

Sterling Store Inventory Management

Localization Guide

Fix Pack 9.1.0.1



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Localizing the Application

Localization is the process of adapting an application to a particular locale to enable a user in that locale to use the application. All the user interface literals of the IBM® Sterling Store Inventory Management application is stored in the application resource bundle and the database

This guide explains how to localize the Sterling Store Inventory Management.

For more information about localizing IBM® Sterling Selling and Fulfillment Foundation, see the *Sterling Selling and Fulfillment Foundation: Localization Guide*.

User Interface Themes

The user interface (UI) theme files specify the screen colors, display fonts, and images to use. The display fonts are dependent on the languages that need to be supported. However, some fonts may not support all languages. When setting up a theme, choose a font that displays the specific language you need or choose a font that displays for a particular locale. For example, when setting up a Japanese locale, customize the theme to use a font that displays Japanese characters such as Hiragana.

To localize the Sterling Store Inventory Management UI, see the `com.yantra.sop_sapphire.ythm` theme-specific files. For more information about localizing a theme, see the *Sterling Selling and Fulfillment Foundation: Localization Guide*.

Literals

Sterling Store Inventory Management uses resource bundles that contain literals or text displayed on the screens. Sterling Store Inventory Management enables you to customize and localize resource bundles based on the user's locale. In addition, literals used in the customized screens have their own resource bundles, and are considered during the localization process.

For more information about literals, see the *Sterling Selling and Fulfillment Foundation: Localization Guide*.

If you have customized Sterling Store Inventory Management applications, you must localize those customizations also. For more information about customizing the Rich Client Platform Interface, see the *Sterling Selling and Fulfillment Foundation: Customizing the Rich Client Platform Interface Guide*.

Note: Literals cannot be localized in the following places:

- Condition Builder
- Order/Shipment Monitor
- Hard-coded literals in APIs

Resource Bundles

Sterling Store Inventory Management always releases complete resource bundles in the `com.yantra.pca.sop_bundle.properties` file with the localized versions of Sterling Store Inventory Management. Incremental updates are not provided. If you localize Sterling Store Inventory Management, it is your responsibility (or that of your third-party localization company) to compare and validate the differences between the resource bundles shipped with the product to those you have localized.

Note: The client resource bundle files have some entries having '&' in the value. These values are used for mnemonic key support in the application. When localizing, ensure that all the literals on any screen have a unique mnemonic key.

The Sterling Store Inventory Management application uses the resource bundle files to define literals for the user interface.

To localize the client application resource bundles:

Browse to the `<INSTALL_DIR>/rcp/SOP/<version>/SOP/reference` folder and save the `com.yantra.sop_bundle.properties` file as `com.yantra.sop_bundle_[language]_[country or region]_[variant].properties` into the `<INSTALL_DIR>/resources` folder.

For example, in the case of French customers, `com.yantra.sop_bundle.properties` must be saved as `com.yantra.sop_bundle_fr_FR.properties`, where *fr* indicates the language, that is French, *FR* indicates the country or region, France, and assuming that France does not have any variants.

After saving the bundle files, perform the following steps:

1. Create the resource JAR using the following command:

For Windows:

```
<INSTALL_DIR>/bin/deployer.cmd -t resourcejar
```

For Linux/UNIX:

```
<INSTALL_DIR>/bin/deployer.sh -t resourcejar
```

2. Create the Sterling Store Inventory Management client application. For more information about creating a Sterling Store Inventory Management client application, see the *Sterling Store Inventory Management: Deployment Guide*.

To localize the resource bundles server application:

Copy the <INSTALL_DIR>/resources/sopbundle.properties file and save it as <INSTALL_DIR>/resources/sopbundle_<language>_<country or region>.properties.

To localize the jasper reports resource bundles:

1. Browse to <INSTALL_DIR>/installed_data/SOP/jars/SOP/9.1/ysopjasper.jar and extract jasperreport.properties into a temporary folder.
2. Save jasperreport.properties as jasperreport_[language]_[country or region]_[variant].properties.
3. Update ysopjasper.jar by adding jasperreport_[language]_[country or region]_[variant].properties.
4. Create the resource JAR using the following command:

For Windows:

```
<INSTALL_DIR>/bin/deployer.cmd -t resourcejar
```

For Linux/UNIX:

```
<INSTALL_DIR>/bin/deployer.sh -t resourcejar
```

5. 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*.

For more information about localizing resource bundles, refer to the *Sterling Selling and Fulfillment Foundation: Localization Guide*.

Localizing Store Address and Customer Information

When the customer name, customer address, and Store address information is provided, a bundle key is also provided for all single line displays.

◆ For Customer Name:

The standard display is formatted as per the `CustomerName` key in `com.yantra.sop_bundles.properties`. For example, a bundle record looks like:

```
CustomerName={0}, {1}
```

The `CustomerName` key is passed to the following method in `YRCPlatformUI`:

`getFormattedString (String key, String[] data)` along with the `String[]` array whose contents should match the place holders defined in the `CustomerName` key.

◆ For Customer Bill To Address Records:

The standard display is formatted as per the `BillToAddress` key in `com.yantra.sop_bundles.properties`. For example, a bundle record looks like:

```
BillToAddress={0}, {1}, {2}, {3}, {4}
```

The `BillToAddress` key is passed to the following method in `YRCPlatformUI`:

`getFormattedString (String key, String[] data)` along with the `String[]` array whose contents match the place holders defined in the `BillToAddress` key.

◆ For Bill To Name:

The standard display is formatted as per the `BillToName` key in `com.yantra.sop_bundles.properties`. For example, a bundle record looks like:

```
BillToName={0}, {1}
```

The `BillToName` key is passed to the following method in `YRCPlatformUI`:

`getFormattedString (String key, String[] data)` along with the `String[]` array whose contents match the place holders defined in the `BillToName` key.

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