

Customizations > Plug-ins

Introduction

The Plug-ins page of the Management Console allows you to add and manage Jitterbit standard plugins or custom plugins. Jitterbit standard plugins are designed to be plug-and-play.

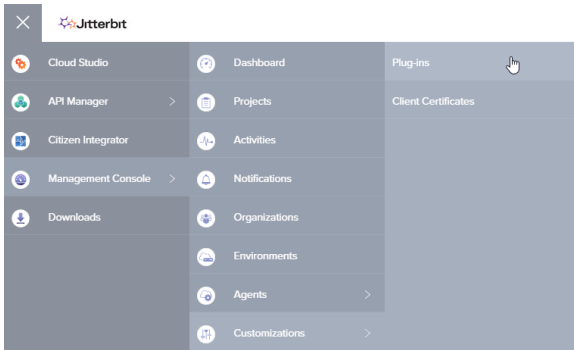
Plugins are installed on Jitterbit Harmony Agents and can be used in both Cloud Studio and Design Studio projects (see Cloud Studio [Plugins](#) and Design Studio [Apply Plug-ins](#), respectively).

WARNING: Customers that are using their own [custom plugins](#) are responsible for the security of the custom plugins.

To access the Plug-ins page, log in to the [Jitterbit Harmony Portal](#), then click the orange hamburger menu in the top left:



From the menu, hover over **Management Console > Customizations** and select **Plug-ins**:



NOTE: Make sure you are accessing the desired organization. In the top navigation bar, use the dropdown that appears between your name and **Help** to switch between organizations.

Managing Plugins

The Plug-ins table shows information about each plugin that is installed within your organization. Standard Jitterbit plugins are installed by default.

Plug-ins
Add and manage plug-ins to customize your Jitterbit operations. Assign a Plug-in to one or more Agent Groups, and view the Agents and Projects currently using each plug-in.

Display Name	Description	Author	Version	Type	Action
Send Email With Attachment	Provides support for sending emails, with target files as attachments.	Jitterbit, Inc.	1.0.0.0	Standard	Action
Siebel OnDemand - Login	Provides login to a Siebel OnDemand server. The login call returns...	Jitterbit, Inc.	1.0.0.0	Standard	Action
POP3 File Reader	Checks for messages on the specified POP3 account. Pulls the new...	Jitterbit, Inc.	1.0.3.0	Standard	Action
Jitterbit PrependData	Prepends the contents of the data element DataToPrepend to each...	Jitterbit, Inc.	1.1.1.0	Standard	Action
Jitterbit PrependData	Prepends the contents of the data element DataToPrepend to each...	Jitterbit, Inc.	1.3.0.0	Standard	Action
Jitterbit AES Encryption	Encrypts and decrypts using AES algorithm. The plugin can be used...	Jitterbit, Inc.	1.1.0.0	Standard	Action
Jitterbit HMAC-SHA1 Generator	Generates a message signature using the SHA-1 hash function. The...	Jitterbit, Inc.	1.0.0.0	Standard	Action
Jitterbit HMAC-SHA256 Generator	Generates a message signature using the SHA-256 hash function. The...	Jitterbit, Inc.	1.0.0.0	Standard	Action
Jitterbit - Run Command	Runs a command with optional arguments.	Jitterbit, Inc.	1.0.0.0	Standard	Action
Jitterbit - Run Command On File	Runs a specific command once for each input file.	Jitterbit, Inc.	1.0.0.0	Standard	Action

Add New Plugins

Jitterbit standard plugins are available for download in the [Plugin Library](#). Also see [Plugins Available in Jitterbit Harmony](#) for a list of current standard plugins.

To add a new plugin, click the **New Plug-in** button. In the popup, use the **Choose File** button to browse to the plugin in either ZIP or XML format. For standard plugins, some fields will populate with information for the plugin.

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Related Articles

- [Agents > Agent Groups](#)
- [Agents > Agents](#)
- [Custom Plugin](#)
- [Jitterbit Harmony Portal](#)
- [Plugins Available in Jitterbit Harmony](#)

Related Topics

- [Apply Plug-ins \(Design Studio\)](#)
- [Cloud Studio](#)
- [Design Studio](#)
- [Getting Started](#)
- [Management Console](#)
- [Plugin Library](#)
- [Plugins \(Cloud Studio\)](#)
- [Private Agents](#)

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Associate Agent Groups

Standard Jitterbit plugins will be associated with certain [Agent Groups](#) by default. See [Plugins Available in Jitterbit Harmony](#) for a complete listing.

To associate a plugin with an available Agent Group, use the **Action** dropdown on the far right and select **Associate Agent Group**.

The available Agent Groups will be listed in the popup.

Select the Agent Group you want to associate, then click **Save**.

To check that the appropriate Agent Groups are associated, when the plugin is selected, you can view the **Assigned Agent Groups** tab in the bottom portion of the screen.

