

# DataConnect features comparison overview

## DataConnect 11 Highlights Foundation for a hybrid cloud architecture

Architected to support hybrid patterns (data, application), deployments (cloud and on-prem) and endpoints (SaaS and on-prem)

### Backwards compatibility

Reuse your existing artifacts such as maps, configurations and process workflows

### Modern, framework-based IDE

High-performance, lightweight desktop IDE with tools for mapping, debugging, web services connectivity, and other design and runtime services

### Built-in power user features

Provides tools for advanced users such as XML and text editors, search/replace, and code assist

### Out-of-the-box Integration Manager

Easily configure, monitor, schedule and control user access

### Secure and robust

Remove known security vulnerabilities by updating to a newer version of Java

The latest release of Actian DataConnect focuses on improving developer productivity and simplifying the integration architecture. A new desktop IDE with features and functionalities for mapping, debugging, web services connectivity, and other design and runtime services highlight more user-friendly tools and greater deployment flexibility.

DataConnect 11 offers a seamless import path for Data Integrator artifacts. With essentially a few clicks of the button, Data Integrator 9 customers can transition to and start taking advantage of DataConnect 11's modern design in minutes.

Below is a summary of the new integration features and architecture changes that were introduced with DataConnect 11.

## What's New with DataConnect Architecture

- Lightweight desktop design interface built on a widely-adopted, extensible open-source IDE framework
- Ability to import, rather than migrate, prior version integration artifacts
- Full support for Data Integrator version 9 Events and Actions for backwards compatibility
- Open, file-system based metadata repository that enables the use of your existing source control systems
- Flexible SDK (software development kit) and CLI (command line interface) to support your custom job management infrastructure
- DataCloud deployment option: Manage in the cloud, runtime on-prem via agents

## Features comparison

Category	Data Integrator 9	DataConnect 11
New Feature	N/A	<b>*NEW*</b> API Invoker 3.0, an easy-to-use and standardized approach for RESTful and SOAP APIs
New Feature	N/A	<b>*NEW*</b> Engine execution profiler that provides immediate, interactive performance feedback
New Feature	N/A	<b>*NEW*</b> Built-in XML and Text editors for power users to directly modify metadata
New Feature	N/A	<b>*NEW*</b> Content assist in the script editor (a.k.a. code completion)
New Feature	N/A	<b>*NEW*</b> Reject connection tab that improves ease of use
New Feature	N/A	<b>*NEW*</b> Macro enhancements, including support for macro sets and encrypted values
New Feature	N/A	<b>*NEW*</b> Improvements to the “Search and Replace” functionality and Help system
New Feature	N/A	<b>*NEW*</b> Design SDK for creating your own custom mapper or process designers
Design Studio	Collection of 32bit VB and Java tools	Consolidated 64bit IDE built on Eclipse framework
Design UX	“The standard”	All-around navigation and functionality improvements
Metadata Repository	Workspaces & Repositories	Workspaces & Projects (terminology only)
Upgrade / Migrate	Import v8 artifacts directly	Import v9 artifacts directly
Packaging	Command line interface utility	Graphical User Interface within the IDE
Management	Limited on-prem server and browser UI	DataCloud DataConnect DX (on-prem in Q4)
Versioning	Major version is user defined, Minor version incremented on save. Bring your own version control	Major version is user defined, Minor version incremented on save. Bring your own version control
Reporting	Design metadata reports	Search (and replace) is vastly improved. Reporting to come in subsequent releases
Semi-structured Text	GUI Designer to generate CXL script, Connector	CXL script, Connector
Joins	GUI and Connector	Use Process workflow
SDKs	Java, COM, CLI	Java, CLI
Connector “bitness”	32bit & 64bit connectors	64bit only - requires updating client drivers such as ODBC and MS Access
Documentation	Separate interface, PDF documents	Integrated Help system
Process Design metadata	3rd party library “BLOB” field	Readable XML text using coordinates
Metadata language	XML	XML
Platform support	Windows only	Linux and Windows

