

HULFT Integrate

Hulft Integrate JDBC Proxy Server Install Guide

Document Release Date: January 8 2019 (The 1st Edition)

HULFT

Copyright© 2019 HULFT, Inc. All rights reserved.

Table of Contents

1.	Before Use	4
1.1.	Precautions.....	4
1.1.1.	Copyright Notice.....	4
1.1.2.	Trademarks.....	4
1.2.	About the mark of this document	5
1.3.	About the Icons Used in This Guide	6
2.	About HULFT Integrate JDBC Proxy Server.....	7
3.	Supported OS	8
4.	System requirements	9
5.	Supported ODBC data source	9
6.	Specifications and Limitations at Installation.....	10
6.1.1.	General	10
6.1.2.	Installation Directory Settings	10
7.	Installation of JDBC Proxy Server	11
7.1.	Start Installation	11
7.2.	Description of each screen of Installer.....	11
7.2.1.	Select Language	11
7.2.2.	Start Installation.....	11
7.2.3.	Choose Install Folder.....	11
7.2.4.	Connection Information Settings	11
7.2.5.	Installation Summary	12
7.2.6.	Installing HULFT Integrate JDBC Proxy Server.....	12

7.2.7.	Install Complete	12
7.3.	Installation of license key	12
7.4.	About Windows Short Cut Menu	12
8.	Start JDBC Proxy Server	13
8.1.	Manual startup.....	13
9.	Restart JDBC Proxy Server	13
10.	Stop JDBC Proxy Server	13
11.	JDBC Proxy Server available Adapters.....	14
12.	Specifications and Limitations at Uninstallation	15
12.1.	General	15
13.	Uninstall JDBC Proxy Server	15
13.1.	Start Uninstaller	15
13.2.	Start Uninstall	15
13.3.	Uninstall Completed.....	16

1. Before Use

This document describes how to install and set up HULFT Integrate JDBC Proxy Server.

1.1. Precautions

1.1.1. Copyright Notice

- The copyright of this software is owned by HULFT, Inc. or its licensors.
- Unauthorized copy, reprinting of this software and this manual is prohibited.
- While preparing this manual every effort has been taken to ensure its correctness but in case of any mistakes, mismatch, and suggestions please contact us.
- Please use this software by user's responsibility. As a result, with regard to any trouble and the lawsuit, etc. occurs by any chance, damage or loss caused directly or indirectly, our company doesn't at all assume any responsibilities. This is for your information beforehand.
- The contents described in this manual and software specifications are subject to change for betterment, without prior notification.
- The software licensing agreement is necessary for the use of this software, which includes trade secrets and proprietary information critical to HULFT, Inc. or its licensors, and it is protected by the Copyright Law of the Japanese national administration. The unauthorized use of HULFT, Inc. or the licensor's software and this manual is subject to compensation and criminal proceedings.

1.1.2. Trademarks

- HULFT, HULFT logo, Integrate, Integrate mark, IntegrateServer, IntegrateServer logo, and Hulft Inc. are trademarks or registered trademarks of HULFT, Inc.
- Additionally, company name, brand name and service name described in this manual are registered trademarks of each company.
- The duplication or diversion of information, such as trademarks, shown on the pages of this document is strictly prohibited.

1.2. About the mark of this document

The rules of the notations in this document are as follows.




- Menu name, tab name, property item name, value, and button name displayed on screen are enclosed with [] and in bold letters. Moreover, the one without title of screens and other function names are enclosed with "" and distinguished from the former.
- "\$INTEGRATE_HOME" shows the directory where HULFT Integrate is installed. In default, it is "C:\Program Files\hulft\integrate" for Windows version and "<HOME>/hulft/integrate" for UNIX/Linux version.
- "\$JDBC_PROXY_HOME" shows the directory where HULFT Integrate JDBC Proxy Server is installed.
- "x86 version" means 32bit OS.
"x64 version" means 64bit OS of 64bit CPU (Intel 64/AMD64).
- Name enclosed with < > is variable value.

Example: \$INTEGRATE_HOME/server/logs/<Date directory>

- URLs of the Web sites shown in this document are as of November 2018, and are subject to change without notice due to reasons of the Web site.
- "Studio" means "Integrate Studio", and "Studio for Web" means "Integrate Studio for Web".
- The descriptions of the Windows and UNIX/Linux versions of IntegrateServer have been standardized.
Please replace descriptions of operating system dependent items (such as path delimiter characters) as necessary.
- The numbers beginning with "DSS -" are unique IDs for controlling each corresponding problem.

