

API



Jitterbit Cloud Studio

API Connector

Overview

This connector should be used in conjunction with a Jitterbit Custom API that is configured from the Harmony [API Manager](#). This type of connector exposes an operation or set of operations as a consumable REST endpoint. When an operation is triggered by a Jitterbit Custom API, you might need to receive data from or return data to the calling application.

The API connector is accessed from the **Connectivity** tab of the design [component palette](#):



This connector has a preconfigured API connection that is used to configure one or more API activities associated with that connection as a source or target within an operation:

- **API Request or Response:** Configured using a JSON, XML, CSV, or XSD schema.
 - **API Request:** Receives data from a Jitterbit Custom API connection and is used as a source in an operation.
 - **API Response:** Returns data to a Jitterbit Custom API connection and is used as a target in an operation.
- **API SOAP Request or Response:** Configured using a WSDL schema.
 - **API SOAP Request:** Receives data from a Jitterbit Custom API connection and is used as a source in an operation.
 - **API SOAP Response:** Returns data to a Jitterbit Custom API connection and is used as a target in an operation.



NOTE: The fact that the API connection is a preconfigured endpoint makes this connector unique compared with other connector types. The typical setup for other endpoints is to first use a connector to configure a connection.

Together, a specific API connection and its activities are referred to as an API endpoint. Activities associated with the endpoint are available from the **Endpoints** filter:

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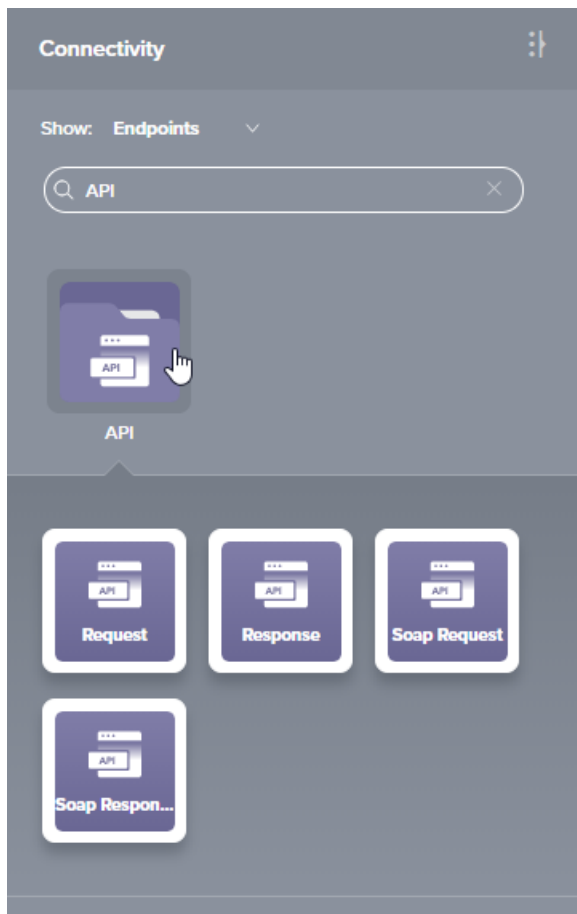
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API Jitterbit Variables

Certain Jitterbit variables are provided specifically for use with Jitterbit Custom API endpoints, including:

- `jitterbit.api.request.body` and `jitterbit.api.request.body.*`
- `jitterbit.api.request.enum.body`
- `jitterbit.api.request.enum.headers`
- `jitterbit.api.request.enum.mvparameters`
- `jitterbit.api.request.enum.parameters`
- `jitterbit.api.request.headers.*`
- `jitterbit.api.request.headers.fulluri`
- `jitterbit.api.request.method`
- `jitterbit.api.request.mvparameters.*`
- `jitterbit.api.request.parameters.*`
- `jitterbit.api.response`
- `jitterbit.api.response.headers.*`
- `jitterbit.api.response.status_code`

For details on using these variables, see [API Jitterbit Variables](#).