Sterling Selling and Fulfillment Suite

IBM

Applications Installation Guide

Release 9.1.0.3

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> **Note**
>
> Before using this information and the product it supports, read the information in "Notices" on page 99.

Contents

Chapter 1. Introduction to Application Installer

Application Installer is an installer that can be used to install multiple applications on either Windows, UNIX, or Linux environments. The applications that can be installed are:

- IBM® Sterling Call Center and IBM Sterling Store
- IBM Sterling Web
- IBM Sterling Field Sales

The installer enables you to install one or more applications from a single interface. You can use the installer to perform the following tasks:

- Fresh installation of an application
- Reinstallation of an application
- Upgrade of an application to a later version

Along with the applications, the installer also installs add-ins, known as application add-ins. Application add-ins are common across the applications, and are installed in the background when an application is installed. Because the add-ins are common across the applications, they are installed only once, irrespective of the number of applications selected for installation.

Application add-ins consist of the following components:

- Channel Application Manager
- API
- DB Layer
- Factory Setup

During installation, the `Installed_product_info.properties` file, which is located in the `<Install_Dir>`, is used to verify if the applications have already been installed, and determine if the installation is a fresh install, reinstall, or an upgrade from an earlier version.

If you select all the applications for installation, it is verified if the earlier version of any of the selected applications is installed. This information is available in the `Installed_products_info.properties` file, that is created when the installer is run. This file is modified after every successful installation. If the earlier version of an application is found, a message is displayed asking you to confirm whether you want to upgrade to the latest version.

When installing multiple applications, if the installation of one application fails, the installer logs the failure and continues with the installation of the other applications. The installer maintains separate log files for each application. At the end of the installation, the Summary screen displays the list of applications that have been successfully installed, and the applications that have failed to be installed in the GUI-based or text-based installation.

Chapter 2. System Requirements

The minimum system requirements for installing or upgrading the applications is same as the system requirements for the IBM Sterling Selling and Fulfillment Foundation. For more information about the system requirements, refer to the *Sterling Selling and Fulfillment Foundation: System Requirements Guide*.

Before installing or upgrading the applications, ensure that you have installed IBM Sterling Selling and Fulfillment Foundation, Release 9.1.

Chapter 3. About Installing and Upgrading Applications Using the Application Installer

You can use the Application Installer to perform a fresh installation of an application or multiple applications, or upgrade an application to the latest version. When you are performing a fresh installation of multiple applications simultaneously, the system requirements and the procedure to install the applications are the same for all the applications. However, to deploy the individual applications, you must refer to the respective deployment guide.

Although you can perform a fresh installation of multiple applications simultaneously, you cannot perform a fresh installation of an application and an upgrade of another application simultaneously. For example, you cannot install IBM Sterling Web or IBM Sterling Field Sales, and upgrade IBM Sterling Call Center and IBM Sterling Store to Release 9.1 simultaneously. You must perform these tasks independently.

To upgrade an application to the latest version, refer to the respective upgrade guide.

Task List for Fresh Installation of an Application or Multiple Applications

In order to install an application, perform the sequential tasks as listed in the following table:

Task	Description	Refer to
1. Read the system requirements	To know the minimum software and hardware requirements, read the system requirements.	System Requirements
2. Select an operating system and install the application.	Depending on the operating system that you are using, you can install applications in either a graphical user interface (GUI) mode or a text-based mode. **Note:** On Windows, you can install applications in only a GUI mode.	• GUI-Based Installation of Applications on Windows • GUI-Based Installation of Applications on UNIX and Linux • Text-Based Installation of Applications on UNIX and Linux
3. Load the Activator Factory Setup Data	Depending on the operating system that you are using, you can load the activator factory setup for the applications.	• Load the Activator Factory Setup Data on Windows • Load the Activator Factory Setup Data on Unix or Linux

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Task	Description	Refer to
4. Load the Localized Factory Setup Data	After you have localized the factory setup data, you have to load this data so that the applications can use the localized data in the application user interface. Depending on the operating system that you are using, run the appropriate ant script to load the localized factory setup data. **Note:** To load the localized factory setup data, you must have the language pack.	• Load the Localized Factory Setup Data for IBM Sterling Call Center and IBM Sterling Store on Windows • Load the Localized Factory Setup Data for IBM Sterling Call Center and IBM Sterling Store on Unix or Linux • Load the Localized Factory Setup Data for IBM Sterling Web on Windows • Load the Localized Factory Setup Data for IBM Sterling Web on Unix or Linux • Load the Localized Factory Setup Data for IBM Sterling Field Sales on Windows • Load the Localized Factory Setup Data for IBM Sterling Field Sales on Unix or Linux
5. Install Reference Implementation	Reference Implementation consists of data that can be used to demonstrate the functionality of applications. Depending on the operating system that you are using, run the appropriate ant scripts to install reference implementation.	• Refer to the relevant topics in this guide for more information about installing the reference implementation data.
6. Deploy the application.	After installing the application, ensure that you perform certain configurations in order to deploy the application.	• *For* IBM Sterling Call Center and IBM Sterling Store*:* *Sterling Call Center and Sterling Store: Deployment Guide* • For IBM Sterling Web: *Sterling Web: Deployment Guide* • For IBM Sterling Field Sales: *Sterling Field Sales: Deployment Guide*

Chapter 4. GUI-Based Installation of Applications on Windows

About this task

You can install the applications through a graphical user interface (GUI) on Windows.

Note: The instructions provided here assume that you have received an installation CD. However, if you have downloaded applications from the Electronic Software Distribution (ESD) portal, extract the downloaded files to an empty directory. The directory containing the extracted files functions as an electronic image of the corresponding installation CDs. Use this directory wherever references are made to installation CD in the instructions provided in this section. If you are not using an installation CD, ignore the instructions, if any, to place the installation CD in a drive.

To install the applications through GUI on Windows:

Procedure

1. Close all the open Windows programs and command prompt windows.
2. Place the corresponding applications' installation CD in the appropriate drive.
3. From the installation CD, copy the `SCIInstallWizard.jar`, `COM.jar`, `SWC.jar`, `SFS.jar`, `SOP.jar`, and `SOP_Add-in.jar` files to the designated directory, and navigate to that directory.

   Notes:
   - The directory in which you copy these files should not be the same as the directory in which the IBM Sterling Selling and Fulfillment Foundation is installed.
   - Irrespective of whether you want to install one application or multiple applications, ensure that you copy all the jar files from the installation CD to the designated directory.
4. Enter the following command from the directory in which the `SCIInstallWizard.jar` resides:

   `<JAVA_HOME>/bin/java -Xmx512m -jar SCIInstallWizard.jar`

   The Application Installer dialog box is displayed.
5. Click **Next**.

   The License Conditions dialog box is displayed.
6. Review the license agreement and click **Accept** to accept the terms.

   The Existing IBM Sterling Selling and Fulfillment Foundation Folder dialog box is displayed.
7. Enter the name of the folder in which the IBM Sterling Selling and Fulfillment Foundation is installed, or click **Select Folder** and browse to select the folder in which the IBM Sterling Selling and Fulfillment Foundation is installed. This directory is referred to as `<INSTALL_DIR>` in subsequent prompts.
8. Click **Next**.

   The Confirming Input Information dialog box is displayed.
9. Confirm that you have selected the correct folder and click **Next**. To select another folder, click **Back**, and repeat step 7 and step 8.

Note: The Application Installer validates the version of IBM Sterling Selling and Fulfillment Foundation that is installed. If the version that is installed is supported by the Installer, the next screen is displayed. The `Installed_products_info.properties`, which is located in the `<Install_Dir>`, file is used to validate the version of IBM Sterling Selling and Fulfillment Foundation.

The Please select the Applications to be installed dialog box is displayed.

10. Perform the following steps:

    • To only install or upgrade IBM Sterling Call Center and IBM Sterling Store, select the **IBM Sterling Call Center and IBM Sterling Store V9.1** check box, and click **Next**.

    • To only install or upgrade IBM Sterling Web, select the **IBM Sterling Web V9.1** check box, and click **Next**.

    • To only install or upgrade IBM Sterling Field Sales, select the **IBM Sterling Field Sales V9.1** check box, and click **Next**.

    • To install reference implementation, select the **Sterling Reference Implementation V9.1** check box, and click **Next**.

      Notes:

    • To install or upgrade multiple applications, select the corresponding check boxes, and click **Next**.

    • Although you can perform a fresh installation of multiple applications simultaneously, you cannot perform a fresh installation of an application and an upgrade of another application simultaneously. For example, you cannot install IBM Sterling Web or IBM Sterling Field Sales, and upgrade IBM Sterling Call Center and IBM Sterling Store to Release 9.1 simultaneously. You must perform these tasks independently.

    • If you have selected the **Sterling Reference Implementation V9.1** check box, the files required to run the reference implementation factory setup are installed. For more information about running the reference implementation factory setup, refer to Introduction to Installing Reference Implementation.

11. In the Installation Summary dialog box that is displayed, view the summary, and click **Next**. To modify application or applications that you have selected for the installation, click **Back** and repeat step 10.

    Notes:

    • If you install an application that has already been installed, the "*Selected application is already installed. Do you want to continue?*" message is displayed. Click **Yes** to close the message and continue with the installation of the latest version of the corresponding application. Click **No** to close the message and return to the Installation Summary dialog box.

    • The Installer adds an entry, `<application>_Version=<installed version number>` in the `Installed_products_info.properties` file, which is located in the `<Install_Dir>`, only after the application installation is successful.

    • During the upgrade of an application to the latest version, the installed application's version from the `Installed_products_info.properties` file is validated, and the "*It is upgrading to the new version*" message is displayed.

    • The Application_AddIn version is also validated, and upgraded, if required.

      The Installation Progress dialog box is displayed.

12. Click **Install** to proceed with the installation. If you want to view detailed information about the progress of the installation, click **Show Details**.

    Note:

Note: The installation of the application fails if the installation of the Application_AddIn fails.

A message containing the status of the installed application is displayed.

13. After the installation is complete, click **Exit**.

For specific information about the installation, view the log files generated during the installation.

- For IBM Sterling Call Center and IBM Sterling Store, you can view the <INSTALL_ DIR>/COM_PreInstallSI.log file.
- For IBM Sterling Web, you can view the <INSTALL_ DIR>/ SWC_PreInstallSI.log file.
- For IBM Sterling Field Sales, you can view the <INSTALL_ DIR>/SFS_PreInstallSI.log file.
- ForIBM Sterling Store Inventory Management you can view the <INSTALL_ DIR>/SOP_PreInstallSI.logfile and <INSTALL_ DIR>/ SOP_Addin_PreInstallSI.logfile.

You can also view the <INSTALL_ DIR>/Application_PreInstallSI.log file that is common to all the applications.

Chapter 5. GUI-Based Installation of Applications on UNIX and Linux

About this task

Using the graphical user interface (GUI) in an X Windows client, you can install applications on a UNIX or Linux environment from a command line.

Note: The instructions provided here assume that you have received an installation CD. However, if you have downloaded applications from the Electronic Software Distribution (ESD) portal, extract the downloaded files to an empty directory. The directory containing the extracted files functions as an electronic image of the corresponding installation CDs. Use this directory wherever references are made to installation CD in the instructions provided in this section. If you are not using an installation CD, ignore the instructions, if any, to place the installation CD in a drive.

To install applications on UNIX or Linux through GUI:

Procedure

1. Place the corresponding applications' installation CD in the appropriate drive.
2. From the installation CD, copy the `SCIInstallWizard.jar`, `COM.jar`, `SWC.jar`, `SFS.jar`, `SOP.jar`, and `SOP_Add-in.jar` files to the designated directory, and navigate to that directory.

   Notes:

   - The directory in which you copy these files should not be the same as the directory in which the IBM Sterling Selling and Fulfillment Foundation is installed.
   - Irrespective of whether you want to install one application or multiple applications, ensure that you copy all the jar files from the installation CD to the designated directory.

