



Simba Salesforce ODBC Driver

Installation Guide

Last Revised: December 18, 2012

Simba Technologies Inc.



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Printed in Canada

Table of Contents

Introduction	1
Files	1
32 bit Windows	1
64 bit driver on 64 bit Windows	2
32 bit driver on 64 bit Windows	2
Registry Settings	3
32 bit Windows	3
64 bit driver on 64 bit Windows	5
32 bit driver on 64 bit Windows	6

Introduction

The Simba Salesforce ODBC Driver is used to access Salesforce.com. It enables Business Intelligence (BI), analytics and reporting on Salesforce.com data.

This document outlines the process for manual installation of the Simba Salesforce ODBC Driver.

Files

32 bit Windows

The following files need to be copied to the program directory, "**C:\Program Files\Simba Salesforce ODBC Driver**"

- The following files are copied to the **bin** directory under the program directory.
 - x86\bin\simbaicuin38_32.dll
 - x86\bin\simbaicuuc38_32.dll
 - x86\bin\ssleay32.dll
 - x86\bin\zlibwapi.dll
 - x86\bin\libcurl.dll
 - x86\bin\libeay32.dll
 - x86\bin\SFODBC.dll
 - x86\bin\simbaicudt38_32.dll

For simplicity, you can copy the entire **bin** directory under x86 to the program directory.

- The following files are copied to the **ErrorMessages\en-US** directory under the program directory
 - ErrorMessage\en-US\ODBCMessages.xml
 - ErrorMessage\en-US\SFMessages.xml
 - ErrorMessage\en-US\SQLEngineMessages.xml
- The follow files are copied to the program directory
 - cacerts.pem

- Simba Salesforce ODBC Driver User Guide.pdf

64 bit driver on 64 bit Windows

The following files need to be copied to the program directory, "**C:\Program Files\Simba Salesforce ODBC Driver**"

- The following files are copied to the **bin** directory under the program directory
 - x64\bin\simbaicuin38_64.dll
 - x64\bin\simbaicuuc38_64.dll
 - x64\bin\ssleay32.dll
 - x64\bin\zlibwapi.dll
 - x64\bin\libcurl.dll
 - x64\bin\libeay32.dll
 - x64\bin\SFODBC.dll
 - x64\bin\simbaicudt38_64.dll

For simplicity, you can copy the entire **bin** directory under x64 to the program directory.

- The following files are copied to the **ErrorMessages\en-US** directory under the program directory
 - ErrorMessage\en-US\ODBCMessages.xml
 - ErrorMessage\en-US\SFMessages.xml
 - ErrorMessage\en-US\SQLEngineMessages.xml
- The follow files are copied to the program directory
 - cacerts.pem
 - Simba Salesforce ODBC Driver User Guide.pdf

32 bit driver on 64 bit Windows

The following files need to be copied to the program directory, "**C:\Program Files (x86)\Simba Salesforce ODBC Driver**"

- The following files are copied to the **bin** directory under the program directory
 - x86\bin\simbaicu38_32.dll
 - x86\bin\simbaicuuc38_32.dll
 - x86\bin\ssleay32.dll
 - x86\bin\zlibwapi.dll
 - x86\bin\libcurl.dll
 - x86\bin\libeay32.dll
 - x86\bin\SFODBC.dll
 - x86\bin\simbaicudt38_32.dll

For simplicity, you can copy the entire **bin** directory under x86 to the program directory.

- The following files are copied to the **ErrorMessages\en-US** directory under the program directory
 - ErrorMessage\en-US\ODBCMessages.xml
 - ErrorMessage\en-US\SFMessages.xml
 - ErrorMessage\en-US\SQLEngineMessages.xml
- The follow files are copied to the program directory
 - cacerts.pem
 - Simba Salesforce ODBC Driver User Guide.pdf

Registry Settings

32 bit Windows

The following registry settings need to be set:

Driver Location

To define each driver and its setup location, the 32-bit ODBC Driver Manager on 32-bit Windows uses registry keys created in `HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINST.INI`. Each key includes three string values to define the location of the **Driver**, its **Setup** location and the **Description** to help you clearly identify each registry key. The three keys that are relevant to the Salesforce ODBC Driver are:

- "HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINST.INI\Simba Salesforce ODBC Driver" which includes the following key names and values:
 - **Driver:** C:\Program Files\Simba Salesforce ODBC Driver\bin\SFODBC.dll
 - **Setup:** C:\Program Files\Simba Salesforce ODBC Driver\bin\SFODBC.dll
 - **Description:** 32-bit Simba Salesforce ODBC Driver

There is another registry key at the same location called **ODBC Drivers**, indicating that the driver is installed.

