaround**: Manually copy latest artifacts.xml to <workspace>/<project_name>/.metadata folder.
CIMS-2277	**Summary**: The selection of "Use for variables" in constraint properties is lost, when the selected attribute is renamed through the repository diagram. **Workaround**: Rename the repository attribute through the **Attribute Properties** tab.
CIMS-1413	**Summary**: On renaming the relationship attribute, the relationship attribute name is not updated in the Decision Table. **Workaround**: Ensure that a correct name for a relationship attribute is defined before using the Decision Table.
CIMS-1373	**Summary**: In the Decision Table editor, for numbers ending with 'l' or 'd' or 'f' representing valid java numbers, no validation error is thrown. **Workaround**: None.

Key	Summary
CIMS-1189	**Summary**: If double quotation marks are used as string delimiters in <condition> or <action> part of the rulebase, empty constructs are created for these parts in the rulebase xml. **Workaround**: Use a single quotation mark as the string delimiter.
CIMS-675	**Summary**: In the rulebase designer, in an included rulebase, you are not able to refer to the declared variables from the parent rulebase. **Workaround**: In the included rulebase, define a variable with the same name as the one in the parent rulebase.
CIMS-696	**Summary**: The rulebase designer does not validate the number and type of parameters passed to functions. **Workaround**: None.
CIMS-712	**Summary**: While importing online users and roles, role filtering does not work. **Workaround**: None.
CIMS-713	**Summary**: Import of rulebases is dependent on the import of repository, users, roles, and data source metadata. **Workaround**: None.
CIMS-929	**Summary**: When repository-specific rulebases (Validation, Search, and Initialization types) are deployed on a "standard" enterprise, they do not appear in the Deployment Server View. **Workaround**: Do not deploy the repository-specific rulebase on a "standard" enterprise.

UI Builder

Key	Summary
CIMS-4962	**Summary**: The Custom UI page is not linked to the Delete Record action. **Workaround**: None.
CIMS-4937	**Summary**: While creating Custom UI page, if the Custom UI page has multibyte characters, the TIBCO MDM Studio project is not deployed on the server. **Workaround**: Create Custom UI pages without the multi byte characters.
CIMS-4930	**Summary**: Unsupported files get uploaded in the File Type attributes causing error while depolying the Custom UI page. **Workaround**: Do not upload unspported file in File type attributes.
CIMS-4846	**Summary**: The related records does not get hidden in the datagrid based on user permissions or roles. **Workaround**: Create a custom data filter in the datagrid.

Key	Summary
CIMS-4527	**Summary**: In UI Builder, autocomplete widget does not work if the filter data contains single or double quotes. **Workaround**: Manually remove single or double quotes.
CIMS-4512	**Summary**: Search does not work for the second level of relationship. **Workaround**: None
CIMS-4506	**Summary**: Search based on URL data type does not work in the search widget. **Workaround**: None
CIMS-4479	**Summary**: Search based on relationship attributes does not work. **Workaround**: None
CIMS-4478	**Summary**: Search based on timestamp attribute does not work. **Workaround**: None
CIMS-4240	**Summary**: In Custom UI page, sequence assignment and drop-down list populated from the relationship record does not work if the configurator property`com.tibco.cim.catalog.rulebase.logflag` is set to true. **Workaround**: None
CIMS-4133	**Summary**:When the association map is used for ID and Ext, the initial value set in a rulebase based on the record action or value of the reference attribute is not assigned. **Workaround**: Use the reference attribute name instead of PRODUCTID or PRODUCTIDEXT.
CIMS-4090	**Summary**:The UI Builder search widget does not support case sensitivity. **Workaround**: None.
CIMS-4053	**Summary**:The Between and IN operators are not supported for numeric attributes in the Search widget. **Workaround**: None.
CIMS-4047	**Summary**: In UI Builder, search widget is getting created under another search widget. **Workaround**: None.
CIMS-3983/ CIMS-3354	**Summary**: In UI Builder, HTML ID in the panel does not support Multibyte characters, whereas the Label Text supports. **Workaround**: Use only ASCII characters in the HTML ID of the panel and Multibyte characters in the Label Text.
CIMS-3847	**Summary**: In the Text Search widget, the Add All link in the column selector does not work in the Firefox and Internet Explorer web browsers. **Workaround**: Select one link at a time.