     If you are using FTP to copy the files, verify that your session is set to binary mode.
3. Log in to a Microsoft Windows machine.
   a. Use a connectivity client to connect to your UNIX or Linux account.
   b. Use the following command to set the display to use your X server as a client (or the appropriate Display identifier): `export DISPLAY=<server>:0.0`
4. Enter the following command from the directory where the `SCIInstallWizard.jar` resides:
   `<JAVA_HOME>/bin/java -Xmx512m -jar SCIInstallWizard.jar`

   Note: On Linux, do not use any soft or symbolic links in the path to the JAR file. Ensure that you specify the complete path to the JAR file.

   The Application Installer dialog box is displayed.
5. Click **Next**.

   The License Conditions dialog box is displayed.
6. Review the license agreement and click **Accept** to accept the terms.

   The Existing IBM Sterling Selling and Fulfillment Foundation Folder dialog box is displayed.

7. Enter the name of the folder in which the IBM Sterling Selling and Fulfillment Foundation is installed, or click **Select Folder** and browse to the folder in which the IBM Sterling Selling and Fulfillment Foundation is installed. This directory is referred to as `<INSTALL_DIR>` in subsequent prompts.

8. Click **Next**.

   The Confirming Input Information dialog box is displayed.

9. Confirm that you have selected the correct folder and click **Next**. To select another folder, click **Back**, and repeat step 7 and step 8.

   Note:

   The Application Installer validates the version of IBM Sterling Selling and Fulfillment Foundation that is installed. If the version that is installed is supported by the Installer, the next screen is displayed. The `Installed_products_info.properties` file, which is located in the `<Install_Dir>`, is used to validate the version of IBM Sterling Selling and Fulfillment Foundation.

   The Please select the Applications to be installed dialog box is displayed.

10. Perform the following steps:
    - To only install or upgrade IBM Sterling Call Center and IBM Sterling Store, select the **IBM Sterling Call Center and IBM Sterling Store V9.1** check box, and click **Next**.
    - To only install or upgrade IBM Sterling Web, select the **IBM Sterling Web V9.1** check box, and click **Next**.
    - To only install or upgrade IBM Sterling Field Sales, select the **IBM Sterling Field Sales V9.1** check box, and click **Next**.
    - To install reference implementation, select the **Sterling Reference Implementation V9.1** check box, and click **Next**.
      Notes:
    - To install or upgrade multiple applications, select the corresponding check boxes, and click **Next**.
    - Although you can perform a fresh installation of multiple applications simultaneously, you cannot perform a fresh installation of an application and an upgrade of another application simultaneously. For example, you cannot install IBM Sterling Web or IBM Sterling Field Sales, and upgrade IBM Sterling Call Center and IBM Sterling Store to Release 9.1 simultaneously. You must perform these tasks independently.
    - If you have selected the **Sterling Reference Implementation V9.1** check box, the files required to run the reference implementation factory setup are installed. For more information about running the reference implementation factory setup, refer to Introduction to Installing Reference Implementation.

11. In the Installation Summary dialog box that is displayed, view the summary, and click **Next**. To modify application or applications that you have selected for installation, click **Back** and repeat step 10.

    Notes:
    - If you install an application that has already been installed, the "*Selected application is already installed. Do you want to continue?*" message is displayed. Click **Yes** to close the message and continue with the installation of the latest version of the corresponding application. Click **No t**o close the message and return to the Installation Summary dialog box.

- The Installer adds an entry, `<application>_Version=<installed version number>` in the `Installed_products_info.properties` file, which is located in the `<Install_Dir>`, only after the application installation is successful.
- During the upgrade of an application to the latest version, the installed application's version from the `Installed_products_info.properties` file is validated, and the "*It is upgrading to the new version*" message is displayed.
- The Application_AddIn version is also validated, and upgraded, if required.

  The Installation Progress dialog box is displayed.

12. Click **Install** to proceed with the installation. If you want to view detailed information about the progress of the installation, click **Show Details**.

   Note:

   Note: The installation of the application fails if the installation of the Application_AddIn fails.

   A message containing the status of the installed application is displayed.

13. After the installation is complete, click **Exit**.

   For specific information about the installation, view the log files generated during the installation.
   - For IBM Sterling Call Center and IBM Sterling Store, you can view the `<INSTALL_ DIR>/COM_PreInstallSI.log` file.
   - For IBM Sterling Web, you can view the `<INSTALL_ DIR>/SWC_PreInstallSI.log` file.
   - For IBM Sterling Field Sales, you can view the `<INSTALL_ DIR>/SFS_PreInstallSI.log` file.
   - For IBM Sterling Store Inventory Management, you can view the `<INSTALL_DIR>/SOP_PreInstallSI.log` file and `<INSTALL_ DIR>/SOP_Addin_PreInstallSI.log` file.

   You can also view the `<INSTALL_ DIR>/Application_PreInstallSI.log` file that is common to all the applications.

Chapter 6. Text-Based Installation of Applications on UNIX and Linux

About this task

Using a text-based interface, you can install applications on a UNIX or Linux environment from a command line.

Note: The instructions provided here assume that you have received an installation CD. However, if you have downloaded applications from the Electronic Software Distribution (ESD) portal, extract the downloaded files to an empty directory. The directory containing the extracted files functions as an electronic image of the corresponding installation CDs. Use this directory wherever references are made to installation CD in the instructions provided in this section. If you are not using an installation CD, ignore the instructions, if any, to place the installation CD in a drive.

To install the applications on UNIX or Linux using a text-based interface:

Procedure

1. Place the IBM Sterling Call Center and IBM Sterling Store installation CD in the appropriate drive.
2. From the installation CD, copy the `SCIInstallWizard.jar`, `COM.jar`, `SWC.jar`, `SFS.jar`, `SOP.jar`, and `SOP_Add-in.jar` files to the designated directory, and navigate to that directory.

   Notes:

   - The directory in which you copy these files should not be the same as the directory in which the IBM Sterling Selling and Fulfillment Foundation is installed.

   - Irrespective of whether you want to install one application or multiple applications, ensure that you copy all the jar files from the installation CD to the designated directory.

     If you are using FTP to copy the files, verify that your session is set to binary mode.
3. Enter the following command from the directory in which the `SCIInstallWizard.jar` resides:

   `<JAVA_HOME>/bin/java -Xmx512m -jar SCIInstallWizard.jar`
4. When the "*Welcome to the Sterling Application Installer v9.1 Installer*" message is displayed, press **Enter**.
5. At the "*Press Enter to view the license agreement*" prompt, press **Enter**.

   The first page of the license agreement is displayed.
6. Type **N** to view the next page of the agreement, or go directly to the end of the agreement by pressing any other key. After the last page of the license agreement is displayed, the prompt "*Do you accept the license? Y or N*" is displayed. Press **Y** for yes, **N** for no.
7. Enter the name of the folder in which the IBM Sterling Selling and Fulfillment Foundation is installed. This directory is referred to as `<INSTALL_DIR>` in subsequent prompts. After entering the folder name, press **Enter**.
8. The installation path is displayed. Press **Enter** to confirm the selected folder.

The installation process starts.

Note:

The Application Installer validates the version of IBM Sterling Selling and Fulfillment Foundation that is installed. If the version that is installed is supported by the Installer, the next screen is displayed. The `Installed_products_info.properties` file, which is located in the `<Install_Dir>`, is used to validate the version of IBM Sterling Selling and Fulfillment Foundation.

9. The list of installation and upgrade options are displayed sequentially. Enter **true** to install and/or upgrade the required application.

10. Press **Enter**.

11. Repeat steps 9 and 10 if you are installing and/or upgrading multiple applications. You can also install reference implementation by repeating step 9 and step 10.

    Notes:

    - You must select at least one application to proceed to the next step.
    - Although you can perform a fresh installation of multiple applications simultaneously, you cannot perform a fresh installation of an application and an upgrade of another application simultaneously. For example, you cannot install IBM Sterling Web or IBM Sterling Field Sales, and upgrade IBM Sterling Call Center and IBM Sterling Store to Release 9.1 simultaneously. You must perform these tasks independently.
    - If you have installed reference implementation, the files required to run the reference implementation factory setup are installed. For more information about running the reference implementation factory setup, refer to "Introduction to Installing Reference Implementation".

12. The install and/or upgrade summary is displayed. Press **Enter** to continue.

    Notes:

    - If you install an application that has already been installed, the "*Selected application is already installed. Do you want to continue?*" message is displayed. Enter **true** to continue with the installation of the latest version of the corresponding application. Enter **false** to return to the installation summary.
    - The Installer adds an entry, `<application>_Version=<installed version number>` in the `Installed_products_info.properties` file, which is located in the `<Install_Dir>`, only after the application installation is successful.
    - During the upgrade of an application to the latest version, the installed application's version from the `Installed_products_info.properties` file is validated, and the "*It is upgrading to the new version*" message is displayed.
    - The Application_AddIn version is also validated, and upgraded, if required.

13. After the install and/or upgrade is completed, press **Enter** to exit.

    For specific information about the installation, view the log files generated during the installation.

    - For IBM Sterling Call Center and IBM Sterling Store, you can view the `<INSTALL_ DIR>/COM_PreInstallSI.log` file.
    - For IBM Sterling Web, you can view the `<INSTALL_ DIR>/ SWC_PreInstallSI.log` file.
    - For IBM Sterling Field Sales, you can view the `<INSTALL_ DIR>/SFS_PreInstallSI.log` file.

- For IBM Sterling Store Inventory Management, `<INSTALL_DIR>/` `SOP_PreInstallSI.log` file and `<INSTALL_DIR>/SOP_Addin_PreInstallSI.log` file.

You can also view the `<INSTALL_ DIR>/Application_PreInstallSI.log` file that is common to all the applications.

Chapter 7. Load the Activator Factory Setup Data on Windows

You can load the factory setup data in the Activated mode. In this mode, the factory setup is activated, which may override the factory setup that you have already configured in IBM Sterling Selling and Fulfillment Foundation. This topic describes the steps to load the activator factory setup data for IBM Sterling Call Center, IBM Sterling Store, IBM Sterling Web, and IBM Sterling Field Sales.

Load the Activator Factory Setup Data for IBM Sterling Call Center, IBM Sterling Web, and IBM Sterling Field Sales on Windows

About this task

To load the factory defaults in the Activated mode:

Procedure

1. Ensure that the path to the Java executable is in your system path.
2. Ensure that your <INSTALL_DIR> environment variable is setup correctly.
3. Load the factory defaults in the Activated mode by executing the following ant script from the <INSTALL_DIR>/bin directory.

   `.\sci_ant.cmd -f ycd_load_defaults.xml install -logfile <logfile>`

   The script activates the event handlers and user exit implementations.

   This step also includes the validation of the existing data to ensure that the applications do not overwrite any existing configuration. If the validation fails, the script exits without activating the event handlers and user exit implementations. An error message containing information about the existing configuration that might get overwritten is then displayed.

   To override this validation, run the following ant script:

   `.\sci_ant.cmd -f ycd_load_defaults.xml overrideinstall -logfile <logfile>`

   To install the factory defaults without overriding the validation, run the following ant script:

   `.\sci_ant.cmd -f ycd_load_defaults.xml -logfile <logfile>`

   To install only the non-conflicting activator data, run the following ant script:

   `.\sci_ant.cmd -f ycd_load_defaults.xml nonconflictinginstall -logfile <logfile>`

Load the Activator Factory Setup Data for IBM Sterling Store

About this task

To load the factory defaults in the activated mode:

Procedure

1. Ensure that the path to the Java executable is in your system path.
2. Ensure that your <INSTALL_DIR> environment variable is setup correctly.
3. Load the factory defaults in the Activated mode by executing the following ant script from the <INSTALL_DIR>/bin directory.

   `.\sci_ant.cmd -f ycd_som_load_defaults.xml install -logfile <logfile>`

   The script activates the event handlers and user exit implementations.

This step also includes the validation of the existing data to ensure that the applications do not overwrite any existing configuration. If the validation fails, the script exits without activating the event handlers and user exit implementations. An error message containing information about the existing configuration that might get overwritten is then displayed.

