

Design Studio Transformation Toolbars

Introduction

On transformation screens, Jitterbit Harmony Design Studio provides two transformation toolbars, one in the transformation titlebar and another at the bottom of the transformation screen. The tools and their respective functions are described in the tables below.

Titlebar Toolbar

Button	Name	Description
	Status	Displays the status of the transformation.
	Additional commands	Displays a menu of commands to Save, Close Page, Close Other Pages, Locate in Tree, Additional Details, View XML, View Input JTR, and View Output JTR.
	Dependent objects	Lists the dependent objects in the transformation.
	Save active page	Saves the active page of the transformation.
	Deploy	Deploys the project to Jitterbit Harmony.
	Migrate	Migrates the transformation to a new environment.
	Load Sample Source Data	Loads sample source data into the transformation.
	Test the Transformation	Tests and validates the transformation currently open.
	Test Operation	Tests an operation that uses the transformation.
	Automap	Jitterbit tries to automatically map source data nodes to target data nodes.
	Refresh	Refreshes the transformation source and target structures.
	Transformation Toolkit	Displays a menu of additional transformation commands, described below.
	Find and Replace	Finds nodes in the Source Tree and the Target Tree, and replaces mappings in scripts.
	Help	Displays Success Central, the online documentation site.
	Close	Closes the transformation screen.

Transformation Toolkit menus

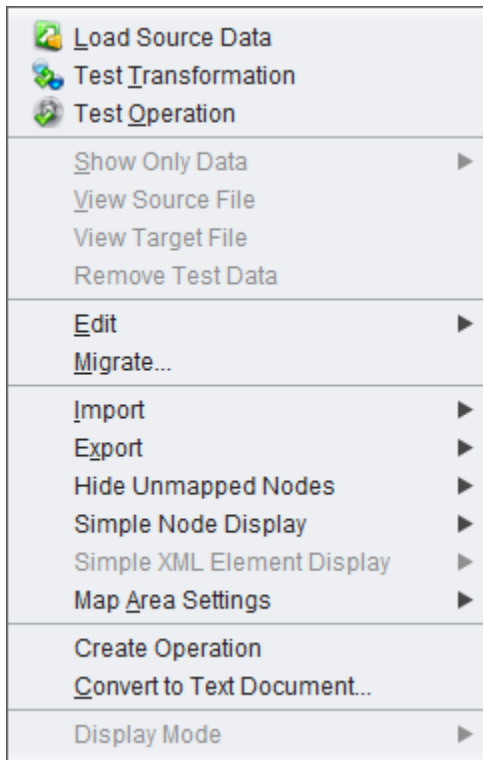
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- [Basics of Design Studio](#)
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






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Command	Description
Load Source Data	Load sample source data into the transformation.
Test Transformation	Test the transformation with the source data.
Test Operation	Test the operation using the transformation.
Show Only Data	Test an operation using the current transformation.
View Source Data	View the file loaded into the source tree.
View Target File	View the file loaded into the target tree.
Remove Test Data	Remove test data from the mapping tree.
Edit	Display these commands: <ul style="list-style-type: none"> • Edit Source Structure: Edit the source structure used in the transformation. • Edit Target Structure: Edit the target structure used in the transformation. • Edit WHERE Clause: Edit the WHERE clause used in retrieving the source data from the dataset. • Edit Update Keys: Edit the update keys used in the database target..
Migrate	Migrate the active transformation to another transformation.
Import	Import Mappings or Import Renamed Mappings.
Export	Display the Export Mappings or Export Renamed Mappings.
Hide Unmapped Nodes	Hide unmapped nodes in the source tree or the target tree.

Simple Node Display	Toggle display of nodes in the source tree or target tree without the type (String, Identifier, etc.).
Simple XML Element Display	Toggle display of nodes in the source tree or target tree created from xml data.
Map Area Settings	Toggle display of attributes, generators, and errors in the mappings, and hide or show all of these.
Create Operation	Create a new operation based on the current transformation.
Convert to Text Document	Convert the source or target structures to a text document.
XML Node Expansion Mode (available on if source or target data is XML)	Determine how the mapping structures for XML sources or targets are loaded into the trees. Because XML structures can be highly complex, loading a complete structure into the mapping tree can slow performance. When you choose Minimal , the default setting, the tree is created one level at a time when you expand a folder node for the first time, which results in better performance. If you choose Normal , all tree levels are created when you expand a folder node.
Display Mode	Select preferred display mode: Multi-Tabs, Tabs, Single Card, or Floating.

Bottom Toolbar

Button	Name	Description
	Expand-Collapse	The expand and collapse buttons expand or collapse the trees to aid in finding data elements quickly. The icon on the left end of the transformation toolbar controls the source pane, and the control on the right end controls the target pane.
	Options for Hiding Nodes	Options for hiding nodes appears on the left (source) and right (target) trees. Options include: <ul style="list-style-type: none"> • Hide Unmapped Nodes • Show Data Nodes Only • Simple Node Display <ul style="list-style-type: none"> • Simple XML Element Display
	Load Sample Source Data	Load sample source data into the transformation.
	Test the Transformation	Test and validate the transformation currently open.
	Test Operation	Test an operation that uses the transformation currently open.
	Zoom In	Increase the size of the text displayed in the trees.
	Zoom Out	Decrease the size of the text displayed in the trees.

	Map Elements	Map a source data element to a target data element. When both are selected, this icon activates and will perform the mapping when clicked. This icon becomes enabled if both a source and a target data element have been selected. Clicking it saves the mapped relationship associated with the selected elements, and adds this relationship to the frame beneath the Transformation toolbar.
	Create Formula	This button is enabled if a mapped relationship has been selected. Clicking it launches the Formula Builder and loads the value of the source data element.
	Automap	Jitterbit tries to automatically map source data nodes to target data nodes.

Context Menus

In addition to the icons on the Transformation screen, some items in the transformation have context menus displayed when you right-click on the item. Right-click on an item to see the context menu or action.

Item	Context Menu or Action
Top-Level Source Folder	Displays Copy node name to clipboard or Edit Source Structure so you can edit the source structure used in this transformation.
Source Sub-folder (other than root)	Displays Copy node name to clipboard or define batch transformation commands . A batch transformation reads entire source into memory and performs the transformation in memory.
Top-Level Target Folder	Displays Copy node name to clipboard , Edit Target Structure , Add script , and Clear the mappings under this folder commands.
Target Sub-folder	Displays Copy node name to clipboard , Add condition , Create extra folder for mappings , and Clear the mappings under this folder commands.
Target Node	Displays the Copy field name and Delete mapping of this node commands.