- "HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINST.INI\ODBC Drivers" which includes the following string value:
 - **Simba Salesforce ODBC Driver:** Installed

Data Source Name

To connect your driver to your database, the 32-bit ODBC Driver Manager on 32-bit Windows uses Data Source Name registry keys in HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBC.INI. Each key includes three string values to define the location of the **Driver**, a **Description** to help you clearly identify each registry key, and, optionally, values for advanced settings. The keys that are relevant to the Salesforce ODBC Driver are:

- "HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINI\Sample Simba Salesforce DSN" which must include the following string values:
 - **Driver:** C:\Program Files\Simba Salesforce ODBC Driver\bin\SFODBC.dll
 - **Description:** Simba Salesforce ODBC Driver
 - **MetadataLevel:** LIGHT or FULL (optional)
 - **ParseMethod:** SQOL_FIRST, SQL_FIRST, SOQL_ONLY, SQL_ONLY (optional)

There is another registry key at the same location called **ODBC Data Sources**. String values that correspond to each DSN\driver pair must also be added to it:

- "HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINI\ODBC Data Sources " which must include the following string value:
 - **Sample Simba Salesforce DSN:** Simba Salesforce ODBC Driver

Simba Settings

For settings that are common between all instances of the Simba Salesforce Driver, the driver uses registry keys in HKEY_LOCAL_MACHINE\SOFTWARE\SIMBA. The keys that are relevant to the Salesforce ODBC Driver are:

- "HKEY_LOCAL_MACHINE\SOFTWARE\Simba\Simba Salesforce ODBC Driver\Driver" which must include the following string values:
 - **CertsPath:** C:\Program Files\Simba Salesforce ODBC Driver\cacerts.pem
 - **ErrorMessagesPath:** C:\Program Files\Simba Salesforce ODBC Driver\ErrorMessages

- **ServicePath:** services/Soap/u/23.0

64 bit driver on 64 bit Windows

The following registry settings need to be set:

Driver Location

To define each driver and its setup location, the 64-bit ODBC Driver Manager on 64-bit Windows uses registry keys created in `HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINST.INI`. Each key includes three string values to define the location of the **Driver**, its **Setup** location and the **Description** to help you clearly identify each registry key. The three keys that are relevant to the Salesforce ODBC Driver are:

- "`HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINST.INI\Simba Salesforce ODBC Driver`" which includes the following key names and values:
 - **Driver:** `C:\Program Files\Simba Salesforce ODBC Driver\bin\SFODBC.dll`
 - **Setup:** `C:\Program Files\Simba Salesforce ODBC Driver\bin\SFODBC.dll`
 - **Description:** 64-bit Simba Salesforce ODBC Driver

There is another registry key at the same location called **ODBC Drivers**, indicating that the driver is installed.

- "`HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINST.INI\ODBC Drivers`" which includes the following string value:
 - **Simba Salesforce ODBC Driver:** `Installed`

Data Source Name

To connect your driver to your database, the 64-bit ODBC Driver Manager on 64-bit Windows uses Data Source Name registry keys in `HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBC.INI`. Each key includes three string values to define the location of the **Driver**, a **Description** to help you clearly identify each registry key, and, optionally, values for advanced settings. The keys that are relevant to the Salesforce ODBC Driver are:

- "`HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINI\Sample Simba Salesforce DSN`" which must include the following string values:
 - **Driver:** `C:\Program Files\Simba Salesforce ODBC Driver\bin\SFODBC.dll`
 - **Description:** Simba Salesforce ODBC Driver
 - **MetadataLevel:** LIGHT or FULL (optional)
 - **ParseMethod:** `SQOL_FIRST`, `SQL_FIRST`, `SOQL_ONLY`, `SQL_ONLY` (optional)