To override this validation, run the following ant script:

```
.\sci_ant.cmd -f ycd_som_load_defaults.xml overrideinstall -logfile <logfile>
```

To install the factory defaults without overriding the validation, run the following ant script:

```
.\sci_ant.cmd -f ycd_som_load_defaults.xml -logfile <logfile>
```

To install only the non-conflicting activator data, run the following ant script:

```
.\sci_ant.cmd -f ycd_som_load_defaults.xml nonconflictinginstall -logfile <logfile>
```

Load the Activator Factory Setup Data for IBM Sterling Store Inventory Management

About this task

To load the factory defaults in the activated mode:

Procedure

1. Ensure that the path to the Java executable is in your system path.
2. Ensure that your <INSTALL_DIR> environment variable is setup correctly.
3. Load the factory defaults in the Activated mode by executing the following ant script from the <INSTALL_DIR>/bin directory.

   ```
   sci_ant.cmd -f sop_load_defaults.xml -logfile <logfile>
   ```

   The script activates the event handlers and user exit implementations.

Chapter 8. Load the Activator Factory Setup Data on Unix or Linux

You can load the factory setup data in the Activated mode. In this mode, the factory setup is activated, which may override the factory setup that you have already configured in IBM Sterling Selling and Fulfillment Foundation. This topic describes the steps to load the activator factory setup data for IBM Sterling Call Center, IBM Sterling Store, IBM Sterling Web, and IBM Sterling Field Sales.

Load the Activator Factory Setup Data for IBM Sterling Call Center, IBM Sterling Web, and IBM Sterling Field Sales

About this task

To load the factory defaults in the Activated mode:

Procedure

1. Ensure that the path to the Java executable is in your system path.
2. Ensure that your <INSTALL_DIR> environment variable is setup correctly.
3. Load the factory defaults in the Activated mode by executing the following ant script from the <INSTALL_DIR>/bin directory.

   `./sci_ant.sh -f ycd_load_defaults.xml install -logfile <logfile>`

   The script activates the event handlers and user exit implementations.

   This step also includes the validation of the existing data to ensure that the applications do not overwrite any existing configuration. If the validation fails, the script exits without activating the event handlers and user exit implementations. An error message containing information about the existing configuration that might get overwritten is then displayed.

   To override this validation, run the following ant script:

   `./sci_ant.sh -f ycd_load_defaults.xml overrideinstall -logfile <logfile>`

   To install the factory defaults without overriding the validation, run the following ant script:

   `./sci_ant.sh -f ycd_load_defaults.xml -logfile <logfile>`

   To install only the non-conflicting activator data, run the following ant script:

   `./sci_ant.sh -f ycd_load_defaults.xml nonconflictinginstall -logfile <logfile>`

Load the Activator Factory Setup Data for IBM Sterling Store

About this task

To load the factory defaults in the activated mode:

Procedure

1. Ensure that the path to the Java executable is in your system path.
2. Ensure that your <INSTALL_DIR> environment variable is setup correctly.
3. Load the factory defaults in the Activated mode by executing the following ant script from the <INSTALL_DIR>/bin directory.

   `./sci_ant.sh -f ycd_som_load_defaults.xml install -logfile <logfile>`

The script activates the event handlers and user exit implementations.

This step also includes the validation of the existing data to ensure that the applications do not overwrite any existing configuration. If the validation fails, the script exits without activating the event handlers and user exit implementations. An error message containing information about the existing configuration that might get overwritten is then displayed.

To override this validation, run the following ant script:

`./sci_ant.sh -f ycd_load_defaults.xml overrideinstall -logfile <logfile>`

To install the factory defaults without overriding the validation, run the following ant script:

`./sci_ant.sh -f ycd_load_defaults.xml -logfile <logfile>`

To install only the non-conflicting activator data, run the following ant script:

`./sci_ant.sh -f ycd_load_defaults.xml nonconflictinginstall -logfile <logfile>`

Load the Activator Factory Setup Data for IBM Sterling Store Inventory Management

About this task

To load the factory defaults in the activated mode:

Procedure

1. Ensure that the path to the Java executable is in your system path.
2. Ensure that your `<INSTALL_DIR>` environment variable is setup correctly.
3. Load the factory defaults in the Activated mode by executing the following ant script from the `<INSTALL_DIR>/bin` directory.

   `./sci_ant.sh -f sop_load_defaults.xml -logfile <logfile>`

   The script activates the event handlers and user exit implementations.

Chapter 9. Install the Applications Add-in Language Pack

The applications Add-in Language Pack is shipped along with the Sterling Selling and Fulfillment Foundation Language pack CD.

Before installing the applications language pack, ensure that you have installed the Sterling Selling and Fulfillment Foundation language pack. For more information about installing the Sterling Selling and Fulfillment Foundation language pack, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

To install the applications add-in language pack, extract the contents of the compressed language pack file into the `<INSTALL_DIR>`.

Note: If you install the add-in language pack for any one of the applications, it is recommended that you do not install it again.

Chapter 10. Install the IBM Sterling Call Center and IBM Sterling Store Language Pack on Windows

About this task

To install the Sterling Call Center and Sterling Store language pack on Windows, perform the following steps.

Procedure

1. Ensure that the applications add-in language pack is installed.
2. From the language pack CD, extract the contents of the compressed language pack file into the `<INSTALL_DIR>`.
3. Install the context-sensitive help language pack by running the following script from `<INSTALL_DIR>/bin`:

   `sci_ant.cmd -f csHelpUtil.xml -DlocaleCode=<LOCALE_CODE>`
4. Include the following property in the `customer_overrides.properties` file:

   `yfs.onlinehelp.path.overrideforlocale.<LOCALE_CODE>=/smcfsdocs/ yfscommon/online_help/<LOCALE_CODE>/`

   Here, `<LOCALE_CODE>` refers to [language_code]_[country_code]

   For more information about using the `customer_overrides.properties` file, refer to the *Sterling Selling and Fulfillment Foundation: Properties Guide*.

   Note: You must install the context-sensitive help language pack only after installing the language pack for all the applications.

Chapter 11. Install the IBM Sterling Call Center and IBM Sterling Store Language Pack on Unix or Linux

About this task

To install the Sterling Call Center and Sterling Store language pack on Unix or Linux, perform the following steps.

Procedure

1. Ensure that the applications add-in language pack is installed.
2. From the language pack CD, extract the contents of the compressed language pack file into the `<INSTALL_DIR>`.
3. Install the context-sensitive help language pack by running the following script from `<INSTALL_DIR>/bin`:

   `./sci_ant.sh -f csHelpUtil.xml -DlocaleCode=<LOCALE_CODE>`
4. Include the following property in the `customer_overrides.properties` file:

   `yfs.onlinehelp.path.overrideforlocale.<LOCALE_CODE>=/smcfsdocs/`
   `yfscommon/online_help/<LOCALE_CODE>/`

   Here, `<LOCALE_CODE>` refers to [language_code]_[country_code].

   For more information about using the `customer_overrides.properties` file, refer to the *Sterling Selling and Fulfillment Foundation: Properties Guide*.

   Note: Install the context-sensitive help language pack only after installing the language pack for all the applications.

Chapter 12. Load the Localized Factory Setup Data for IBM Sterling Call Center and IBM Sterling Store on Windows

Factory setup data includes configuration data, such as error codes, item descriptions, and so on. The database can be localized to store values in a language-specific format. This ensures that the user interface literals are displayed in the localized language. After you have localized the factory setup data, you have to load this data so that the applications can use the localized data in the application user interface.

Note: Ensure that you have localized the application before loading the localized factory setup data. For more information about localizing the application, see the *Sterling Call Center and Sterling Store: Localization Guide*

Loading the Localized Application Add-in Factory Setup Data for IBM Sterling Call Center and IBM Sterling Store on Windows

About this task

Note: If you have already loaded the localized Application Add-in factory setup data as part of Sterling Field Sales, Sterling Web, or Sterling Store Inventory Management, it is recommended that you do not again load the localized Application Add-in factory setup data for Sterling Call Center and Sterling Store.

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
sci_ant.cmd -f localizedstringreconciler.xml import
-Dbasefilename=ycdfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM_Add-in/XMLS
-Dvariablefilename=resources/ycd_fc_variable.properties
```

Loading the Localized IBM Sterling Call Center and IBM Sterling Store Factory Setup Data on Windows

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
sci_ant.cmd -f localizedstringreconciler.xml import -Dbasefilename=
ycdfcpcaliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM/XMLS
```

Creating the Resource JAR File

About this task

To create the resource JAR, run `<INSTALL_DIR>/bin/deployer.cmd -t resourcejar` command:

After creating the resources JAR, re-create the EAR file. This file is the Sterling Selling and Fulfillment Foundation EAR package. For more information about creating and deploying the EAR file, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Note: After installing the language pack, ensure to re-create the resource JAR file and the EAR file.

Chapter 13. Load the Localized Factory Setup Data for IBM Sterling Call Center and IBM Sterling Store on Unix or Linux

Factory setup data includes configuration data, such as error codes, item descriptions, and so on. The database can be localized to store values in a language-specific format. This ensures that the user interface literals are displayed in the localized language. After you have localized the factory setup data, you have to load this data so that the applications can use the localized data in the application user interface.

Note: Ensure that you have localized the application before loading the localized factory setup data. For more information about localizing the application, see the *Sterling Call Center and Sterling Store: Localization Guide*.

Loading the Localized Application Add-in Factory Setup Data for IBM Sterling Call Center and IBM Sterling Store on Unix or Linux

About this task

Note: Note: If you have already loaded the localized Application Add-in factory setup data as part of Sterling Field Sales, Sterling Web, or Sterling Store Inventory Management, it is recommended that you do not again load the localized Application Add-in factory setup data for Sterling Call Center and Sterling Store.

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
./sci_ant.sh -f localizedstringreconciler.xml import
-Dbasefilename=ycdfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM_Add-in/XMLS
-Dvariablefilename=resources/ycd_fc_variable.properties
```

Loading the Localized Factory Setup Data on Unix or Linux

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
./sci_ant.sh -f localizedstringreconciler.xml import
-Dbasefilename= ycdfcpcaliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM/XMLS
```

Creating the Resource JAR File

About this task

To create the resource JAR, run `<INSTALL_DIR>/bin/deployer.sh -t resourcejar` command:

After creating the resources JAR, re-create the EAR file. This file is the Sterling Selling and Fulfillment Foundation EAR package. For more information about creating and deploying the EAR file, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Note: After installing the language pack, ensure to re-create the resource JAR file and the EAR file.

Chapter 14. Recreate the IBM Sterling Call Center Client Application

About this task

For information about how to create the Sterling Call Center client application, refer to the *Sterling Call Center and Sterling Store: Deployment Guide*.

For each language pack, perform the following steps:

Procedure

1. Create a copy of the `com.zip` file.
2. Copy the `com.ini.sample` file to `com.ini` file.
3. In the `com.ini` file, modify the -nl entry from en_US to `<language>_<country>`. For example, French in France is represented as fr_FR.

Chapter 15. Recreate the IBM Sterling Store Client Application

About this task

For information about how to create the Sterling Store client application, refer to the *Sterling Call Center and Sterling Store: Deployment Guide*.

For each language pack, perform the following steps:

Procedure

1. Create a copy of the `som.zip` file.
2. Copy the `som.ini.sample` file to `som.ini` file.
3. In the `som.ini` file, modify the -nl entry from en_US to `<language>_<country>`. For example, French in France is represented as fr_FR.

Chapter 16. Install the IBM Sterling Web Language Pack

About this task

To install the Sterling Web language pack, perform the following steps:

Procedure

1. Ensure that the applications add-in language pack is installed.
2. Create the `<INSTALL_DIR>/installed_data/swc/components/complete_installation/factorysetup/XMLS/<language>_<country>` folder, and from the language pack CD copy the `*.properties` file into this folder.
3. Copy the jar file into a temporary location and install it by running the appropriate command from the `<INSTALL_DIR>/bin` folder.
   - Run the following command to install the jar file on Windows: `install3rdParty.cmd`.
   - Run the following command to install the jar file on Unix or Linux: `install3rdParty.sh`.

   For more information about installing the third-party jar files, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Chapter 17. Load the Localized Factory Setup Data for IBM Sterling Web on Windows

Factory setup data includes configuration data, such as error codes, item descriptions, and so on. The database can be localized to store values in a language-specific format. This ensures that the user interface literals are displayed in the localized language. After you have localized the factory setup data, you have to load this data so that the applications can use the localized data in the application user interface.