Key	Summary
CIMS-3771	**Summary**: In the custom UI page, the Softlink, Connect, and Disconnect action do not work. **Workaround**: None.
CIMS-3740	**Summary**: The UI Builder does not support relationship attribute rulebase validation. **Workaround**: None.
CIMS-3738	**Summary**: In the custom UI page, the Hide Record action does not work. **Workaround**: None.
CIMS-3737	**Summary**: In UI Builder, records with View_Record access mode can be modified in a datagrid, without any validation error. **Workaround**: None.
CIMS-3732	**Summary**: Conditional access modifier on a Custom form does not work. **Workaround**: None.
CIMS-3719	**Summary**: The UI Builder does not support File type relationship attributes. **Workaround**: None.
CIMS-3673	**Summary**: The Record List is not displayed if the "Display Attributes" did not match the attribute name on deploying the UI page with Text Search. **Workaround**: Use the "Display Attribute" name as defined in the metadata model.
CIMS-3662	**Summary**: On adding a duplicate record with relationship, an error is displayed. However, on adding a new record with relationship, all the duplicate related records tried earlier get added as relationship. **Workaround**: None.
CIMS-3635	**Summary**: On Linux, the selection of text fields in tab panels from the canvas does not select the tree viewer element, nor does it refresh the properties. **Workaround**: Select the text fields from the tree viewer instead of the canvas.
CIMS-3408	**Summary**: In the custom UI page, resource security for a relationship does not work. **Workaround**: None.
CIMS-3331	**Summary**: Using a fieldset component for first level relations does not create the second level relationship. **Workaround**: None.
CIMS-3289	**Summary**: Undeploying the same custom page from multiple enterprises does not work. **Workaround**: None.

Key	Summary
CIMS-3286	**Summary**: In UI Builder, while sorting on one column, if you click on another column the sorting is not restricted and it displays the "Loading" message. **Workaround**: None.
CIMS-3259	**Summary**: On the View and Modify page, incorrect values and format is shown for Timestamp attributes. **Workaround**: None.
CIMS-3273	**Summary**: Custom form with many records takes more time to display the data grid. **Workaround**: None.
CIMS-3222	**Summary**: Filter is applied only to the first column when a multicolumn drop-down is configured for an attribute. **Workaround**: None.
CIMS-3220	**Summary**: In UI Builder, column header cannot be aligned in a datagrid. **Workaround**: None.
CIMS-3218	**Summary**: Keyboard navigation on multivalue attributes does not work. **Workaround**: None.
CIMS-3203	**Summary**: In the custom UI page, custom theme is not applied to add relationship in a datagrid. **Workaround**: None.
CIMS-3202	**Summary**: In the custom UI page, custom property created for a combo box does not work. **Workaround**: None.
CIMS-3201	**Summary**: In the custom UI page, custom property created for a panel does not work. **Workaround**: None.
CIMS-3191	**Summary**: In the custom UI page, added custom theme for a **Browse** button for a file type attribute does not work. **Workaround**: None.
CIMS-3187	**Summary**: Multiple Rulebase selection on a custom page is not possible. **Workaround**: None.
CIMS-3183	**Summary**: In TIBCO MDM server, **show hide** column does not work in datagrid. **Workaround**: None.

Key	Summary
CIMS-3137	**Summary**: In the custom UI page, the text box property does not work if the value is defined in pixels. **Workaround**: None.
CIMS-3136	**Summary**: The custom.properties file is not updated, if the custom UI page is deployed with link to all the metadata operation and the same UI page is redeployed with link to only Add metadata operation. **Workaround**: None.
CIMS-3122	**Summary**: On deploying custom UI pages in the TIBCO MDM sever, the browser side field validations are missing for TIBCO MDM data types. **Workaround**: Use custom event handler to provide the validation code.
CIMS-3115	**Summary**: The link from the Subset screen to the deployed custom record pages is not working correctly. **Workaround**: None.
CIMS-3095	**Summary**: Field set widget with three or more columns are not rendered correctly. **Workaround**: None.
CIMS-3092	**Summary**: UI Builder supports only record level resource security and not any other resources like the attribute groups and relationships. **Workaround**: None.
CIMS-3033	**Summary**: In custom UI page, style property does not work for multivalue attributes in a panel. **Workaround**: None.
CIMS-3031	**Summary**: In custom UI page, manual override of date time property with Timestamp property does not work for a multivalue attribute. **Workaround**: None.
CIMS-3024	**Summary**: In custom UI pages, the image style property for Image widget does not work in Internet Explorer 8. **Workaround**: None.
CIMS-3015	**Summary**: In custom UI pages, the multivalue text field and button are not aligned. **Workaround**: None.
CIMS-3014	**Summary**: In custom UI pages, the multivalue text field and its label are displayed in separate lines. **Workaround**: None.
CIMS-3002	**Summary**: Custom pages deployed on the Standard enterprise are not displayed for every enterprise. **Workaround**: None.

