



SirsiDynix Symphony Version 3.3.x

**Installing the WorkFlows Java
Client on Windows Workstations**

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December 2009

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About This Guide

This *Installing the Version 3.3.x WorkFlows Java Client on Windows Workstations* guide explains how to install and update the SirsiDynix Symphony Version 3.3.x WorkFlows Java client.

For more information about this guide, see these topics:

- [Summary of Contents on page v](#)
- [Conventions Used in This Guide on page v](#)

Summary of Contents

This guide contains these major sections:

- [Overview on page 7](#)
- [Before you begin on page 7](#)
- [Client installation process changes on page 7](#)
- [System requirements on page 9](#)
- [Notes for client installation and update on Windows systems on page 10](#)
- [Steps for installing the WorkFlows Java client on Windows workstations on page 11](#)

Conventions Used in This Guide


This guide uses terms, typefaces, and symbols to denote different kinds of information. Understanding these conventions can help you recognize the information you need more quickly.


For details, see these topics:

- [Symbols on page v](#)
- [Keyboard Conventions on page vi](#)
- [Other Conventions on page vi](#)

Symbols

This guide uses these symbols.

Symbol	Description
	Note or Tip This symbol indicates additional notes or helpful tips.

Symbol	Description
	Important This symbol indicates important information or warnings.

Keyboard Conventions

This guide refers to keys following the standard convention of 101-key keyboards. For example, **Ctrl** is the control key, **Alt** is the alternate key, **Enter** is enter or return.

When you need to press two or more keys at the same time to do an action, the keys are connected with a plus sign (+). For example, **Alt+H** means to press and hold the **Alt** key while you also press **H**.

Keys you press appear in bold type in steps. Text or numbers that you need to enter using the keyboard also appear in bold (for example, “Type main in the **Location** field”).

Other Conventions

In step-by-step instructions, the names of menus, buttons, fields, and other options appear in bold type (for example, “the **OK** button” or “the **Title** field”).

Text in italics shows general information that you must replace with information that is specific to your system. For example, you would replace *password* with a specific password, such as **123gr@ndma**.

File and directory names, code examples, and computer output appear in *Courier*.

Installing the Version 3.3.x WorkFlows Java Client on Windows Workstations

Overview

This document explains how to install Version 3.3.x of the SirsiDynix Symphony WorkFlows Java client on Windows workstations.

Before you begin

Before you install the Version 3.3.x WorkFlows Java client, there are now essentially two modes of operation:

- Admin
- Non-admin (individual account or shared account)

For admin user logins, the installation process remains the same as in previous versions of the WorkFlows Java client. That is, the admin user installs the client and upgrades the client, and all library staff uses that copy of the client. Only admin users can install and upgrade the client.

For non-admin user logins, each individual installs the client and the client is installed in that user's `\Documents and Settings` folder on the workstation. The individual user can update and uninstall his or her copy of the client.

Additionally, the client can be installed using a shared, non-admin user login account. This is useful for common, shared logins, such as CIRC or TECHSERV. The client is installed in the non-admin user's `\Documents and Settings` folder on the workstation. Only that user can update and uninstall his or her copy of the client.

Client installation process changes

The Version 3.3.x WorkFlows Java client installation process has changed as follows:

- If you are going to use the new non-admin installation feature, it is recommended that the previous version of the WorkFlows Java client is either un-installed, or that you remove the Desktop icon to the older version, to eliminate confusion for the users.
- A non-admin cannot uninstall a client that was installed by an admin (which is the same for the 3.2.1 and earlier WorkFlows Java clients). However, once the non-admin has installed the client, the user can also uninstall his or her own client.
- Non-admin installs are independent on the workstation, which is, there will be more than one client installation if more than one non-admin user uses that workstation and installs a client.