Note: Ensure that you have localized the application before loading the localized factory setup data. For more information about localizing the application, see the *Sterling Web: Localization Guide*.

Loading the Localized Application Add-in Factory Setup Data for IBM Sterling Web on Windows

About this task

Note: If you have already loaded the localized Application Add-in factory setup data as part of Sterling Field Sales, Sterling Call Center and Sterling Store, or Sterling Store Inventory Management, it is recommended that you do not again load the localized Application Add-in factory setup data for Sterling Web.

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
sci_ant.cmd -f localizedstringreconciler.xml import
-Dbasefilename=ycdfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM_Add-in/XMLS
-Dvariablefilename=resources/ycd_fc_variable.properties
```

Loading the Localized IBM Sterling Web Factory Setup Data for Windows

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
sci_ant.cmd -f localizedstringreconciler.xml import
-Dsrc=<INSTALL_DIR>/installed_data/swc/components/complete_installation/factorysetup/XMLS/
<language>_<country or region>
-Dbasefilename=swcfclocalizedstrings
```

Creating the Resource JAR File

About this task

To create the resource JAR, run the `<INSTALL_DIR>/bin/deployer.cmd -t resourcejar` command. After creating the resources JAR, re-create the EAR file. This file is the Sterling Selling and Fulfillment Foundation EAR package. For more

information about creating and deploying the EAR file, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Chapter 18. Load the Localized Factory Setup Data for IBM Sterling Web on Unix or Linux

Factory setup data includes configuration data, such as error codes, item descriptions, and so on. The database can be localized to store values in a language-specific format. This ensures that the user interface literals are displayed in the localized language. After you have localized the factory setup data, you have to load this data so that the applications can use the localized data in the application user interface.

Note: Ensure that you have localized the application before loading the localized factory setup data. For more information about localizing the application, see the *Sterling Web: Localization Guide*.

Loading the Localized Application Add-in Factory Setup Data for IBM Sterling Web on Unix or Linux

About this task

Note: If you have already loaded the localized Application Add-in factory setup data as part of Sterling Field Sales, Sterling Call Center and Sterling Store, or Sterling Store Inventory Management, it is recommended that you do not again load the localized Application Add-in factory setup data for Sterling Web.

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
./sci_ant.sh -f localizedstringreconciler.xml import
-Dbasefilename=ycdfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM_Add-in/XMLS
-Dvariablefilename=resources/ycd_fc_variable.properties
```

Loading the Localized IBM Sterling Web Factory Setup Data for Unix or Linux

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
./sci_ant.sh -f localizedstringreconciler.xml import
-Dsrc=<INSTALL_DIR>/installed_data/swc/components/complete_installation/factorysetup/XMLS/
<language>_<country or region>
-Dbasefilename=swcfclocalizedstrings
```

Creating the Resource JAR File

About this task

To create the resource JAR, run the `<INSTALL_DIR>/bin/deployer.sh -t resourcejar` command. After creating the resources JAR, re-create the EAR file. This file is the Sterling Selling and Fulfillment Foundation EAR package. For more

information about creating and deploying the EAR file, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Chapter 19. Install the IBM Sterling Field Sales Language Pack on Windows

About this task

To install the Sterling Call Center and Sterling Store language pack on Windows, perform the following steps.

Procedure

1. Ensure that the applications add-in language pack is installed.
2. From the language pack CD, extract the contents of the compressed language pack file into the `<INSTALL_DIR>`.
3. Install the context-sensitive help language pack by running the following script from `<INSTALL_DIR>/bin`:

   ```
   sci_ant.cmd -f csHelpUtil.xml -DlocaleCode=<LOCALE_CODE>
   ```
4. Include the following property in the `customer_overrides.properties` file:

   ```
   yfs.onlinehelp.path.overrideforlocale.<LOCALE_CODE>=/smcfsdocs/
   yfscommon/online_help/<LOCALE_CODE>/
   ```

   Here, `<LOCALE_CODE>` refers to [language_code]_[country_code]

   For more information about using the `customer_overrides.properties` file, refer to the *Sterling Selling and Fulfillment Foundation: Properties Guide*.

   Note: You must install the context-sensitive help language pack only after installing the language pack for all the applications.

Chapter 20. Install the IBM Sterling Field Sales Language Pack on Unix or Linux

About this task

To install the IBM Sterling Field Sales language pack on Unix or Linux, perform the following steps.

Procedure

1. Ensure that the applications add-in language pack is installed.
2. From the language pack CD, extract the contents of the compressed language pack file into the `<INSTALL_DIR>`.
3. Install the context-sensitive help language pack by running the following script from `<INSTALL_DIR>/bin`:

   `./sci_ant.sh -f csHelpUtil.xml -DlocaleCode=<LOCALE_CODE>`
4. Include the following property in the `customer_overrides.properties` file:

   `yfs.onlinehelp.path.overrideforlocale.<LOCALE_CODE>=/smcfsdocs/
   yfscommon/online_help/<LOCALE_CODE>/`

   Here, `<LOCALE_CODE>` refers to [language_code]_[country_code]

   For more information about using the `customer_overrides.properties` file, refer to the *Sterling Selling and Fulfillment Foundation: Properties Guide*.

   Note: You must install the context-sensitive help language pack only after installing the language pack for all the applications.

Chapter 21. Load the Localized Factory Setup Data for IBM Sterling Field Sales on Windows

Factory setup data includes configuration data, such as error codes, item descriptions, and so on. The database can be localized to store values in a language-specific format. This ensures that the user interface literals are displayed in the localized language. After you have localized the factory setup data, you have to load this data so that the applications can use the localized data in the application user interface.

Note: Ensure that you have localized the application before loading the localized factory setup data. For more information about localizing the application, see the *Sterling Field Sales: Localization Guide*.

Loading the Localized Application Add-in Factory Setup Data for IBM Sterling Field Sales on Windows

About this task

Note: If you have already loaded the localized Application Add-in factory setup data as part of Sterling Web, Sterling Call Center and Sterling Store, or Sterling Store Inventory Management, it is recommended that you do not again load the localized Application Add-in factory setup data for Sterling Field Sales.

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
sci_ant.cmd -f localizedstringreconciler.xml import
-Dbasefilename=ycdfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM_Add-in/XMLS
-Dvariablefilename=resources/ycd_fc_variable.properties
```

Loading the Localized IBM Sterling Field Sales Factory Setup Data for Windows

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
sci_ant.cmd -f localizedstringreconciler.xml import
-Dbasefilename=sfsliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/sfs/XMLS
```

Creating the Resource JAR File

About this task

To create the resource JAR, run `<INSTALL_DIR>/bin/deployer.cmd -t resourcejar` command:

After creating the resources JAR, re-create the EAR file. This file is the Sterling Selling and Fulfillment Foundation EAR package. For more information about creating and deploying the EAR file, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Note: After installing the language pack, ensure to re-create the resource JAR file and the EAR file.

Chapter 22. Load the Localized Factory Setup Data for IBM Sterling Field Sales on Unix or Linux

Factory setup data includes configuration data, such as error codes, item descriptions, and so on. The database can be localized to store values in a language-specific format. This ensures that the user interface literals are displayed in the localized language. After you have localized the factory setup data, you have to load this data so that the applications can use the localized data in the application user interface.

Note: Ensure that you have localized the application before loading the localized factory setup data. For more information about localizing the application, see the *Sterling Field Sales: Localization Guide*.

Loading the Localized Application Add-in Factory Setup Data for IBM Sterling Field Sales on Unix or Linux

About this task

Note: If you have already loaded the localized Application Add-in factory setup data as part of Sterling Web, Sterling Call Center and Sterling Store, or Sterling Store Inventory Management, it is recommended that you do not again load the localized Application Add-in factory setup data for Sterling Field Sales.

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the <INSTALL_DIR>/bin directory as follows:

```
./sci_ant.sh -f localizedstringreconciler.xml import
-Dbasefilename=ycdfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM_Add-in/XMLS
-Dvariablefilename=resources/ycd_fc_variable.properties
```

Loading the Localized IBM Sterling Field Sales Factory Setup Data for Unix or Linux

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the <INSTALL_DIR>/bin directory as follows:

```
./sci_ant.sh -f localizedstringreconciler.xml import
-Dbasefilename=sfsliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/sfs/XMLS
```

Creating the Resource JAR File

About this task

To create the resource JAR, run <INSTALL_DIR>/bin/deployer.sh -t resourcejar command:

After creating the resources JAR, re-create the EAR file. This file is the Sterling Selling and Fulfillment Foundation EAR package. For more information about creating and deploying the EAR file, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Note: After installing the language pack, ensure to re-create the resource JAR file and the EAR file.

Chapter 23. Install the IBM Sterling Store Inventory Management Language Pack on Windows

About this task

To install the Sterling Store Inventory Management language pack on Unix or Linux, perform the following steps.

Procedure

1. Ensure that the applications add-in language pack is installed.
2. From the language pack CD, extract the contents of the compressed language pack file into the `<INSTALL_DIR>`.
3. Install the context-sensitive help language pack by running the following script from `<INSTALL_DIR>/bin`:

   `sci_ant.cmd -f csHelpUtil.xml -DlocaleCode=<LOCALE_CODE>`

4. Include the following property in the `customer_overrides.properties` file:

   `yfs.onlinehelp.path.overrideforlocale.<LOCALE_CODE>=/smcfsdocs/ yfscommon/online_help/<LOCALE_CODE>/`

   Here, `<LOCALE_CODE>` refers to [language_code]_[country_code]

   For more information about using the `customer_overrides.properties` file, refer to the *Sterling Selling and Fulfillment Foundation: Properties Guide*.

   Note: You must install the context-sensitive help language pack only after installing the language pack for all the applications.

Chapter 24. Install the IBM Sterling Store Inventory Management Language Pack on Unix or Linux

About this task

To install the Sterling Store Inventory Management language pack on Unix or Linux, perform the following steps.

Procedure

1. Ensure that the applications add-in language pack is installed.
2. From the language pack CD, extract the contents of the compressed language pack file into the `<INSTALL_DIR>`.
3. Install the context-sensitive help language pack by running the following script from `<INSTALL_DIR>/bin`:

   `./sci_ant.sh -f csHelpUtil.xml -DlocaleCode=<LOCALE_CODE>`

4. Include the following property in the `customer_overrides.properties` file:

   `yfs.onlinehelp.path.overrideforlocale.<LOCALE_CODE>=/smcfsdocs/`
   `yfscommon/online_help/<LOCALE_CODE>/`

   Here, `<LOCALE_CODE>` refers to [language_code]_[country_code]

   For more information about using the `customer_overrides.properties` file, refer to the *Sterling Selling and Fulfillment Foundation: Properties Guide*.

   Note: You must install the context-sensitive help language pack only after installing the language pack for all the applications.

Chapter 25. Load the Localized Factory Setup Data for IBM Sterling Store Inventory Management on Windows

Factory setup data includes configuration data, such as error codes, item descriptions, and so on. The database can be localized to store values in a language-specific format. This ensures that the user interface literals are displayed in the localized language. After you have localized the factory setup data, you have to load this data so that the applications can use the localized data in the application user interface.

Note: Ensure that you have localized the application before loading the localized factory setup data. For more information about localizing the application, see *Sterling Store Inventory Management: Localization Guide*

Loading the Localized Add-in Factory Setup Data for IBM Sterling Store Inventory Management on Windows

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
sci_ant.cmd -f localizedstringreconciler.xml import
-Dbasefilename=sopfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/SOP_Add-in/XMLS
```

Loading the Localized Factory Setup Data for IBM Sterling Store Inventory Management on Windows

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
sci_ant.cmd -f localizedstringreconciler.xml import
-Dbasefilename=sopfcpcaliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/SOP/XMLS
```

Loading the Localized Application Add-in Factory Setup Data on Windows

About this task

Note: If you have already loaded the localized Application Add-in factory setup data as part of Sterling Web, Sterling Call Center and Sterling Store, or Sterling Field Sales, it is recommended that you do not again load the localized Application Add-in factory setup data for Sterling Store Inventory Management.

