

Abstract

Reflection automatically creates a near perfect mirror image of your Salesforce.com database on a SQL Server database. Reflection is a Windows .NET application developed by Riptide that runs continuously as a Windows Service and monitors all database changes, both data changes and structural changes, in your Salesforce.com database and makes the corresponding change within SQL Server.

Description

Reflection creates a near perfect mirror image of your Salesforce.com database on any SQL Server 2005 instance. Reflection was developed using Microsoft .NET version 3.5 and runs continuously as a Windows Service on Windows 2000 Server or later.

Reflection installs completely in just a few minutes and requires minimal configuration and maintenance. Reflection requires only three pieces of information to run: SQL Server login information, Salesforce.com login information and the desired frequency of replication. Once running, Reflection automatically moves data from Salesforce.com and modifies the structure of the SQL Server database to reflect any changes made to Salesforce.com fields or objects including the addition of custom fields and objects.

Highlights

Name	Description	Type
Intelligent Replication	Reflection monitors Salesforce.com and recognizes any changes made to the data or the structure of your database and automatically makes the corresponding change in SQL Server.	✕
Easy Setup & Configuration No Training	Installs in just minutes and requires only 1 input screen to fully configure. Requires no special training to configure or use.	✕
Zero Maintenance	Once configured there is no need for any interaction with Reflection.	✕

■ = Custom Object, ▣ = Custom Tab, ● = Custom Link, ◆ = Custom S-Control
 ≡ = Plug-In, ✕ = Composite Component

Features & Benefits

- **Intelligent Replication** Reflection monitors Salesforce.com continuously and keeps SQL Server in sync. Reflection is aware of any and all changes that occur in Salesforce.com and updates SQL Server to reflect the changes automatically and without the need for user intervention. There is never a need for data mapping and Salesforce.com administrators can make changes to Salesforce.com without disrupting the replication process.
- **Simplify Reporting & Analysis** Having a local copy of your Salesforce.com data allows your developers and analysts to access your data using tools and techniques they are familiar with. There is also no need for training to learn to use any proprietary data access languages or data access tools.
- **Simplify Integration** Reflection brings all the salesforce.com data into your local environment allowing your organization to easily move Salesforce.com data into other systems without developing custom web services code.
- **Share Sales Information More Easily** Share sales and customer information with the people inside and outside your organization who need it but do not have direct access to Salesforce.com due to business rules and security controls.
- **No Training Necessary** Reflection requires no special training to install and configure and once running does not require any user interaction.
- **Improved Data Access Performance / Indexing** Your Database Administrators will be able to tune and optimize SQL Server to improve the performance of queries and reports.

Requirements

Salesforce.com Editions

Enterprise
Unlimited
Developer

Windows 2000 Server or greater OR Windows XP or greater
SQL Server 2005
Microsoft .NET 3.5

Specifications

Publisher
Type

Riptide
External
Certified

Salesforce.com Certification
Pricing

\$245/month per SQL Server

Riptide Reflection Administrator - C:\Program Files\Riptide Software\Riptide Reflection\Logs\08_02_19_Riptide_Reflection.log

File Settings Status Help

Sales Force Setting

SalesForce.com user name:

SalesForce.com password:

SalesForce.com security token:

SQL Database Setting

Database server:

Database name:

Windows authentication SQL Server authentication

SQL Server user name:

SQL Server password:

Log Setting

Log file directory:

Update frequency (in minutes):

Log file retention (in days):

Last Replication: 2008-02-19 16:19:59