

Design Studio



Jitterbit Harmony Design Studio

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Overview

Jitterbit Harmony Design Studio is Jitterbit's desktop designer for configuring, and testing Jitterbit integration projects. Design Studio is a standalone thick client that can be installed on a Windows or Mac workstation. It simply requires access to the Internet on the workstation or laptop that it runs on.

You can download the latest version through the [Jitterbit Harmony Portal](#) from the [Downloads](#) page.

Another option for project design is to use [Cloud Studio](#), our next-generation project designer featuring a modern and collaborative user experience with a cloud-based UI.

Contact your [Customer Success Manager](#) to determine which Studio application best suits your needs for new projects, or to schedule a Readiness Assessment Check for moving existing Design Studio projects to Cloud Studio.

Feature Summary

The Jitterbit Harmony Design Studio is entirely wizard-driven, taking you step by step through the creation of data mappings, connectivity, and transformations. The Design Studio features automatic data mapping and enterprise connectors to make connectivity as easy as possible. Complex data models are supported including [Salesforce.com](#) and dynamic schemas, as well as connecting to SOAP API, REST API, and cloud-based APIs such as the Salesforce Bulk API.

The user-friendly graphical interface provides multiple tools for easy definition of complex business processes including predefined Formula Builder functions, enhanced scripting and validation tools, chained operations to be sequentially triggered by events in a prior operation, user-defined local variables that run only in real-time operation of a specific process, and predefined global variables that are defined throughout the entire project.

In the design phase, you can test a query or other operation to make sure all components are valid. Or you can actually run the operation, which displays an operations monitor at the bottom of your screen to report start/end times and progress, number of records processed, and success or failure.

Every element you create in Design Studio is defined in metadata. The metadata is deployed to an environment to be stored, and is then managed by the Management Console.

You can navigate the Design Studio user interface by using these components:

- **Main Menu:** Access most of the functionality provided by the system
- **Main Toolbar:** Fast access to commonly used functionality
- **Project Tree:** Organize and manipulate integration components
- **Transformation Toolbar:** Special functions used when creating transformations

Frequently Asked Questions

Q: *What are the [E] [E*]?*

A: [E] and [E*] are node identifiers. Node identifiers are used only for XML-based structures, such as XML and web service requests and responses. See [Hierarchical Entity Path Notation Explained](#).

Pages in This Topic

- [Design Studio Quick Start Guide](#)
- [System Requirements for Design Studio](#)
- [Installing Jitterbit Design Studio on Windows](#)
- [Installing Jitterbit Design Studio on macOS](#)
- [Adding Certificates to Keystore for Design Studio](#)
- [Enabling Proxy for Design Studio](#)
- [Configuring Jitterbit with SSL](#)
- [Basics of Design Studio](#)
- [Jitterpaks](#)
- [Operations](#)
- [Transformations](#)
- [Sources and Targets](#)
- [Web Services](#)
- [Hosted HTTP Endpoints](#)
- [File Formats](#)
- [Schedules](#)
- [Scripting](#)
- [Formula Builder](#)
- [Variables](#)
- [Jitterbit Entities](#)
- [Salesforce Wave Analytics](#)
- [Jitterbit Connect Wizards](#)
- [Connectors](#)
- [Apply Plug-ins](#)
- [Error Handling](#)
- [Troubleshooting and Debugging](#)

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