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the `<INSTALL_DIR>/bin` directory as follows:

```
sci_ant.cmd -f localizedstringreconciler.xml import
-Dbasefilename=ycdfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM_Add-in/XMLS
-Dvariablefilename=resources/ycd_fc_variable.properties
```

Creating the Resource JAR File

About this task

To create the resource JAR, run `<INSTALL_DIR>/bin/deployer.cmd -t resourcejar` command:

After creating the resources JAR, re-create the EAR file. This file is the Sterling Selling and Fulfillment Foundation EAR package. For more information about creating and deploying the EAR file, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Note: After installing the language pack, ensure to re-create the resource JAR file and the EAR file.

Chapter 26. Load the Localized Factory Setup Data for IBM Sterling Store Inventory Management on Unix or Linux

Factory setup data includes configuration data, such as error codes, item descriptions, and so on. The database can be localized to store values in a language-specific format. This ensures that the user interface literals are displayed in the localized language. After you have localized the factory setup data, you have to load this data so that the applications can use the localized data in the application user interface.

Note: Ensure that you have localized the application before loading the localized factory setup data. For more information about localizing the application, see *Sterling Store Inventory Management: Localization Guide*

Loading the Localized Add-in Factory Setup Data for IBM Sterling Store Inventory Management on Unix or Linux

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the <INSTALL_DIR>/bin directory as follows:

```
./sci_ant.sh -f localizedstringreconciler.xml import
-Dbasefilename=sopfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/SOP_Add-in/XMLS
```

Loading the Localized Factory Setup Data for IBM Sterling Store Inventory Management on Unix or Linux

About this task

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the <INSTALL_DIR>/bin directory as follows:

```
./sci_ant.sh -f localizedstringreconciler.xml import
-Dbasefilename=sopfcpcaliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/SOP/XMLS
```

Loading the Localized Application Add-in Factory Setup Data on Unix or Linux

About this task

Note: If you have already loaded the localized Application Add-in factory setup data as part of Sterling Web, Sterling Call Center and Sterling Store, or Sterling Field Sales, it is recommended that you do not again load the localized Application Add-in factory setup data for Sterling Store Inventory Management.

To load the localized factory setup data with custom localization literals, run the LocalizedStringReconciler tool in IMPORT mode from the <INSTALL_DIR>/bin directory as follows:

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```
./sci_ant.sh -f localizedstringreconciler.xml import
-Dbasefilename=ycdfcaddinliterals2translate
-Dsrc=<INSTALL_DIR>/repository/factorysetup/COM_Add-in/XMLS
-Dvariablefilename=resources/ycd_fc_variable.properties
```

Creating the Resource JAR File

About this task

To create the resource JAR, run `<INSTALL_DIR>/bin/deployer.sh -t resourcejar`
command:

After creating the resources JAR, re-create the EAR file. This file is the Sterling
Selling and Fulfillment Foundation EAR package. For more information about
creating and deploying the EAR file, refer to the *Sterling Selling and Fulfillment
Foundation: Installation Guide*.

Note: After installing the language pack, ensure to re-create the resource JAR file
and the EAR file.

Chapter 27. Recreate the IBM Sterling Store Inventory Management Client Application

About this task

For information about how to create the Sterling Store Inventory Management client application, refer to the *Sterling Store Inventory Management: Deployment Guide*.

For each language pack, perform the following steps:

Procedure

1. Create a copy of the `sop.zip` file.
2. Copy the `sop.ini.sample` file to `sop.ini` file.
3. In the `sop.ini` file, modify the -nl entry from en_US to `<language>_<country>`. For example, French in France is represented as fr_FR.

Chapter 28. Introduction to Installing Reference Implementation

The reference implementation factory setup comprises the following components:

- Configuration Data — This consists of the basic configuration data required for application, including new organizations, common codes, and rules.
- Activator — In the Activated mode, the newly provided events, user exits, and pipelines in the factory setup are activated. Validation is necessary to ensure that activation does not affect existing configurations. A validator executes on these tables. If any of the records in the tables is found to exist in a state that is different from the standard IBM Sterling Selling and Fulfillment Foundation factory setup, the validator fails.
- Demo Data — This comprises Master Data which consists of example data that can be used to demonstrate the application, including sample items. It is expected that this data is not used in a production environment. The master data comprises the following data: Items, UOMs, Associations for the Product Catalog, Region and Resource pools for Value Added Services, Users, User Groups, and Queues.

Reference implementation can be run multiple times for a single installation. You can run this data with different enterprises to create multiple online business channels, all relating to a single company.

The following table provides a list of targets that can be used with the ant scripts provided to run the reference implementation data.

Ant Target
Description

install This is the default target that installs all the components of reference implementation. This target invokes the validate, activator, and noactivator targets.

validate
This target validates the existing data, but does not insert data.

activator
This target activates the data.

noactivator
This target installs only the configuration data and demo data (if -Drunmasterdata is set to Y).

The following table provides the -D option for the ant targets described earlier in this topic.

-D option
Description

runmasterdata
This target can be used to install the demo data as long as it is used with the install and noactivator ant targets.

Chapter 29. Customize the Reference Implementation Data on Windows

To use the Reference Implementation data, configure the `ycd_oms_ref_variable.properties` file located in the `<INSTALL_DIR>/resources` directory.

For more information about the organization model provided in the reference implementation, see the *Sterling Selling and Fulfillment Suite: Applications Reference Implementation Guide*.

Reference Implementation Data Variables on Windows

The variables described in the following table are used to create participants, users, dealers, and so on, as part of reference implementation.

Table 1. Reference Implementation Data Variables on Windows

Variable Name	Description
Image_Server	Use this variable to specify the path where the images are stored.
Effective_Start_Date	Use this variable to define the availability start date for an item.
Effective_End_Date	Use this variable to define the availability end date for an item.
Corporate_Enterprise_Code	Use this variable to define the organization code of the company.
Corporate_Enterprise_Name	Use this variable to define the name of the company.
Corporate_Enterprise_Suffix	Use this variable to define a suffix for the company.
Corporate_Enterprise_BillTo_Company_ Name	Use this variable to define the bill-to address of the company.
Corporate_Enterprise_OS_skin	Use this variable to define the company theme.
Corporate_Enterprise_Company_Name	Use this variable to define the corporate address of the company.
Corporate_CSR_Username	This is the unique user name used to create a CSR for the company.
Corporate_CSR_Lead_Username	This is the unique user name used to create a CSR Lead for the company.
Corporate_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the company.
Corporate_SalesRep_UserName	This is the unique user name used to create a sales representative for the company.
Corporate_SalesMgr_UserName	This is the unique user name used to create a sales manager for the company.

Table 1. Reference Implementation Data Variables on Windows (continued)

Variable Name	Description
Corporate_SalesVp_UserName	This is the unique user name used to create a sales vice president for the company.
Corporate_CSR_Name	Use this variable to define a name for the CSR.
Corporate_CSR_Lead	Use this variable to define a name for the CSR Lead
Corporate_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Corporate_SalesRep_Name	Use this variable to define a name for the sales representative.
Corporate_SalesMgr_Name	Use this variable to define a name for the sales manager.
Corporate_SalesVp_Name	Use this variable to define a name for the sales vice president.
Retail_Channel_Enterprise_Code	Use this variable to define the organization code of the retail company.
Retail_Channel_Enterprise_Name	Use this variable to define the name of the retail company.
Retail_Channel_Enterprise_Suffix	Use this variable to define a suffix for the retail company.
Retail_Channel_Enterprise_BillTo_Comp any_Name	Use this variable to define the bill-to address of the retail company.
Retail_Channel_CSR_Username	This is the unique user name used to create a CSR for the retail company.
Retail_Channel_CSR_Lead_Username	This is the unique user name used to create a CSR Lead for the retail company.
Retail_Channel_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the retail company.
Retail_Channel_SalesRep_UserName	This is the unique user name used to create a sales representative for the retail company.
Retail_Channel_SalesMgr_UserName	This is the unique user name used to create a sales manager for the retail company.
Retail_Channel_SalesVp_UserName	This is the unique user name used to create a sales vice president for the retail company.
Retail_Channel_CSR_Name	Use this variable to define a name for the CSR.
Retail_Channel_CSR_Lead	Use this variable to define a name for the CSR Lead
Retail_Channel_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Retail_Channel_SalesRep_Name	Use this variable to define a name for the sales representative.

Table 1. Reference Implementation Data Variables on Windows (continued)

Variable Name	Description
Retail_Channel_SalesMgr_Name	Use this variable to define a name for the sales manager.
Retail_Channel_SalesVp_Name	Use this variable to define a name for the sales vice president.
Business_Channel_Enterprise_Code	Use this variable to define the organization code of the business channel.
Business_Channel_Enterprise_Name	Use this variable to define the name of the business channel.
Business_Channel_Enterprise_Suffix	Use this variable to define a suffix for the business channel.
Business_Channel_CSR_Username	This is the unique user name used to create a CSR for the business channel.
Business_Channel_CSR_Lead_Username	This is the unique user name used to create a CSR Lead for the business channel.
Business_Channel_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the business channel.
Business_Channel_SalesRep_UserName	This is the unique user name used to create a sales representative for the business channel.
Business_Channel_SalesMgr_UserName	This is the unique user name used to create a sales manager for the business channel.
Business_Channel_SalesVp_UserName	This is the unique user name used to create a sales vice president for the business channel.
Business_Channel_CSR_Name	Use this variable to define a name for the CSR.
Business_Channel_CSR_Lead	Use this variable to define a name for the CSR Lead
Business_Channel_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Business_Channel_SalesRep_Name	Use this variable to define a name for the sales representative.
Business_Channel_SalesMgr_Name	Use this variable to define a name for the sales manager.
Business_Channel_SalesVp_Name	Use this variable to define a name for the sales vice president.
Manufacturing_Enterprise_Code	Use this variable to define the organization code of the manufacturing company.
Manufacturing_Enterprise_BillTo_Company_Name	Use this variable to define the bill-to address of the manufacturing company.
Manufacturing_Enterprise_Name	Use this variable to define the name of the manufacturing company.

Table 1. Reference Implementation Data Variables on Windows (continued)

Variable Name	Description
Manufacturing_Enterprise_Suffix	Use this variable to define a suffix for the manufacturing company.
Manufacturing_Enterprise_OS_Skin	Use this variable to define the manufacturing enterprise theme.
Manufacturing_CSR_UserName	This is the unique user name used to create a CSR for the manufacturing company.
Manufacturing_CSR_Lead_UserName	This is the unique user name used to create a CSR Lead for the manufacturing company.
Manufacturing_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the manufacturing company.
Manufacturing_SalesRep_UserName	This is the unique user name used to create a sales representative for the manufacturing company.
Manufacturing_SalesMgr_UserName	This is the unique user name used to create a sales manager for the manufacturing company.
Manufacturing_SalesVp_UserName	This is the unique user name used to create a sales vice president for the manufacturing company.
Manufacturing_CSR_Name	Use this variable to define a name for the CSR.
Manufacturing_CSR_Lead_Name	Use this variable to define a name for the CSR Lead
Manufacturing_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Manufacturing_SalesRep_Name	Use this variable to define a name for the sales representative.
Manufacturing_SalesMgr_Name	Use this variable to define a name for the sales manager.
Manufacturing_SalesVp_Name	Use this variable to define a name for the sales vice president.
Dealer_1_Enterprise_Code	Use this variable to define the organization code of dealer #1.
Dealer_1_Enterprise_BillTo_Company_ Name	Use this variable to define the bill-to address of the dealer #1.
Dealer_1_Enterprise_Name	Use this variable to define the name of the dealer #1.
Dealer_1_Enterprise_Suffix	Use this variable to define a suffix for the dealer #1.
Dealer_1_Enterprise_OS_Skin	Use this variable to define the dealer enterprise theme.
Dealer_1_CSR_UserName	This is the unique user name used to create a CSR for the dealer #1.
Dealer_1_CSR_Lead_UserName	This is the unique user name used to create a CSR Lead for the dealer #1.

Table 1. Reference Implementation Data Variables on Windows (continued)

Variable Name	Description
Dealer_1_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the dealer #1.
Dealer_1_SalesRep_UserName	This is the unique user name used to create a sales representative for the dealer #1.
Dealer_1_SalesMgr_UserName	This is the unique user name used to create a sales manager for the dealer #1.
Dealer_1_SalesVp_UserName	This is the unique user name used to create a sales vice president for the dealer #1.
Dealer_1_CSR_Name	Use this variable to define a name for the CSR.
Dealer_1_CSR_Lead_Name	Use this variable to define a name for the CSR Lead
Dealer_1_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Dealer_1_SalesRep_Name	Use this variable to define a name for the sales representative.
Dealer_1_SalesMgr_Name	Use this variable to define a name for the sales manager.
Dealer_1_SalesVp_Name	Use this variable to define a name for the sales vice president.
Dealer_2_Enterprise_Code	Use this variable to define the organization code of dealer #2.
Dealer_2_Enterprise_BillTo_Company_ Name	Use this variable to define the bill-to address of the dealer #2.
Dealer_2_Enterprise_Name	Use this variable to define the name of the dealer #2.
Dealer_2_Enterprise_Suffix	Use this variable to define a suffix for the dealer #2.
Dealer_2_Enterprise_OS_Skin	Use this variable to define the dealer enterprise theme.
Dealer_2_CSR_UserName	This is the unique user name used to create a CSR for the dealer #2.
Dealer_2_CSR_Lead_UserName	This is the unique user name used to create a CSR Lead for the dealer #2.
Dealer_2_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the dealer #2.
Dealer_2_SalesRep_UserName	This is the unique user name used to create a sales representative for the dealer #2.
Dealer_2_SalesMgr_UserName	This is the unique user name used to create a sales manager for the dealer #2.
Dealer_2_SalesVp_UserName	This is the unique user name used to create a sales vice president for the dealer #2.

Table 1. Reference Implementation Data Variables on Windows (continued)

Variable Name	Description
Dealer_2_CSR_Name	Use this variable to define a name for the CSR.
Dealer_2_CSR_Lead_Name	Use this variable to define a name for the CSR Lead
Dealer_2_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Dealer_2_SalesRep_Name	Use this variable to define a name for the sales representative.
Dealer_2_SalesMgr_Name	Use this variable to define a name for the sales manager.
Dealer_2_SalesVp_Name	Use this variable to define a name for the sales vice president.

Chapter 30. Customize the Reference Implementation Data on Unix or Linux

To use the Reference Implementation data, configure the `ycd_oms_ref_variable.properties` file located in the `<INSTALL_DIR>/resources` directory.

For more information about the organization model provided in the reference implementation, see the *Sterling Selling and Fulfillment Suite: Applications Reference Implementation Guide*.

Reference Implementation Data Variables for Unix or Linux

The variables described in the following table are used to create participants, users, dealers, and so on, as part of reference implementation.

Table 2. Reference Implementation Data Variables

Variable Name	Description
Image_Server	Use this variable to specify the path where the images are stored.
Effective_Start_Date	Use this variable to define the availability start date for an item.
Effective_End_Date	Use this variable to define the availability end date for an item.
Corporate_Enterprise_Code	Use this variable to define the organization code of the company.
Corporate_Enterprise_Name	Use this variable to define the name of the company.
Corporate_Enterprise_Suffix	Use this variable to define a suffix for the company.
Corporate_Enterprise_BillTo_Company_ Name	Use this variable to define the bill-to address of the company.
Corporate_Enterprise_OS_skin	Use this variable to define the company theme.
Corporate_Enterprise_Company_Name	Use this variable to define the corporate address of the company.
Corporate_CSR_Username	This is the unique user name used to create a CSR for the company.
Corporate_CSR_Lead_Username	This is the unique user name used to create a CSR Lead for the company.
Corporate_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the company.
Corporate_SalesRep_UserName	This is the unique user name used to create a sales representative for the company.
Corporate_SalesMgr_UserName	This is the unique user name used to create a sales manager for the company.

Table 2. Reference Implementation Data Variables (continued)

Variable Name	Description
Corporate_SalesVp_UserName	This is the unique user name used to create a sales vice president for the company.
Corporate_CSR_Name	Use this variable to define a name for the CSR.
Corporate_CSR_Lead	Use this variable to define a name for the CSR Lead
Corporate_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Corporate_SalesRep_Name	Use this variable to define a name for the sales representative.
Corporate_SalesMgr_Name	Use this variable to define a name for the sales manager.
Corporate_SalesVp_Name	Use this variable to define a name for the sales vice president.
Retail_Channel_Enterprise_Code	Use this variable to define the organization code of the retail company.
Retail_Channel_Enterprise_Name	Use this variable to define the name of the retail company.
Retail_Channel_Enterprise_Suffix	Use this variable to define a suffix for the retail company.
Retail_Channel_Enterprise_BillTo_Company_Name	Use this variable to define the bill-to address of the retail company.
Retail_Channel_CSR_Username	This is the unique user name used to create a CSR for the retail company.
Retail_Channel_CSR_Lead_Username	This is the unique user name used to create a CSR Lead for the retail company.
Retail_Channel_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the retail company.
Retail_Channel_SalesRep_UserName	This is the unique user name used to create a sales representative for the retail company.
Retail_Channel_SalesMgr_UserName	This is the unique user name used to create a sales manager for the retail company.
Retail_Channel_SalesVp_UserName	This is the unique user name used to create a sales vice president for the retail company.
Retail_Channel_CSR_Name	Use this variable to define a name for the CSR.
Retail_Channel_CSR_Lead	Use this variable to define a name for the CSR Lead
Retail_Channel_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Retail_Channel_SalesRep_Name	Use this variable to define a name for the sales representative.

Table 2. Reference Implementation Data Variables (continued)

Variable Name	Description
Retail_Channel_SalesMgr_Name	Use this variable to define a name for the sales manager.
Retail_Channel_SalesVp_Name	Use this variable to define a name for the sales vice president.
Business_Channel_Enterprise_Code	Use this variable to define the organization code of the business channel.
Business_Channel_Enterprise_Name	Use this variable to define the name of the business channel.
Business_Channel_Enterprise_Suffix	Use this variable to define a suffix for the business channel.
Business_Channel_CSR_Username	This is the unique user name used to create a CSR for the business channel.
Business_Channel_CSR_Lead_Username	This is the unique user name used to create a CSR Lead for the business channel.
Business_Channel_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the business channel.
Business_Channel_SalesRep_UserName	This is the unique user name used to create a sales representative for the business channel.
Business_Channel_SalesMgr_UserName	This is the unique user name used to create a sales manager for the business channel.
Business_Channel_SalesVp_UserName	This is the unique user name used to create a sales vice president for the business channel.
Business_Channel_CSR_Name	Use this variable to define a name for the CSR.
Business_Channel_CSR_Lead	Use this variable to define a name for the CSR Lead
Business_Channel_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Business_Channel_SalesRep_Name	Use this variable to define a name for the sales representative.
Business_Channel_SalesMgr_Name	Use this variable to define a name for the sales manager.
Business_Channel_SalesVp_Name	Use this variable to define a name for the sales vice president.
Manufacturing_Enterprise_Code	Use this variable to define the organization code of the manufacturing company.
Manufacturing_Enterprise_BillTo_Company_Name	Use this variable to define the bill-to address of the manufacturing company.
Manufacturing_Enterprise_Name	Use this variable to define the name of the manufacturing company.

Table 2. Reference Implementation Data Variables (continued)

Variable Name	Description
Manufacturing_Enterprise_Suffix	Use this variable to define a suffix for the manufacturing company.
Manufacturing_Enterprise_OS_Skin	Use this variable to define the manufacturing enterprise theme.
Manufacturing_CSR_UserName	This is the unique user name used to create a CSR for the manufacturing company.
Manufacturing_CSR_Lead_UserName	This is the unique user name used to create a CSR Lead for the manufacturing company.
Manufacturing_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the manufacturing company.
Manufacturing_SalesRep_UserName	This is the unique user name used to create a sales representative for the manufacturing company.
Manufacturing_SalesMgr_UserName	This is the unique user name used to create a sales manager for the manufacturing company.
Manufacturing_SalesVp_UserName	This is the unique user name used to create a sales vice president for the manufacturing company.
Manufacturing_CSR_Name	Use this variable to define a name for the CSR.
Manufacturing_CSR_Lead_Name	Use this variable to define a name for the CSR Lead
Manufacturing_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Manufacturing_SalesRep_Name	Use this variable to define a name for the sales representative.
Manufacturing_SalesMgr_Name	Use this variable to define a name for the sales manager.
Manufacturing_SalesVp_Name	Use this variable to define a name for the sales vice president.
Dealer_1_Enterprise_Code	Use this variable to define the organization code of dealer #1.
Dealer_1_Enterprise_BillTo_Company_ Name	Use this variable to define the bill-to address of the dealer #1.
Dealer_1_Enterprise_Name	Use this variable to define the name of the dealer #1.
Dealer_1_Enterprise_Suffix	Use this variable to define a suffix for the dealer #1.
Dealer_1_Enterprise_OS_Skin	Use this variable to define the dealer enterprise theme.
Dealer_1_CSR_UserName	This is the unique user name used to create a CSR for the dealer #1.
Dealer_1_CSR_Lead_UserName	This is the unique user name used to create a CSR Lead for the dealer #1.

Table 2. Reference Implementation Data Variables (continued)

Variable Name	Description
Dealer_1_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the dealer #1.
Dealer_1_SalesRep_UserName	This is the unique user name used to create a sales representative for the dealer #1.
Dealer_1_SalesMgr_UserName	This is the unique user name used to create a sales manager for the dealer #1.
Dealer_1_SalesVp_UserName	This is the unique user name used to create a sales vice president for the dealer #1.
Dealer_1_CSR_Name	Use this variable to define a name for the CSR.
Dealer_1_CSR_Lead_Name	Use this variable to define a name for the CSR Lead
Dealer_1_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Dealer_1_SalesRep_Name	Use this variable to define a name for the sales representative.
Dealer_1_SalesMgr_Name	Use this variable to define a name for the sales manager.
Dealer_1_SalesVp_Name	Use this variable to define a name for the sales vice president.
Dealer_2_Enterprise_Code	Use this variable to define the organization code of dealer #2.
Dealer_2_Enterprise_BillTo_Company_ Name	Use this variable to define the bill-to address of the dealer #2.
Dealer_2_Enterprise_Name	Use this variable to define the name of the dealer #2.
Dealer_2_Enterprise_Suffix	Use this variable to define a suffix for the dealer #2.
Dealer_2_Enterprise_OS_Skin	Use this variable to define the dealer enterprise theme.
Dealer_2_CSR_UserName	This is the unique user name used to create a CSR for the dealer #2.
Dealer_2_CSR_Lead_UserName	This is the unique user name used to create a CSR Lead for the dealer #2.
Dealer_2_Admin_UserName	This is the unique user name used to create an item and pricing administrator for the dealer #2.
Dealer_2_SalesRep_UserName	This is the unique user name used to create a sales representative for the dealer #2.
Dealer_2_SalesMgr_UserName	This is the unique user name used to create a sales manager for the dealer #2.
Dealer_2_SalesVp_UserName	This is the unique user name used to create a sales vice president for the dealer #2.

Table 2. Reference Implementation Data Variables (continued)

Variable Name	Description
Dealer_2_CSR_Name	Use this variable to define a name for the CSR.
Dealer_2_CSR_Lead_Name	Use this variable to define a name for the CSR Lead
Dealer_2_Admin_Name	Use this variable to define a name for the item and pricing administrator.
Dealer_2_SalesRep_Name	Use this variable to define a name for the sales representative.
Dealer_2_SalesMgr_Name .	Use this variable to define a name for the sales manager
Dealer_2_SalesVp_Name	Use this variable to define a name for the sales vice president.

Chapter 31. Reference Implementation Installation Overview

When the reference implementation is installed, the `.restart` files are created under the `<INSTALL_DIR>/database/FactorySetup/oms/install` directory. The `.restart` files record the points in the reference implementation that are complete.

If the reference implementation installation fails and if you re-run the installation scripts, the `.restart` files are read to resume installation from the point where the installation failed.

If you want to start the installation of the reference implementation from the beginning, ensure that you delete the `.restart` files before re-running the installation.

You can either install all the components of the reference implementation or individual components of the reference implementation. The installation of individual components of the reference implementation consists of the following tasks:

- Installing Demo Data and Configuration Data
- Validating and Activating the Reference Implementation Data

Ensure that the `<INSTALL_DIR>` environment variable is set correctly.

Chapter 32. Install all the Reference Implementation Components on Windows

About this task

To install all the components of reference implementation, run the following command from the <INSTALL_DIR>/bin directory.