Where the client is installed

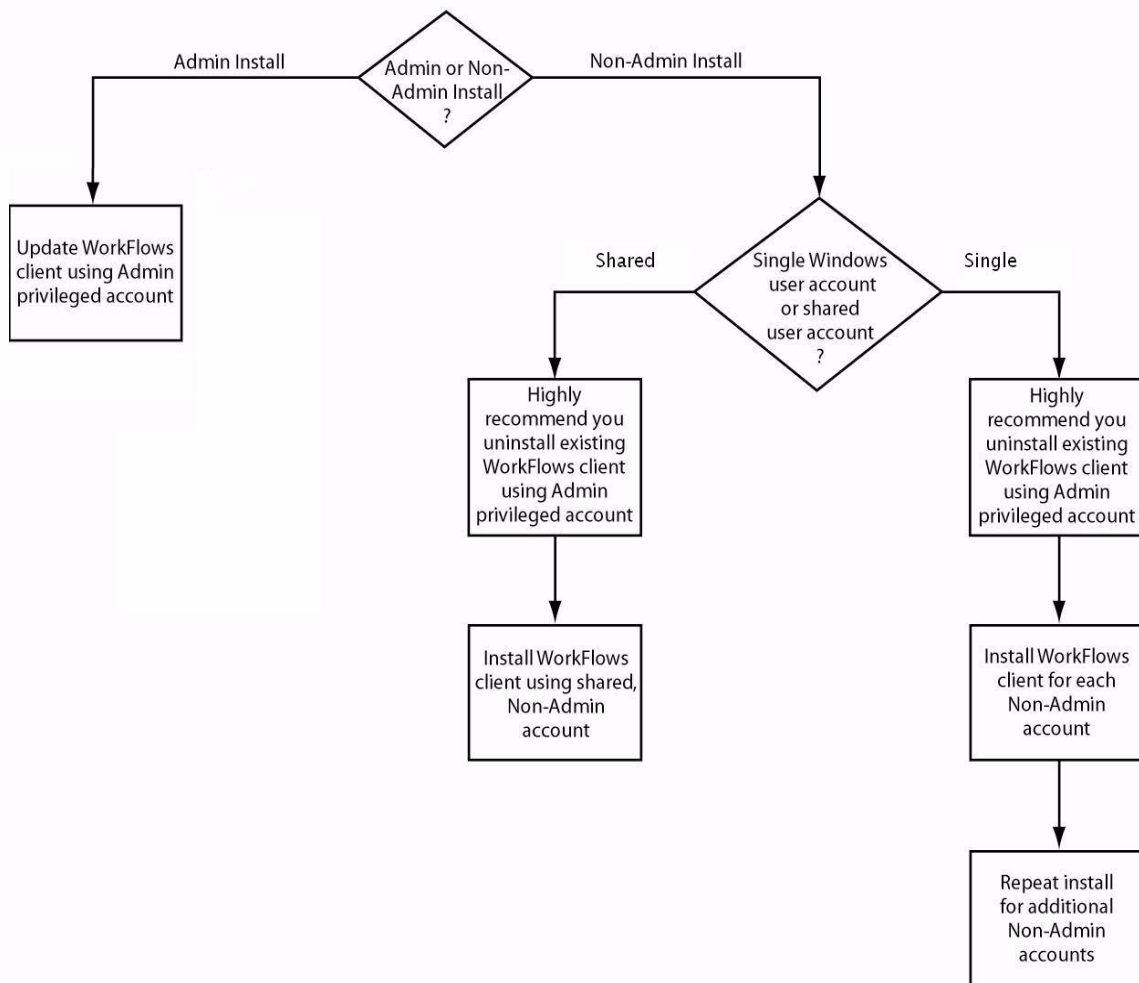
The client files are installed in different locations on the workstation depending on the type of installation (admin and non-admin) and whether the client is updated or is freshly installed.

Type of installation	Where client files are installed	Who can access, update, and uninstall the client
GL3.1 update to 3.3.x with admin user login	\Program Files	Everyone can use the client, but only this admin user login can update and uninstall the client.
3.2.1.05 update to 3.3.x with admin user login	\Program Files	Everyone can use the client, but only this admin user login can update and uninstall the client.
Fresh install of 3.3.x with admin login	\Program Files	Everyone can use the client, but only the admin user login can update and uninstall the client.
Fresh install of 3.3.x with non-admin login (individual account)	\Documents and Settings for this user's home directory	Users can only use and update this copy when logged in as this particular user. Only this login user can update and uninstall this copy of the client.
Fresh install of 3.3.x with non-admin login (shared account)	\Documents and Settings for this user's home directory	Shared accounts, such as CIRC or TECHSERV, may be used by multiple users. Only this login user can update or uninstall this copy of the client.

Client installation decision graph

The following is a graph of the decisions to be made and their outcomes during the Version 3.3.x WorkFlows Java client installation process.

Figure 2-1: Version 3.3.x WorkFlows Java Client Installation Decision Graph



System requirements

To install or update to the Version 3.3.x WorkFlows Java client, your system must meet the following minimum requirements.