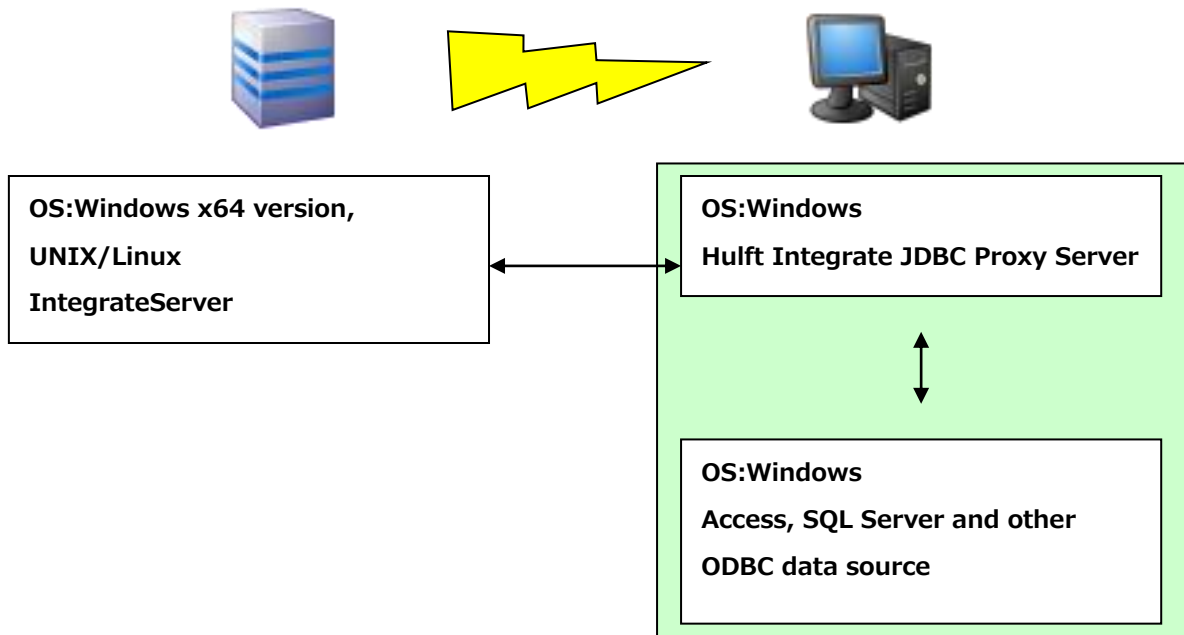
1.3. About the Icons Used in This Guide

This Guide uses the following icons in its explanation.

Icon	Description
	Indicates that there are hints about operations or configurations.
	Indicates that there are warnings about operations or configurations.
	Indicates that there are detailed descriptions in other resources.

2. About HULFT Integrate JDBC Proxy Server

Use HULFT Integrate JDBC Proxy Server (hereinafter called JDBC Proxy Server) to connect with ODBC data source on Windows from HULFT Integrate.



3. Supported OS

Following OS of both Japanese and English version are supported.

- Windows
 - Microsoft Windows Server 2008 Standard/Enterprise/Datacenter SP2 (x86 version, x64 version) (*1)
 - Microsoft Windows Server 2008 R2 Standard/Enterprise/Datacenter SP1 (x64 version) (*1)
 - Microsoft Windows Server 2012 Essentials/Standard/Datacenter (x64 version) (*2)
 - Microsoft Windows Server 2012 R2 Essentials/Standard/Datacenter (x64 version) (*2)
 - Microsoft Windows Server 2016 Essentials/Standard/Datacenter (x64 version) (*3)
 - Microsoft Windows 7 Professional/Enterprise/Ultimate SP1 (x86 version, x64 version)
 - Microsoft Windows 8.1 Pro/Enterprise (x86 version, x64 version)
 - Microsoft Windows 10 Pro/Enterprise (x86 version, x64 version)

(*1) Supports only when the Windows Server installation option is fully installed.

(*2) Supports full installation, minimum server interface, and Server Core.

(*3) Supports Server Core and Server with Desktop Experience.



If you install into Windows x64 environment, JDBC Proxy Server launches as a 32bit application.

4. System requirements

* The described system requirements are product independent.

- Windows
 - CPU: processor that meets system requirement that OS recommends
 - Memory: 256MB or more
 - HDD: Free space of 50MB or more

5. Supported ODBC data source

JDBC Proxy Server only supports the ODBC data source with 32bit.



If you install JDBC Proxy Server to Windows x64 environment, the ODBC data source that can be created with ODBC data source administrator launched by default will be available for 64bit use. Therefore, to create an ODBC data source with 32bit, please launch the “ODBC Data Source Administrator” with 32bit from the following execution file.

- C:/Windows/SysWOW64/odbcad32.exe

6. Specifications and Limitations at Installation

6.1.1. General

- If JDBC Proxy Server already exists in the install environment, please do not overwrite on the existing JDBC Proxy Server upon installation.
Please be sure to uninstall JDBC Proxy Server, before you newly install.
- Install them as an “administrator” user.