```
.\sci_ant.cmd -f ycd_load_oms_ref_impl.xml <target> <-D optional property>
-logfile <logfile>
```

For example:

(loads configuration data, demo data, and activator)

```
.\sci_ant.cmd -f ycd_load_oms_ref_impl.xml -Drunmasterdata=Y -logfile logfile.txt
```

For more information about the Ant targets and the -D options that can be specified in this command, see Chapter 28, "Introduction to Installing Reference Implementation," on page 61.

Chapter 33. Install the Reference Implementation Configuration Data and Demo Data on Windows

About this task

You can install individual components (configurationdata and demodata) of reference implementation. To install configuration data and demo data, run the following command from the `<INSTALL_DIR>/bin` directory.

```
.\sci_ant.cmd -f ycd_load_oms_ref_impl.xml noactivator -Drunmasterdata=Y
-logfile <logfile>
```

Chapter 34. Validate and Activate the Reference Implementation Data on Windows

About this task

You can validate and activate the reference implementation data. To validate the existing configuration, run the following command from the `<INSTALL_DIR>/bin` directory.

```
.\sci_ant.cmd -f ycd_load_oms_ref_impl.xml validate -logfile <logfile>
```

When the validator runs, the following configurations are validated:

- User Exit Implementation—IBM Sterling Call Center, IBM Sterling Store, and IBM Sterling Web applications provide implementation for some of the user exits. If the user exit implementations are not modified or overridden, the validation process succeeds. Otherwise, it fails.

  An implementation is provided for the following user exits:
  - YFSCollectionCreditCardUE
  - YFSCollectionOthersUE
  - YFSCollectionStoredValueCardUE
  - YFSBeforeCreateOrderUE
  - YFSBeforeChangeOrderUE
  - YFSProcessOrderHoldTypeUE
  - OMPGetCarrierServiceOptionsForOrderingUE

- Pipeline Determination—IBM Sterling Call Center, IBM Sterling Store, and IBM Sterling Web applications provide pipelines and the associated pipeline determination rules. The validation process succeeds if the pipeline determination rules are not modified or overridden. Otherwise, the validation process fails.

  The pipeline determination rules for the following process types are validated:
  - ORDER_FULFILLMENT
  - RETURN_FULFILLMENT

- Events—IBM Sterling Call Center, IBM Sterling Store, and IBM Sterling Web applications provide event handlers for some of the transactions. If the event handlers are modified or overridden, the validation fails. Otherwise, the validation succeeds.

  The following table lists the events for which the event handlers are configured.

Table 3. Lists of events for which the event handlers are configured

Event	Transaction ID
On Collection Failure	PAYMENT_EXECUTION
On Backorder	ORDER_RELEASE_CHANGE
On Cancel	ORDER_RELEASE_CHANGE
On Success	DRAFT_ORDER_CONFIRM
On Success	ORDER_CHANGE
On Success	ORDER_CREATE

Table 3. Lists of events for which the event handlers are configured (continued)

Event	Transaction ID
On Backorder	SCHEDULE.0001
On Cancel	SCHEDULE.0001
On Backorder	RELEASE.0001
On Cancel	RELEASE.0001
On hold type status change	ORDER_CHANGE
On hold type status change	ORDER_CREATE
On hold type status change	DRAFT_ORDER_CONFIRM
On hold type status change	ORDER_RELEASE_CHANGE
On Success	CHAINED_ORDER_CREATE
On Success	YCD_FRAUD_CHECK.0001
On hold type status change	YCD_FRAUD_CHECK.0001
On Fraudulent Order	YCD_FRAUD_CHECK.0001
On Success	YCD_DUPLICATE_ORDER.0001
On hold type status change	YCD_DUPLICATE_ORDER.0001
On Duplicate Order	YCD_DUPLICATE_ORDER.0001
Address Verification Failed	YCD_VERIFY_ADDRESS.0001
Send Notification	YCD_SHIP_NOTIFICATION.0001

To activate the data, run the following command from the <INSTALL_DIR>/bin
directory.

.\sci_ant.cmd -f ycd_load_oms_ref_impl.xml activator -logfile <logfile>

Chapter 35. Install all the Reference Implementation Components on Unix or Linux

About this task

To install all the components of reference implementation, run the following command from the <INSTALL_DIR>/bin directory.

```
./sci_ant.sh -f ycd_load_oms_ref_impl.xml <target> <-D optional property>
-logfile <logfile>
```

For example:

(loads configuration data, demo data, and activator)
```
./sci_ant.sh -f ycd_load_oms_ref_impl.xml -Drunmasterdata=Y -logfile logfile.txt
```

For more information about the Ant targets and the -D options that can be specified in this command, see Chapter 28, "Introduction to Installing Reference Implementation," on page 61.

Chapter 36. Install the Reference Implementation Configuration Data and Demo Data on Unix or Linux

About this task

You can install individual components (configuration data and demo data) of reference implementation. To install configuration data and demo data, run the following command from the <INSTALL_DIR>/bin directory.