There is another registry key at the same location called **ODBC Data Sources**. String values that correspond to each DSN\driver pair must also be added to it:

- "HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBCINI\ODBC Data Sources " which must include the following string value:
 - **Sample Simba Salesforce DSN:** Simba Salesforce ODBC Driver

Simba Settings

For settings that are common between all instances of the Simba Salesforce Driver, the driver uses registry keys in HKEY_LOCAL_MACHINE\SOFTWARE\SIMBA. The keys that are relevant to the Salesforce ODBC Driver are:

- "HKEY_LOCAL_MACHINE\SOFTWARE\Simba\Simba Salesforce ODBC Driver\Driver" which must include the following string values:
 - **CertsPath:** C:\Program Files\Simba Salesforce ODBC Driver\cacerts.pem
 - **ErrorMessagesPath:** C:\Program Files\Simba Salesforce ODBC Driver\ErrorMessages
 - **ServicePath:** services/Soap/u/23.0

32 bit driver on 64 bit Windows

The following registry settings need to be set:

Driver Location

To define each driver and its setup location, the 32-bit ODBC Driver Manager on 64-bit Windows uses registry keys created in

HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432NODE\ODBC\ODBCINST.INI. Each key includes three string values to define the location of the **Driver**, its **Setup** location and the **Description** to help you clearly identify each registry key. The three keys that are relevant to the Salesforce ODBC Driver are:

- "HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432NODE\ODBC\ODBCINST.INI\Simba Salesforce ODBC Driver" which includes the following key names and values:
 - **Driver:** C:\Program Files\Simba Salesforce ODBC Driver\bin\SFODBC.dll
 - **Setup:** C:\Program Files\Simba Salesforce ODBC Driver\bin\SFODBC.dll
 - **Description:** 32-bit Simba Salesforce ODBC Driver

There is another registry key at the same location called **ODBC Drivers**, indicating that the driver is installed.

- "HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432NODE\ODBC\ODBCINST.INI\ODBC Drivers" which includes the following string value:
 - **Simba Salesforce ODBC Driver:** Installed

Data Source Name

To connect your driver to your database, the 32-bit ODBC Driver Manager on 32-bit Windows uses Data Source Name registry keys in

`HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432NODE\ODBC\ODBC.INI`. Each key includes three string values to define the location of the **Driver**, a **Description** to help you clearly identify each registry key, and, optionally, values for advanced settings. The keys that are relevant to the Salesforce ODBC Driver are:

- "`HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432NODE\ODBC\ODBCINI\Sample Simba Salesforce DSN`" which must include the following string values:
 - **Driver:** `C:\Program Files\Simba Salesforce ODBC Driver\bin\SFODBC.dll`
 - **Description:** `Simba Salesforce ODBC Driver`
 - **MetadataLevel:** `LIGHT` or `FULL` (optional)
 - **ParseMethod:** `SQOL_FIRST`, `SQL_FIRST`, `SOQL_ONLY`, `SQL_ONLY` (optional)

There is another registry key at the same location called **ODBC Data Sources**. String values that correspond to each DSN\driver pair must also be added to it:

- "`HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432NODE\ODBC\ODBCINI\ODBC Data Sources`" which must include the following string value:
 - **Sample Simba Salesforce DSN:** `Simba Salesforce ODBC Driver`

Simba Settings

For settings that are common between all instances of the Simba Salesforce Driver, the driver uses registry keys in `HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432NODE\SIMBA`. The keys that are relevant to the Salesforce ODBC Driver are:

- "`HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432NODE\Simba\Simba Salesforce ODBC Driver\Driver`" which must include the following string values:
 - **CertsPath:** `C:\Program Files\Simba Salesforce ODBC Driver\cacerts.pem`
 - **ErrorMessagesPath:** `C:\Program Files (x86)\Simba Salesforce ODBC Driver\ErrorMessages`
 - **ServicePath:** `services/Soap/u/23.0`