Update Plugins

You can update a custom plugin from the **Action** dropdown in the far right column using **Update**.

For standard Jitterbit plugins, this option will be grayed out.

Delete Plug-Ins

You can delete a custom plug-in from the **Action** dropdown in the far right column using **Delete**.

For standard Jitterbit plugins, this option will be grayed out.

View Manifest Files

You can view the manifest file for each plugin from the **Action** dropdown in the far right column using **View Manifest File**.

The XML file should display or download.

```
<?xml version="1.0" ?>
<JitterbitPlugin SpecVersion="1.0">
  <PipelinePlugin SpecVersion="1.0">
    <!-- Unique name of the plugin, it can be anything
         but it is recommended to us a URL -->
    <Name>http://www.jitterbit.com/plugins/pipeline/user/example</Name>
    <!-- Version of this pipeline plugin -->
    <Version>0.9.3-beta1</Version>
    <!-- The name to use when the plugin is displayed in the UI
         Should be different from the unique name.-->
    <DisplayName>Jitterbit Example</DisplayName>
    <Author>Jitterbit, Inc.</Author>
    <Description>Describe the plugin.</Description>
    <!-- Where to check for updated versions of this plugin -->
    <UpdateUrl>http://www.jitterbit.com/plugins/pipeline/user/example.html<
/UpdateUrl>
    <!-- Where to find documentation about how this plugin works -->
    <DocumentationUrl>http://www.jitterbit.com/plugins/pipeline/user/example
/docs</DocumentationUrl>
    <!-- Command line used to execute the plugin. Since this plugin is
         implemented
         using the Java SDK, it is executed by invoking Java. You need to
         use version
         7 or higher of Java to use the Java SDK. -->
    <Command>java</Command>
    <!-- The arguments to pass to the executable. Since this plugin is
         packaged as an
         executable JAR file, you need to pass -jar and the path to the
         JAR file.
         ${plugin.directory} expands to the directory where the plugin is
         installed. -->
    <Arguments>-jar "${plugin.directory}PluginExample_1.jar"</Arguments>
    <!-- Optional list of data elements that describes which data elements
         are required
         and their default values. If a data element is required but does
         not have a default
         value the data element has to be defined before the pipeline
         plugin is executed or
         the plugin will not be executed and the operation aborted.
         If All="true" is specified, all data elements will be sent to the
         plugin,
         this should not be used by default since it may slow down the
         execution. -->
    <DataElements All="false">
      <DataElement Name="ExampleInt" Type="int" Required="false">
        <Documentation>
          An integer.
        </Documentation>
        <!-- If a data element is required you might want to add a default
         value.-->
        <DefaultValue>9</DefaultValue>
      </DataElement>
      <DataElement Name="ExampleBool" Type="bool" Required="false">
        <Documentation>
          A boolean, use values "true"/"false" or 0/1.
        </Documentation>
        <DefaultValue>true</DefaultValue>
      </DataElement>
    </DataElements>
    <!-- The value describes where the plugin can be applied, e.g. Target,
         Source, WebserviceMethod
         Relative is where in relation to the pipeline position this
         plugin is executed -->
    <PipelinePosition Optional="true" Relative="Pre" ExecutionOrder="50"
```

```
>Target</PipelinePosition>
  <PipelinePosition Optional="true" Relative="Post" ExecutionOrder="50"
>Source</PipelinePosition>
  <PipelinePosition Optional="true" Relative="OnRequest" ExecutionOrder="
50">WebServiceCall</PipelinePosition>
</PipelinePlugin>
</JitterbitPlugin>
```

Viewing Detailed Information

Additional information for each plugin is shown in the bottom portion of the screen in three tabs: **Assigned Agent Groups**, **Installed In Agents**, and **Usage**.

View Assigned Agent Groups or Dissociate Agent Group

When a row in the Plug-ins table is selected, the **Assigned Agent Groups** tab shows the Agent Groups that are associated with the plugin.

You can use the **Action** dropdown on the far right to remove the association of an Agent Group for the plugin. Associating Agent Groups is done from the Plug-ins table in the top portion of the screen.

Name	Description	Action
Private Agent Group 1		Action
Private Agent Group 2		Dissociate Agent Group

View Installed Agents

The **Installed In Agents** tab shows the Agents within each Agent Group that the plugin is installed within. This tab includes information about each agent including IP address and operating system.

Name	Agent Group	IP	OS
Private Agent 1	Private Agent Group 1	000.00.00.00	Windows 10
Private Agent 2	Private Agent Group 1		

View Usage

The **Usage** tab lists any projects that currently have the plugin in-use. The tab also includes the environment the project is within, the specific operation, and the usage type.

Environment	Project	Operation	Name	Usage Type
Laptop Private Agent	S3 CSV to CRM and E...	Test S3 Create	Dummy Target	Target

NOTE: The environment, project, and operation will display only when the plugin is associated with a source or target. The usage will not display when the plugin is used in a script within the operation.