```
./sci_ant.sh -f ycd_load_oms_ref_impl.xml noactivator -Drunmasterdata=Y
-logfile <logfile>
```

Chapter 37. Validate and Activate the Reference Implementation Data on Unix or Linux

About this task

You can validate and activate the reference implementation data. To validate the existing configuration, run the following command from the `<INSTALL_DIR>/bin` directory.

`./sci_ant.sh -f ycd_load_oms_ref_impl.xml validate -logfile <logfile>`

When the validator runs, the following configurations are validated:

- User Exit Implementation—IBM Sterling Call Center, IBM Sterling Store, and IBM Sterling Web applications provide implementation for some of the user exits. If the user exit implementations are not modified or overridden, the validation process succeeds. Otherwise, it fails.

  An implementation is provided for the following user exits:
  - YFSCollectionCreditCardUE
  - YFSCollectionOthersUE
  - YFSCollectionStoredValueCardUE
  - YFSBeforeCreateOrderUE
  - YFSBeforeChangeOrderUE
  - YFSProcessOrderHoldTypeUE
  - OMPGetCarrierServiceOptionsForOrderingUE

- Pipeline Determination—IBM Sterling Call Center, IBM Sterling Store, and IBM Sterling Web applications provide pipelines and the associated pipeline determination rules. The validation process succeeds if the pipeline determination rules are not modified or overridden. Otherwise, the validation process fails.

  The pipeline determination rules for the following process types are validated:
  - ORDER_FULFILLMENT
  - RETURN_FULFILLMENT

- Events—IBM Sterling Call Center, IBM Sterling Store, and IBM Sterling Web applications provide event handlers for some of the transactions. If the event handlers are modified or overridden, the validation fails. Otherwise, the validation succeeds.

  The following table lists the events for which the event handlers are configured.

Table 4. Lists of events for which the event handlers are configured

Event	Transaction ID
On Collection Failure	PAYMENT_EXECUTION
On Backorder	ORDER_RELEASE_CHANGE
On Cancel	ORDER_RELEASE_CHANGE
On Success	DRAFT_ORDER_CONFIRM
On Success	ORDER_CHANGE
On Success	ORDER_CREATE

Table 4. Lists of events for which the event handlers are configured (continued)

Event	Transaction ID
On Backorder	SCHEDULE.0001
On Cancel	SCHEDULE.0001
On Backorder	RELEASE.0001
On Cancel	RELEASE.0001
On hold type status change	ORDER_CHANGE
On hold type status change	ORDER_CREATE
On hold type status change	DRAFT_ORDER_CONFIRM
On hold type status change	ORDER_RELEASE_CHANGE
On Success	CHAINED_ORDER_CREATE
On Success	YCD_FRAUD_CHECK.0001
On hold type status change	YCD_FRAUD_CHECK.0001
On Fraudulent Order	YCD_FRAUD_CHECK.0001
On Success	YCD_DUPLICATE_ORDER.0001
On hold type status change	YCD_DUPLICATE_ORDER.0001
On Duplicate Order	YCD_DUPLICATE_ORDER.0001
Address Verification Failed	YCD_VERIFY_ADDRESS.0001
Send Notification	YCD_SHIP_NOTIFICATION.0001

To activate the data, run the following command from the `<INSTALL_DIR>/bin` directory.

`./sci_ant.sh -f ycd_load_oms_ref_impl.xml activator -logfile <logfile>`

Chapter 38. Install IBM Sterling Store Inventory Management Reference Implementation

About this task

When loading the reference implementation data, the Sterling Store Inventory Management uses the Data Migrator. For more information about the Data Migrator, see the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Note: Ensure that you have installed and loaded the Sterling Reference implementation before installing the Sterling Store Inventory Management reference implementation.

To customize the Reference Implementation, first configure the `sop_ref_variable.properties` file located in the `<INSTALL_DIR>/resources` directory.

The following table describes the variables used to create participants and users for the reference implementation.

Table 5.

Variable Name	Description
Corporate_Enterprise_Code	Use this variable to define the organization code of the company.
Corporate_Enterprise_Name	Use this variable to define the name of the company.
Retail_Channel_Enterprise_Code	Use this variable to define the organization code of the company's retail business channel.
Retail_Channel_Enterprise_Name	Use this variable to define the organization name of the company's retail business channel.
Retail_Channel_Enterprise_UserId	Use this variable to define the identifier for a administrator of the retail business channel.
Retail_Channel_Enterprise_UserName	Use this variable to define the user name for the administrator of the retail business channel
Non_Integrated_Node	Use this variable to define the organization code created for a distribution center node of the retail business channel.
Non_Integrated_Node_Name	Use this variable to define the name of the distribution center code.
No_Loc_Model_Store_Admin_UserId	Use this variable to define the identifier for a store administrator of a model store with no location.
No_Loc_Model_Store_Admin_UserName	Use this variable to define the user name for the store administrator of a model store with no location.

Table 5. (continued)

Variable Name	Description
No_Loc_Model_Store_CSR_UserId	Use this variable to define the identifier for a CSR of a model store with no location.
No_Loc_Model_Store_CSR_UserName	Use this variable to define the user name for the CSR of a model store with no location.
No_Loc_Model_Store_BIA_UserId	Use this variable to define the identifier for a backroom associate of a model store with no location.
No_Loc_Model_Store_BIA_UserName	Use this variable to define the user name for the backroom associate of a model store with no location.
One_Loc_Model_Store_UserId	Use this variable to define the identifier for a store administrator of a model store with one location.
One_Loc_Model_Store_Admin_UserName	Use this variable to define the user name for the store administrator of a model store with one location.
One_Loc_Model_Store_CSR_UserId	Use this variable to define the identifier for a CSR of a model store with one location.
One_Loc_Model_Store_CSR_UserName	Use this variable to define the user name for the CSR of a store with one location.
One_Loc_Model_Store_BIA_UserId	Use this variable to define the identifier for a backroom associate of a store with one location.
One_Loc_Model_Store_BIA_UserName	Use this variable to define the user name for the backroom associate of a model store with one location.
Three_Loc_Model_Store_UserId	Use this variable to define the identifier for a store administrator of a model store with three locations.
Three_Loc_Model_Store_Admin _UserName	Use this variable to define the user name for the store administrator of a model store with three locations.
Three_Loc_Model_Store_CSR_UserId	Use this variable to define the identifier for a CSR of a model store with three locations.
Three_Loc_Model_Store_CSR_UserName	Use this variable to define the user name for the CSR of a model store with three locations.
Three_Loc_Model_Store_BIA_UserId	Use this variable to define the identifier for a backroom associate of a model store with three locations.
Three_Loc_Model_Store_BIA_UserName	Use this variable to define the user name for the backroom associate of a model store with three locations.

Table 5. (continued)

Variable Name	Description
Three_Loc_Model_Store_Admin _UserName	Use this variable to define the user name for the backroom associate of a model store with three locations.
Multi_Loc_Model_Store_CSR_UserId	Use this variable to define the identifier for a CSR of a model store with multiple locations.
Multi_Loc_Model_Store_CSR_UserName	Use this variable to define the user name for the CSR of a model store with multiple locations.
Multi_Loc_Model_Store_BIA_UserId	Use this variable to define the identifier for a backroom associate of a model store with multiple locations.
Multi_Loc_Model_Store_BIA_UserName	Use this variable to define the user name for the backroom associate of a model store with multiple locations.
Multi_Loc_Model_Store_Admin_UserName	Use this variable to define the user name for the store administrator of a model store with multiple locations.
No_Loc_Store_Admin_UserId	Use this variable to define the identifier for a store administrator of a store with no locations.
No_Loc_Store_Admin_UserName	Use this variable to define the user name for the store administrator of a store with no locations
No_Loc_Store_CSR_UserId	Use this variable to define the identifier for a CSR of a store with no locations.
No_Loc_Store_CSR_UserName	Use this variable to define the user name for the CSR of a store with no locations.
No_Loc_Store_BIA_UserId	Use this variable to define the identifier for a backroom associate of a store with no locations.
No_Loc_Store_BIA_UserName	Use this variable to define the user name for the backroom associate of a store with no locations.
One_Loc_Store_Admin_UserId	Use this variable to define the identifier for a store administrator of a store with one location.
One_Loc_Store_Admin_UserName	Use this variable to define the user name for the store administrator of a store with one location.
One_Loc_Store_CSR_UserId	Use this variable to define the identifier for a CSR of a store with one location.
One_Loc_Store_CSR_UserName	Use this variable to define the user name for the CSR of a store with one location.

Table 5. (continued)

Variable Name	Description
One_Loc_Store_BIA_UserId	Use this variable to define the identifier for a backroom associate of a store with one location.
One_Loc_Store_BIA_UserName	Use this variable to define the user name for the backroom associate of a store with one location.
Three_Loc_Store_Admin_UserId	Use this variable to define the identifier for a store administrator of a store with three locations.
Three_Loc_Store_Admin_UserName	Use this variable to define the user name for the store administrator of a store with three locations.
Three_Loc_Store_CSR_UserId	Use this variable to define the identifier for a CSR of a store with three locations.
Three_Loc_Store_CSR_UserName	Use this variable to define the user name for the CSR of a store with three locations.
Three_Loc_Store_BIA_UserId	Use this variable to define the identifier for a backroom associate of a store with three locations.
Three_Loc_Store_BIA_UserName	Use this variable to define the user name for the backroom associate of a store with three locations.
Multi_Loc_Store_Admin_UserId	Use this variable to define the identifier for a store administrator of a store with multiple locations.
Multi_Loc_Store_Admin_UserName	Use this variable to define the user name for the store administrator of a store with multiple locations.
Multi_Loc_Store_CSR_UserId	Use this variable to define the identifier for a CSR of a store with multiple locations.
Multi_Loc_Store_CSR_UserName	Use this variable to define the user name for the CSR of a store with multiple locations.
Multi_Loc_Store_BIA_UserId	Use this variable to define the identifier for a backroom associate of a store with multiple locations.
Multi_Loc_Store_BIA_UserName	Use this variable to define the user name for the backroom associate of a store with multiple locations.
Not_Onboarded_Store1_UserId	Use this variable to define the identifier for a store administrator of store 1 that is not yet brought onboard.
Not_Onboarded_Store1_UserName	Use this variable to define the user name for a store administrator of store 1 that is not yet brought onboard.

Table 5. (continued)

Variable Name	Description
Not_Onboarded_Store1_CSR_UserId	Use this variable to define the identifier for a CSR of store 1 that is not yet brought onboard.
Not_Onboarded_Store1_CSR_UserName	Use this variable to define the user name for a CSR of store 1 that is not yet brought onboard.
Not_Onboarded_Store1_BIA_UserId	Use this variable to define the identifier for a backroom associate of store 1 that is not yet brought onboard.
Not_Onboarded_Store1_BIA_UserName	Use this variable to define the user name for a backroom associate of store 1 that is not yet brought onboard.
Not_Onboarded_Store2_UserId	Use this variable to define the identifier for a store administrator of store 2 that is not yet brought onboard.
Not_Onboarded_Store2_UserName	Use this variable to define the user name for a store administrator of store 2 that is not yet brought onboard.
Not_Onboarded_Store2_CSR_UserId	Use this variable to define the identifier for a CSR of store 2 that is not yet brought onboard.
Not_Onboarded_Store2_CSR_UserName	Use this variable to define the user name for the CSR of store 2 that is not yet brought onboard.
Not_Onboarded_Store2_BIA_UserId	Use this variable to define the identifier for a backroom associate of store 2 that is not yet brought onboard.
Not_Onboarded_Store2_BIA_UserName	Use this variable to define the user name for a backroom associate of store 2 that is not yet brought onboard.
Not_Onboarded_Store3_UserId	Use this variable to define the identifier for a store administrator of store 3 that is not yet brought onboard.
Not_Onboarded_Store3_UserName	Use this variable to define the user name for a store administrator of store 3 that is not yet brought onboard.
Not_Onboarded_Store3_CSR_UserId	Use this variable to define the identifier for a CSR of store 3 that is not yet brought onboard.
Not_Onboarded_Store3_CSR_UserName	Use this variable to define the user name for the CSR of store 3 not yet brought onboard.

Table 5. (continued)

Variable Name	Description
Not_Onboarded_Store3_BIA_UserId	Use this variable to define the identifier for a backroom associate of store 3 that is not yet brought onboard.
Not_Onboarded_Store3_BIA_UserName	Use this variable to define the user name for a backroom associate of store 3 that is not yet brought onboard.
Vendor_1	Use this variable to define the vendor 1 of the retail channel enterprise.
Vendor_2	Use this variable to define the vendor 2 of the retail channel enterprise.
Vendor_3	Use this variable to define the vendor 3 of the retail channel enterprise.
Buyer_1	Use this variable to define the buyer 1 of the retail channel enterprise.
Buyer_2	Use this variable to define the buyer 2 of the retail channel enterprise.
Buyer_3	Use this variable to define the buyer 3 of the retail channel enterprise.
No_Loc_Model_StoreId	Use this variable to define the identifier of a model store with no locations.
No_Loc_Model_StoreName	Use this variable to define the name of a model store with no locations.
One_Loc_Model_StoreId	Use this variable to define the identifier of a model store with one location.
One_Loc_Model_StoreName	Use this variable to define the name of a model store with one location.
Three_Loc_Model_StoreId	Use this variable to define the identifier of a model store with three locations.
Three_Loc_Model_StoreName	Use this variable to define the name of a model store with three locations.
Multi_Loc_Model_StoreId	Use this variable to define the identifier of a model store with multiple locations.
Multi_Loc_Model_StoreName	Use this variable to define the name of a model store with multiple locations.
No_Loc_StoreId	Use this variable to define the identifier of a store with no locations.
No_Loc_StoreName	Use this variable to define the store name of a store with no locations.

Table 5. (continued)

Variable Name	Description
One_Loc_StoreId	Use this variable to define the identifier of a store with one location.
One_Loc_StoreName	Use this variable to define the name of a store with one location.
Three_Loc_StoreId	Use this variable to define the identifier of a store with three locations.
Three_Loc_StoreName	Use this variable to define the name of a store with three locations.
Multi_Loc_StoreId	Use this variable to define the identifier of a model store with multiple locations.
Multi_Loc_StoreName	Use this variable to define the name of a model store with multiple locations.
Not_Onboarded_Store1Id	Use this variable to define the identifier of store 1 that is not yet brought onboard.
Not_Onboarded_Store1Name	Use this variable to define the name of store 1 that is not yet brought onboard.
Not_Onboarded_Store2Id	Use this variable to define the identifier of store 2 that is not yet brought onboard.
Not_Onboarded_Store2Name	Use this variable to define the name of store 2 that is not yet brought onboard.
Not_Onboarded_Store3Id	Use this variable to define the identifier of store 3 that is not yet brought onboard.
Not_Onboarded_Store3Name	Use this variable to define the name of store 3 that is not yet brought onboard.
Not_Onboarded_Store4Id	Use this variable to define the identifier of store 4 that is not yet brought onboard.
Not_Onboarded_Store4Name	Use this variable to define the name of store 4 that is not yet brought onboard.
Not_Onboarded_Store5Id	Use this variable to define the identifier of store 5 that is not yet brought onboard.
Not_Onboarded_Store5Name	Use this variable to define the name of store 5 that is not yet brought onboard.
Not_Onboarded_Store6Id	Use this variable to define the identifier of store 6 that is not yet brought onboard.

Table 5. (continued)

Variable Name	Description
Not_Onboarded_Store6Name	Use this variable to define the name of store 6 that is not yet brought onboard.

The Sterling Store Inventory Management reference implementation can be configured multiple times for a single installation. You can configure this data with different Enterprise and Node variables used to create multiple online business channels all relating to a single company.

Note: Although the reference implementation can be configured multiple times for a single installation, it is recommended NOT to run the reference implementation with the same sop_ref_variable.properties file.

The reference implementation factory setup is broken up into the following different components:
- Configuration Data — This consists of the basic configuration data required for the application including new organizations, common codes, and rules.
- Master Data — This consists of some example data that can be used to demo the application including sample items. It is expected that this data is not be used in a production environment.
- Transaction Data — The transaction data is configured such that the basic processes explained in the documentation are fulfilled. Transaction Data can be optionally run at the time of installing the Sterling Store Inventory Management.

To run the reference implementation with master data and configuration data, run the following command from the <INSTALL_DIR> directory:

For Windows:

```
.\sci_ant.cmd -f bin\sop_load_reference_implementation.xml all -logfile
<logfile>
```

For Unix or Linux:

```
./sci_ant.sh -f bin/sop_load_reference_implementation.xml all -logfile
<logfile>
```

To run individual components of the reference implementation, run the following commands from <INSTALL_DIR> directory:
- Configuration data installation

  For Windows:

  ```
  .\sci_ant.cmd -f bin/sop_load_reference_implementation.xml configdata
  -logfile <logfile>
  ```

  For Unix or Linux:

  ```
  ./sci_ant.sh -f bin/sop_load_reference_implementation.xml configdata
  -logfile <logfile>
  ```
- Master data installation

  For Windows:

  ```
  .\sci_ant.cmd -f bin/sop_load_reference_implementation.xml masterdata
  -logfile <logfile>
  ```

  For Unix or Linux:

```
./sci_ant.sh -f bin/sop_load_reference_implementation.xml masterdata
-logfile <logfile>
```
- Transaction Data

  Note: Before running the transaction data, update the pipeline determination rule to use the store pipeline.

  - For cycle count, use the Store Cycle Count Execution Pipeline.

  - For Physical Count, use the Store Physical Count Execution Pipeline.

  If you fail to update the pipeline determination rule, the data will be inconsistent. You need to recreate the schema and reload the data.

  For Windows:
  ```
  .\sci_ant.cmd -f bin/sop_load_reference_implementation.xml transactiondata
  -logfile <logfile>
  ```
  For Unix or Linux:
  ```
  ./sci_ant.sh -f bin/sop_load_reference_implementation.xml transactiondata
  -logfile <logfile>
  ```

  Note: When the reference implementation is installed, the .restart files are created in the <INSTALL_DIR>/database/FactorySetup/sop/install directory.

  The .restart files record the points in the reference implementation that are complete.

  - For Configuration data installation, the
  ref_sop_configdata_installer.xml.restart is created.

  - For Master data installation, the ref_sop_masterdata_installer.xml.restart is created.

  If the reference implementation installation fails and if you re-run the installation scripts, the .restart files are read to resume the installation from the point where the installation failed.

  If you want to start the installation of the reference implementation from the beginning, ensure that you delete the .restart files before re-running the installation.

  If you do not want to use the reference implementation and want to create your own pipelines, see the *Sterling Store Inventory Management: Implementation Guide*

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