

## Overview

This document explains the GUI installation instructions that customers must perform on their systems to use MDW java clients. The following procedure will not only install the GUI components but will also install WebStart, which is necessary for all client machines to run the GUI applications.

## Before You Begin

### Installation Prerequisites

- Your machine name must be resolved in DNS.
- Java 1.3 or higher must be installed on the server and client machines.
- Your MDW Product Manager must give you a Username and Password for Template Manager that you will use to test the templates.

### Information You Will Need

Before installing, you must know the following information about your environment:

- the address of your web server and the path to the directory you are installing to.
- the directory where Java is installed.
- the hostname, database instance name, and port for the Oracle database for the application(s).
- the password for each application's database role account. This information is given to you by an MDW representative.

**Note:** The setup script used below will ask for this information to configure the application(s).

## Installation Procedure

1. Copy all files in your distribution (sent to you by MDW) into a directory served by a Web (HTTP) server.  
**Note:** For detailed information on what each zip file contains, see the Bundled File List section at the end of this document.
2. Unzip (full path extraction) the zip file into the directory.
3. Run the script *setup.sh* (permissions changes may be necessary on *setup.sh*)
4. Configure the Web server so that all files with the *.jnlp* file extension are set to the application/x-java-jnlp MIME type. (See Sun's website at <http://www.sun.com> for more information or your web server documentation.)
5. Restart your web server if you receive a dialog suggesting you do so.
6. Use a browser to open the *index.html* file and click on one of the links to launch an MDW application installation program. Each MDW program will install and then open after you click the link. When one program is complete, click on the next link until all programs are installed.

## Testing the Installation

This section will test to make sure that the GUI installation was completed successfully.

1. Go to the location where you saved Template Manager during the above GUI installation.
2. Double click on the Template Manager icon to open the application's login screen.
3. On the Login screen, enter the username and password given to you by your MDW Product Manager.
4. Go to your property area to determine if you can access any of the templates.

## Troubleshooting

- If the user gives the wrong location for Java when the application asks for it, an error displays. The user should abort the install and start over, this time with the correct Java directory.
- If the user navigates to the web page to test the install and clicks on one of the applications, either the application will run or an xml file will display in the browser. If the latter happens, several things could be the problem:
  - the user's machine which is trying to run the Java application does not have Java installed. (any version 1.3 and above should be sufficient). Go to [www.sun.com](http://www.sun.com) to download Java.
  - The user forgot or incorrectly setup the MIME type in the web server.
- “The application’s digital signature is invalid. Do you want to run the application?” Please ignore and run.
- “The application’s digital signature has an error. Do you want to run the application?” Please ignore and run.

## Next Steps

Install mdTransit Templates.

## File Bundle Explanations

The file bundles below list all files that must be installed for each MDW application. In most cases, multiple products are purchased (i.e. mdTransit and mdRealEstate), which may include more than one of the applications listed. Customers may receive multiple zip files, or a single zip file with multiple applications’ files contained in it. The *morrisWS.zip* file, listed below, is the only file that is included with every bundle because it contains the setup script and other necessary information. The other zips are delivered based on the applications that a customer has purchased from MDW.

MDW Application	Name of Zip File Delivered	List of Files Contained in the Zip File
AdManipulator	AdManipulator.zip	<ul style="list-style-type: none"><li>◦ AdMipulator.gif</li><li>◦ classes12.zip</li><li>◦ com.morris.adman.jar</li><li>◦ jnlp1</li><li>◦ jnlp2</li><li>◦ jnlp3</li></ul>
BizLink	BizLink.zip	<ul style="list-style-type: none"><li>◦ BizLink.gif</li><li>◦ BizLink.jar</li><li>◦ Bizlink_User.pdf</li><li>◦ classes12.zip</li><li>◦ jnlp1</li><li>◦ jnlp2</li><li>◦ jnlp3</li></ul>
DictionaryManager	DictionaryManager.zip	<ul style="list-style-type: none"><li>◦ com.morris.dictman.jar</li><li>◦ commons-net-1.2.2.jar</li><li>◦ DictMan.gif</li><li>◦ jnlp1</li><li>◦ jnlp2</li><li>◦ MCCBeans.jar</li><li>◦ sfc.jar</li></ul>
mdDisplay	mdDisplay.zip	<ul style="list-style-type: none"><li>◦ All-MB.jar</li><li>◦ jnlp1</li></ul>

		<ul style="list-style-type: none"> <li>◦ jnlp2</li> <li>◦ MacOSXForker.jar</li> <li>◦ mdDisplay.api</li> <li>◦ mdDisplay.bin</li> <li>◦ mdDisplay.jpg</li> <li>◦ mdDisplay.pdf</li> <li>◦ mdDisplayConfig.jar</li> <li>◦ NativeLib.zip</li> </ul>
PressLink	PressLink.zip	<ul style="list-style-type: none"> <li>◦ classes12.zip</li> <li>◦ ClobXMLParser.jar</li> <li>◦ commons-net-1.2.2.jar</li> <li>◦ dynapub.jar</li> <li>◦ jakarta-regexp-1.3.jar</li> <li>◦ jnlp1</li> <li>◦ jnlp2</li> <li>◦ jnlp3</li> <li>◦ MCCBeans.jar</li> <li>◦ MDWCrypt.jar</li> <li>◦ PressLink.gif</li> <li>◦ sfc.jar</li> <li>◦ xercesImpl.jar</li> <li>◦ xml-apis.jar</li> <li>◦ xmlParserAPIs.jar</li> </ul>
TemplateManager	TemplateManager.zip	<ul style="list-style-type: none"> <li>◦ classes12.zip</li> <li>◦ jnlp1</li> <li>◦ jnlp2</li> <li>◦ jnlp3</li> <li>◦ mynewson.jar</li> <li>◦ TemplateManager.gif</li> </ul>
TimeLink	TimeLink.zip	<ul style="list-style-type: none"> <li>◦ classes12.zip</li> <li>◦ jnlp1</li> <li>◦ jnlp2</li> <li>◦ jnlp3</li> <li>◦ TimeLink.gif</li> <li>◦ TimeLink.jar</li> </ul>
morrisWS	morrisWS.zip	<ul style="list-style-type: none"> <li>◦ MDWCrypt.class</li> <li>◦ README</li> <li>◦ setup.sh</li> <li>◦ webStartInd1</li> <li>◦ webStartInd2</li> <li>◦ xbDetectBrowser.js</li> </ul>