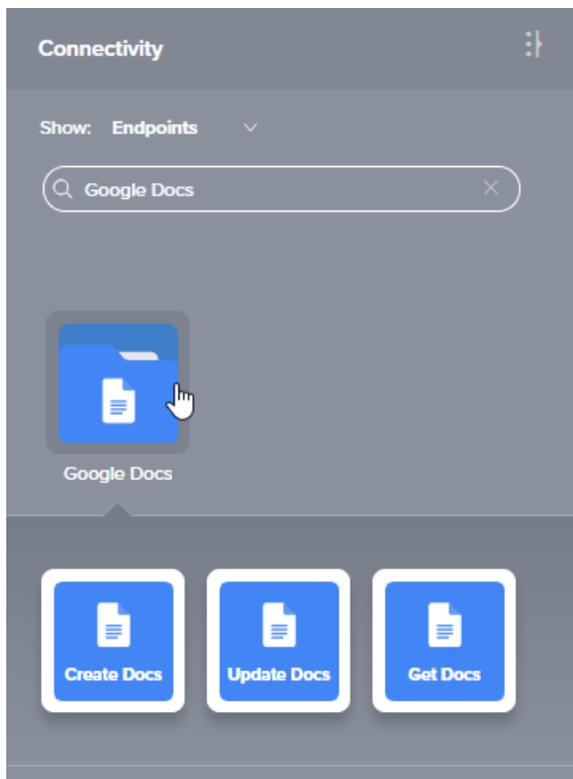# Google Docs Update Docs Activity

Introduction

A Google Docs Update Docs activity updates a document at a Google Docs connection and is used as a target in an operation. After configuring a Google Docs connection, you can configure as many Google Docs activities as you like for each Google Docs connection.

Creating a Google Docs Activity

From the design canvas, open the **Connectivity** tab of the design component palette:

Within the **Endpoints** filter, click the Google Docs connection block to display activities that are available to be used with a Google Docs connection:

To create an activity that can be configured, the activity must first be added to an operation on the design canvas. To add an activity to an operation, drag the activity block from the palette to the operation.

For more information about the parts of an operation and adding activities to operations, see Operation Creation and Configuration.

Accessing Menu Actions

After a Google Docs activity has been added to an operation, menu actions for that activity are accessible from the project pane in either the **Workflows** or the **Components** tabs, and from the design canvas:

- **Project Pane:** In the **Workflows** or **Components** tab of the project pane, hover over an activity name and click the actions menu icon to open the actions menu.
- **Design Canvas:** Within the operation, click an existing activity block to open the actions menu.

Each of these menu actions is available:

Related Articles

- Component Dependencies, Deletion, and Removal
- Component Deployment
- Component Palette
- Design Canvas
- Google Docs Connection
- Google Docs Create Docs Activity
- Google Docs Get Docs Activity
- Google Docs Registration
- Operation Creation and Configuration
- Operation Options
- Operation Validity
- Plugins Added to an Activity
- Project Pane
- Transformation Creation and Configuration

Related Topics

- Cloud Studio
- Connectors
- Google Docs
- Operations
- Scripts
- Variables

Last updated: Jul 31, 2019

- **View/Edit:** This opens the activity configuration screen for you to configure the activity. For details, see *Configuring a Google Docs Update Docs Activity* later on this page.
- **Delete:** This is used to permanently delete the activity.
- **Rename:** This positions the cursor on the activity name in the project pane for you to make edits.
- **View Dependencies:** This changes the view in the project pane to display any other parts of the project that the activity is dependent on.
- **Remove:** Available only from the actions menu on the design canvas, this removes the activity as a step in the operation without deleting it from the project. When you remove an activity that is adjacent to a transformation, if schemas are provided within that activity, they will no longer be referenced by the transformation. Removed components can be accessed or permanently deleted from the project pane.
- **Deploy:** This deploys the activity and any components it is dependent on.
- **Configurable Deploy:** This opens the deployment screen, where you can select project components to deploy.
- **Add to group:** This opens a prompt to create a new custom group or to add the component to an existing group.
- **Duplicate:** This creates a copy of the activity as a new, unreferenced component. Upon creating the component copy, the cursor is positioned on the component name within the project pane for you to rename the component.