Key	Summary
CIMS-2984	**Summary**: On deploying custom UI page with a link to metadata operation, no error is displayed, even if no repository is associated with the custom page. **Workaround**: None.
CIMS-2976	**Summary**: In UI Builder, the Data property in the datagrid widget does not work. **Workaround**: None.
CIMS-2965	**Summary**: In UI Builder, the Date Time picker property does not work. **Workaround**: None.
CIMS-2955	**Summary**: The removal of a data grid from an existing custom page, leads to inconsistencies in the page model. **Workaround**: Recreate the custom page after modifying the page model.
CIMS-2948	**Summary**: In UI Builder, the jsonReader property is not supported in the property view for datagrid. **Workaround**: None.
CIMS-2911	**Summary**: In UI Builder, the Custom Property does not work for Date Time picker widget. **Workaround**: None.
CIMS-2891	**Summary**: In UI Builder, pagination controls on datagrid does not work if the web browser is resized. **Workaround**: None.
CIMS-2896	**Summary**: In UI Builder, the widget names are inconsistent. **Workaround**: None.
CIMS-2878	**Summary**: In the custom UI page, style property for the table border in a datagrid does not work. **Workaround**: None.
CIMS-2855	**Summary**: The Timestamp picker widget in TIBCO MDM Studio and in the TIBCO MDM server appears different. **Workaround**: None.
CIMS-2824	**Summary**: For repositories with a large number of attributes, creating a tabbed panel in a custom page takes longer time. **Workaround**: None.
CIMS-2812	**Summary**: When the **Save**, **Save and Process** buttons are added on the sticky footer, they are placed close to the top border of the sticky footer. In addition, the Top and the Left padding space is not proper. **Workaround**: Put a line break before the sticky footer.

Key	Summary
CIMS-2776	**Summary**: If the accordion pane is accessed in the UI Builder canvas, the accordion pane does not get highlighted in the tree outliner viewer. **Workaround**: None.
CIMS-2730	**Summary**: In UI Builder, the Size and Shade property does not work in the "hr" widget. **Workaround**: None.
CIMS-2683	**Summary**: The custom UI page does not support the aligning of buttons. **Workaround**: None.
CIMS-2682	**Summary**: The custom UI page does not support the Browse Image property. **Workaround**: None.
CIMS-2674	**Summary**: On the custom UI page, no validation is defined while specifying initial values for a date format. **Workaround**: None.
CIMS-2669	**Summary**: The help link on the select repository and relationship wizard does not work. **Workaround**: None.
CIMS-2668	**Summary**: The help link on the select a file container wizard does not work. **Workaround**: None.
CIMS-2661	**Summary**: In UI Builder, error is not displayed while adding another widget within an existing widget. **Workaround**: None.
CIMS-2617	**Summary**: In UI Builder, multicolumn combo box does not work. **Workaround**: None.
CIMS-2611	**Summary**: In UI Builder, filtering of records within a datagrid does not work. **Workaround**: None.
CIMS-2598	**Summary**: In UI Builder, postioning and aliginment of widgets on the canvas is not consistent. **Workaround**: None.
CIMS-2564	**Summary**: In UI Builder, datagrid property section does not support user preference action buttons. **Workaround**: None.
CIMS-2549	**Summary**: In UI Builder, on previewing the field set, the attribute labels are overwritten by the text box. **Workaround**: None.

Key	Summary
CIMS-2547	**Summary**: In UI Builder, the text box does not appear uniform on previewing the text box on a browser. **Workaround**: None.

Limitations in UI Builder

- Command line interface (CLI) for Page deployment

  The command-line interface currently does not support deployment of custom pages and WSDL services.

- Category Specific Attributes

  Category Specific attributes are not supported in this release.

- Multi Enterprise Deployment

  Deployment of pages into multiple enterprises is not working correctly.

- Record Links to custom page is not working from Mass update and Subset.

  The use of custom pages from the Mass update screen or the subset pages is not working correctly.

- FED support for a single repository only (no relationship attribute)

  Future effective dated record does not work correctly if it crosses a relationship or if there is a future dated relationship attribute.

- Redirection from native record UI

  When you select the Modify link from the native Record View page, you cannot redirect the Record Modify page to a customized modify page. This is because the native record UI implementation is complex. Also, you cannot redirect to customization pages while selecting the record from the tree control.

- Fileupload

  The Fileupload is not supported for multivalue File type and relationship File type attributes. The Browse button for the File type attribute cannot be modified for Internet Explorer.

- Text Search

  Text Search does not work in the case of related records.