6.1.2. Installation Directory Settings

- You cannot use the following characters for the destination folder name.
 - ; (half-width semicolon)
 - ' (half-width single quote)
 - ~ (half-width tilde)

7. Installation of JDBC Proxy Server

7.1. Start Installation

Execute an installer file "JDBCProxyServer_X86.exe", and start installer.



When installing in Windows Server 2008 x64, be sure to use the dedicated installer "JDBCProxyServer_WIN2K8_X86.exe" placed under the "InstallerForWindowsServer2008x64" directory.

7.2. Description of each screen of Installer

7.2.1. Select Language

Select display language of installer.

7.2.2. Start Installation

Start installation of JDBC Proxy Server. Read through the displayed content, then press **[Next]** button.

7.2.3. Choose Install Folder

Specify installation folder of JDBC Proxy Server and press **[Next]** button.

Default value is "C:/Program Files/JDBCProxyServer".

(In Windows x64 environment, it is "C:/Program Files (x86)/JDBCProxyServer".)

When you want to install JDBC Proxy Server in another directory, start directory chooser by pressing **[Choose]** button and select target directory. You can restore default directory path by pressing **[Restore Default Folder]** button after another directory is selected.

7.2.4. Connection Information Settings

Enter the port number of JDBC Proxy Server, and then press the **[Next]** button.



If you omit **[Port Number]**, "4412" is set.

7.2.5. Installation Summary

The summary of installation is displayed. Confirm a displayed content of settings. Press [**Install**] button and installation begins.

7.2.6. Installing HULFT Integrate JDBC Proxy Server

JDBC Proxy Server is being installed.

7.2.7. Install Complete

When installation executed successfully, following screens are displayed. Press [**Done**] button and finish installation.



Setting data for JDBC Proxy Server are written into the following location.

- \$JDBC_PROXY_HOME/conf/jdbcproxy.properties

7.3. Installation of license key

JDBC Proxy Server does not require installation of the license.

7.4. About Windows Short Cut Menu

Following short cut menus are created after installation.

- JDBCProxyServer
- Uninstall JDBC Proxy Server

8. Start JDBC Proxy Server

JDBC Proxy Server is registered as the service name, "HULFT Integrate JDBC Proxy Server" in the Windows Services.

By default, since start up type is set as "automatic", starts up automatically after the installation.

8.1. Manual startup

Start up by using either of the following methods.

- In the "Windows Start Menu", select "JDBC Proxy Server" - "JDBCProxyServer"
- Start the service name "HULFT Integrate JDBC Proxy Server" from "Services" in Windows.

9. Restart JDBC Proxy Server

To restart JDBC Proxy Server, execute the following procedure.

- Restart the service name "HULFT Integrate JDBC Proxy Server" from "Services" in Windows.



If you restarted JDBC Proxy Server, please be sure to also restart IntegrateServer.

10. Stop JDBC Proxy Server

To stop JDBC Proxy Server, execute the following procedure.

- Stop the service name "HULFT Integrate JDBC Proxy Server" from "Services" in Windows.

11. JDBC Proxy Server available Adapters

Following are the adapters that can browse the ODBC data source via JDBC Proxy Server.

- Access Adapter
- SQL Server ODBC Adapter
- ODBC Adapter



For details on setting method in each adapter, please refer to Help for adapters “Global resource property”.

12. Specifications and Limitations at Uninstallation

12.1. General

- In Windows version, short cut menu might remain in Windows start menu after uninstall.
Delete manually.

13. Uninstall JDBC Proxy Server

Use uninstaller when you uninstall JDBC Proxy Server.



Before uninstallation, ensure that the various applications of HULFT Integrate have been stopped.

13.1. Start Uninstaller

Start uninstaller in following way.

- Select "Uninstall" from "Windows Start menu" - "JDBC Proxy Server" - "Uninstall JDBC Proxy Server".
- Run `$JDBC_PROXY_HOME/Uninstaller/Uninstall.exe`.

13.2. Start Uninstall

Press [**Uninstall**] and start uninstall.

13.3. Uninstall Completed

When uninstall executed successfully, the “Uninstall Complete” screen is displayed.

List of directories that was not able to be deleted are displayed. Delete it manually after confirmation.



Uninstaller does not delete following directories.

- \$JDBC_PROXY_HOME/conf
- \$JDBC_PROXY_HOME/logs

HULFT Integrate JDBC Proxy Server Install Guide

The 1st edition: January 8 2019

HULFT, Inc.
1820 Gateway Drive, Suite 120
San Mateo, CA 94404
www.hulftinc.com