- OS/Platform: Windows 2000, XP, Vista, or Macintosh OS X (10.4 and higher, 64 bit machine, Dual Core required)
- RAM minimum: 512 MB, suggested: 1 GB
- Processor speed minimum: 700 MHz, suggested: 1 Ghz
- Disk space for WorkFlows: 100 MB free hard disk space
- Monitor resolution: 1024 x 768 or better
- TCP/IP networking support
- Ability to connect to a SirsiDynix Symphony 3.3.x server
- Java 1.6

On workstations running the WorkFlows Java client, SirsiDynix recommends setting the virtual memory association to equal twice the amount of physical memory, at minimum. Please work with your system administrator to check the virtual memory setting on each workstation running the WorkFlows Java client, and increase the memory if necessary.



The WorkFlows Java client will not affect e-Library stations, which will require only a Web browser for access.

Virus protection software should be temporarily disabled while installing the WorkFlows Java client.

Notes for client installation and update on Windows systems

Before you begin to install or update the Version 3.3.x WorkFlows Java client on a Windows system, make sure the following requirements specific to the Windows system are met.



The Java components used in the new or updated WorkFlows Java client are bundled with the `fupd_jwf.exe` file. These components are automatically delivered to the `\JRE` folder under the `\Sirsi\JWF` folder on the workstation.

- **Admin user install** — If you want to install or update the WorkFlows Java client as an admin user, you must have full rights (read, write, and execute) and access to the `\Program Files` directory and the `\Documents and Settings\<user>` directory, where `<user>` is the user profile. The installer will create the `\Sirsi` and `\Sirsi\Workflows` folders in these directories, respectively. (While Windows 2000 and Windows XP systems allow access to these locations by default, Windows Vista requires full rights and access to the locations to install, update, and operate the WorkFlows Java client properly.)
- **Non-admin user install** — To install or update the WorkFlows Java client as a non-admin user, you are no longer required to be logged in as an admin. But, you must have full rights (read, write, and execute) to the `\Documents and Settings\<user>` directory, where `<user>` is the user profile. The installer will create the `\Sirsi`, `\SirsiWorkflows` and `\Sirsi\JWF` folders in this directory. (While Windows 2000 and Windows XP systems allow access to these locations by default, Windows Vista requires full rights and access to the locations to install, update, and operate the WorkFlows Java client properly.)
- **Windows Vista system installation** — You may be logged in as a member of the Administrator group or as a regular user with User Access Control to install or update the WorkFlows Java client. For Vista, `\Users` replaces `\Documents and Settings` as the location for the individual profiles.

Sites with Windows Vista workstations will need to disable User Account Control before non-admin accounts can install and update the WorkFlows Java client. The following Microsoft documentation explains the User Account Control feature in some detail: <http://technet.microsoft.com/en-us/library/cc709628.aspx>.

Steps for installing the WorkFlows Java client on Windows workstations

To install the WorkFlows Java client

1 Log in to the Windows workstation. You should log in as the user who will be installing the WorkFlows Java client. This can be the admin or a non-admin user.

2 The `fupd_jwf.exe` file from the `/Unicorn/Clients` directory on the server should already have been copied to your workstation as part of the upgrade process.

Locate the `fupd_jwf.exe` executable file on your workstation and double-click it to launch the Install Shield.

3 Follow the instructions in the setup windows. Answer the questions posted by the installation program affirmatively.

4 At the end of the install, you will be prompted to connect the client to the Symphony server. The installation will not be complete until you connect the client to the server.

Type the server connection information. Allow the WorkFlows Java client to connect to the SirsiDynix Symphony server and transfer server files to the client system.

5 If you are logged on to the Windows workstation as an admin user, the WorkFlows Java client will be installed in the `\Program Files\Sirsi\JWF` directory on the workstation. This client will be accessible to all users on the workstation, but only the admin user will later be able to update the client to future versions.

6 If you are *not* logged into the Windows workstation as an admin user, then the WorkFlows Java client will be installed in `C:\Documents and Settings\[name]\Sirsi\JWF`. Only users logged in under this user name will be able to access this client. Only these users will later be able to update this client to future versions.

7 If there are multiple non-admin users logging into the same workstation with different user names, each user can install his or her own copy of the WorkFlows Java client. Each login user will only see the Desktop icon for his or her own copy of the client, and each login user will only be able to update his or her own copy of the client.

After the install

Each time you start the WorkFlows Java client after it is installed, the client checks the `stamp` file on the SirsiDynix Symphony server to see if a newer version of the client is available. If a newer version is available, you are prompted to download the new client.

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