Configuring a Google Docs Update Docs Activity

Follow these steps to configure a Google Docs Update Docs activity:

- Step 1 – Enter Basic Information
- Step 2 – Review Data Schema

Step 1 – Enter Basic Information

TIP: Fields with a variable icon [v] support using global variables, project variables, and Jitterbit variables. Begin typing an open square bracket [into the field or click the variable icon to display existing variables to choose from.

- **Name:** Enter a name to use to identify the Google Docs Update Docs activity. The name must be unique for each Update Docs activity and must not contain forward slashes (/) or colons (:).
- **Save & Exit:** If enabled, click to save the configuration for this step and close the activity configuration.
- **Next:** Click to temporarily store the configuration for this step and continue to the next step. The configuration will not be saved until you click the **Finished** button on the last step.
- **Discard Changes:** After making changes, click **Discard Changes** to close the configuration without saving changes made to any step. A message will ask you to confirm that you want to discard changes.

Step 2 – Review Data Schema

- **Data Schema:** The request and response data schemas from Google Docs will be displayed. If the operation uses a transformation, the data schemas will be displayed again later during the transformation mapping process, where you can map to target fields using source objects, scripts, variables, custom values, and more.

  The Google Docs connector uses the Google Docs API v1. Refer to the API documentation for information on the schema fields and practices for manipulating Google Docs.

  - **Request:**

Request Schema Field /Node	Google API Field	Notes
request	Request	Zero or more document requests
documentId	documentId	Document ID of the Google Doc
ReplaceAllTextRequest	ReplaceAllTextRequest	Replaces all instances of text matching a criteria with replace text
replaceText	replaceText	Text that will replace the matched text
text	containsText	Text for the SubstringMatchCriteria, case sensitive
InsertTextRequest	InsertTextRequest	Inserts text at the specified location
text	text	Text to be inserted
index	index	Insertion location index; as no segmentId is specified, inserted in body
DeleteContentRangeRequest	DeleteContentRangeRequest	Deletes content from the document
startIndex	startIndex	Zero-based start index of this range, in UTF-16 code units
endIndex	endIndex	Zero-based end index of this range, exclusive, in UTF-16 code units
InsertTableRequest	InsertTableRequest	Inserts a table at the specified location
rows	rows	Number of rows in the table
columns	columns	Number of columns in the table
index	index	Insertion location index; as no segmentId is specified, inserted in body

  - **Response:**

Response Schema Field /Node	Google API Field	Notes
update	documents. batchUpdate. response	Zero or more document responses, one for each document request
statusCode	n/a	Status code, set if error
documentId	documentId	Document ID of the Google Doc
message	n/a	Messages returned, if any

- **Add Plugin(s):** Plugins are Jitterbit- or user-provided applications that extend Harmony's native capabilities. To apply a plugin to the activity, click to expand this section and select the checkbox next to the plugin to be used. For additional instructions on using plugins, including details on setting any required variables used by the plugin, see Plugins Added to an Activity.
- **Back:** Click to temporarily store the configuration for this step and return to the previous step.

- **Finished:** Click to save the configuration for all steps and close the activity configuration.
- **Discard Changes:** After making changes, click **Discard Changes** to close the configuration without saving changes made to any step. A message will ask you to confirm that you want to discard changes.

Next Steps

After configuring a Google Docs Update Docs activity, complete the configuration of the operation by adding and configuring other activities, transformations, or scripts as operation steps. You can also configure an operation's operation settings, which include the ability to chain operations together that are in the same or different workflows.

Google Docs Update Docs activities can be used as a target with these operation patterns:

- *Transformation Pattern*
- *Two-Transformation Pattern* (as the first or second target)

Other patterns are not valid using Google Docs Update Docs activities. See the validation patterns on the Operation Validity page.

To use the activity with scripting functions, write the data to a temporary location and then use that temporary location in the scripting function.

When ready, deploy and run the operation and validate behavior by checking the operation logs.