IBM SPSS Data Access Pack Installation Instructions for Linux

Note: Before using this information and the product it supports, read the general information under Notices on p. 4.

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Chapter
1

Overview

Introduction

SPSS Inc. products are distributed with a set of technologies for accessing data from a variety of file types and databases. This guide is primarily for system administrators who are installing an SPSS Inc. product for use in a networked computer environment, and who need to provide end users with access to databases on remote servers.

The IBM® SPSS® Data Access Pack deploys DataDirect Connect and ConnectXE for ODBC, which provides a comprehensive set of individual, database-specific drivers that use ODBC to deliver reliable connectivity to all major data stores, from relational databases to flat-file data.

Note: These data access technologies are "closed"—they can be used only with SPSS Inc. products. If you want to access databases with other applications, you may require a more general solution.

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Chapter 2

Connect ODBC Installation Instructions

This chapter provides the details of installing Connect ODBC at your site and connecting to your database.

What You Need to Run Connect ODBC

Make sure that the computer meets the software requirements for the drivers you plan to install.

- If your application was built with 32-bit system libraries, you must use 32-bit drivers. If your application was built with 64-bit system libraries, you must use 64-bit drivers.
- When using DataDirect Connect or Connect XE for ODBC, the database you are connecting to can be either 32-bit or 64-bit enabled.

To determine if additional software is required for a particular driver, see the DataDirect home page at *http://www.datadirect.com/index.ssp*.

Installation Steps for Connect ODBC

Connect ODBC consists of a set of drivers, and should be installed on the computer where you will create data sources. *Do not install the IBM® SPSS® Data Access Pack in the same directory as another SPSS Inc. product.*

Note: In order to install the Connect ODBC drivers, you must be running as root.
Drivers for all supported operating systems are available from the SPSS Inc. Web site at *http://www.spss.com/drivers*. Your SPSS Inc. product installation media may include the drivers specific to the operating system on which the product runs.

From your SPSS Inc. product installation media

▶ Copy the *TAR* file from the *DataDirect* directory on your SPSS Inc. product installation media (if available) and save it to the directory where you want to install the driver.

From the SPSS Inc. Web site

▶ Navigate to *http://www.spss.com/drivers*.

▶ Click the link for your SPSS Inc. product.

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- Click the link for your operating system to download the associated *TAR* file, and save it to the directory where you want to install the driver.

Install the Driver

- Extract the *TAR* file. This extracts all files required to run the ODBC drivers.
- Configure the ODBC environment. From the directory where you extracted the files, run ./setodbcpath.sh. This will set the ODBC home directory to the current directory.
- Add an instruction to run /<Connect ODBC install dir>/odbc.sh from the script that launches your SPSS Inc. application.

  Note: For IBM® SPSS® Statistics users, this is accomplished by editing *statsenv.sh* (located in the *bin* directory under the directory where SPSS Statistics is installed) and changing the line with `MERANT_ENVIRONMENT_SCRIPT` so that it points to the directory where Connect ODBC is installed.

DataDirect Product Documentation

DataDirect's product documentation for Connect ODBC can be found under the directory where you extracted the files.

Note: The documentation can also be accessed from the SPSS Inc. Web site at *http://www.spss.com/drivers/merant.htm*, or from the DataDirect home page at *http://www.datadirect.com/index.ssp*.

Updating Your Installation

Installing a newer version of a driver or client from the IBM SPSS Data Access Pack does not uninstall earlier drivers. Instead, it makes the newly-installed software available to you. The newly-installed software must be manually configured; the configuration of your earlier driver is not transferred. If your earlier driver is working properly and meets your needs, it is best not to upgrade to a new version. Only update when you require support for a database that was previously unsupported, or when you require an enhancement.

Connecting to Your Database with Connect ODBC

Connect ODBC is a set of ODBC drivers; when you install it, you install drivers. Before you can use an installed driver you must create and configure an ODBC data source for that driver. The available Connect ODBC drivers will be labelled SPSS Inc. OEM when displayed in an ODBC administrator.

If you have a system administrator, ask him or her about configuring Connect ODBC.

Appendix

A

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