

# Oracle® Retail CWDirect Order Management System

Java Upgrade Installation Instructions  
Release 18.0

August 2015

Copyright © 2015, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

---

## Oracle Retail VAR Applications

The following restrictions and provisions only apply to the programs referred to in this section and licensed to you. You acknowledge that the programs may contain third party software (VAR applications) licensed to Oracle. Depending upon your product and its version number, the VAR applications may include:

- (i) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.
- (ii) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Mobile Store Inventory Management.
- (iii) the software component known as **Access Via**™ licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Oracle Retail Labels and Tags.
- (iv) the software component known as **Adobe Flex**™ licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.

You acknowledge and confirm that Oracle grants you use of only the object code of the VAR Applications. Oracle will not deliver source code to the VAR Applications to you. Notwithstanding any other term or condition of the agreement and this ordering document, you shall not cause or permit alteration of any VAR Applications. For purposes of this section, "alteration" refers to all alterations, translations, upgrades, enhancements, customizations or modifications of all or any portion of the VAR Applications including all reconfigurations, reassembly or reverse assembly, re-engineering or reverse engineering and recompilations or reverse compilations of the VAR Applications or any derivatives of the VAR Applications. You acknowledge that it shall be a breach of the agreement to utilize the relationship, and/or confidential information of the VAR Applications for purposes of competitive discovery.

The VAR Applications contain trade secrets of Oracle and Oracle's licensors and Customer shall not attempt, cause, or permit the alteration, decompilation, reverse engineering, disassembly or other reduction of the VAR Applications to a human perceivable form. Oracle reserves the right to replace, with functional equivalent software, any of the VAR Applications in future releases of the applicable program.

---

## Contact Information

---

30500 Bruce Industrial Parkway  
Cleveland, OH 44139 USA  
Toll Free: 888.328.2826  
Tel: 440.498.4414  
Fax: 440.542.3043

1800 West Park Drive  
Westboro, MA 01581  
Tel: 508.655.7500  
Fax: 508.647.9495

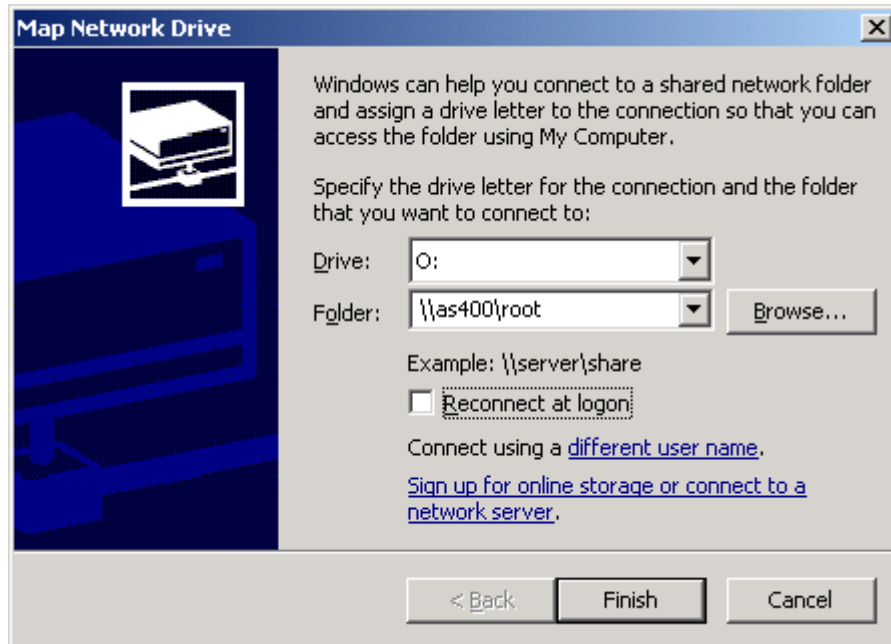
7031 Columbia Gateway Drive  
Columbia, MD 21046-2289  
Tel: 443.285.6000

**Overview** Note: The rebranding for the latest version of this document is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this document.

In CWDirect, the generation of certain XML messages was written in the Java programming language. These Java programs (classes) are stored on this CD and need to be installed in folders on your iSeries. The Java programs are stored in one of two folders. The folder structure on the iSeries is "CWJava\prod" for the production environment and "CWJava\test" for the test environment. Which folder is used is determined by the value defined in the "Classpath" field on the "Integration Layer Process" screen (Fast Path IJCT) in CWDirect. If the field is left blank, the system defaults to the "CWJava\prod" folder.

## Prerequisites to Loading the CD

1. A shared root directory must be setup on the iSeries. **Contact your System Administrator** for instructions on setting up a shared root directory on the iSeries. The "Mapping Instructions" are on pages 11 – 13 of this document.
2. You must map your PC to the "shared" network drive (root directory). To map the "shared" directory to your PC, follow the steps below:
  - Go to "My Computer" and then select "Tools," "Map Network Drive."
  - Assign a drive letter to the Drive.
  - In the "Folder" box, as shown below, replace "as400" with the name of your iSeries. For example, if the name of the iSeries is KMTAS400, you would enter "\\KMTAS400\root".
  - Click "Finish" to map the drive to your PC.



After clicking "Finish," you may be prompted to login. This will be your iSeries "user ID" and "Password."

## Install Options:

The Java objects can be installed into a test and production environment on the iSeries. There are two folders on the CD. The folder "CWJava\_test" contains the Test install. The folder "CWJava\_Production" contains the Production install.

You do not need to create these folders. The installation process will create these folder structures for you. If you first install the programs into a "test environment" (folder), you will need to repeat the installation into the "production environment" (folder). The steps for "Reinstallation" can be found on pages 9 – 10 of this document.

## Before you begin:

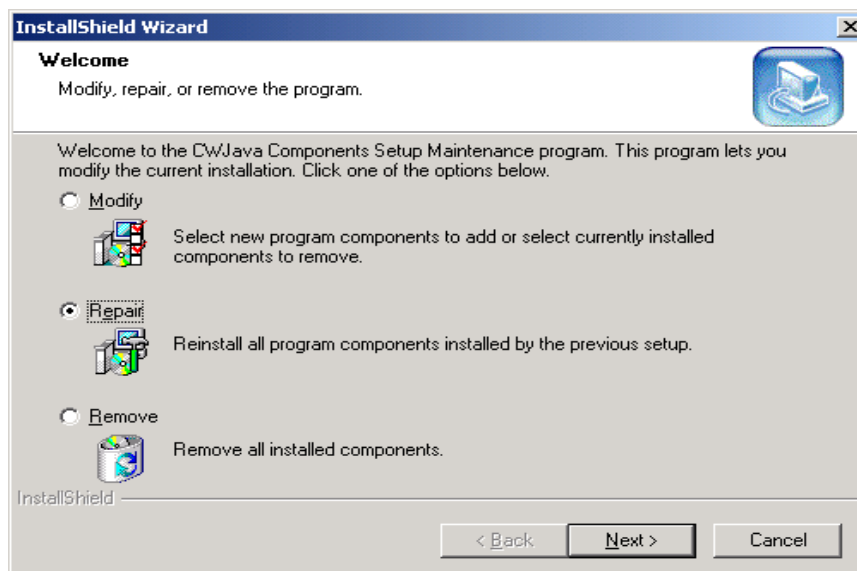
Go into CWDirect and "End All" Java jobs in "Work with Integration Layer Process" (Fast Path IJCT) and "Work with E-Commerce Job Control" (Fast Path EJCT) before installing this update.

## Install Steps:

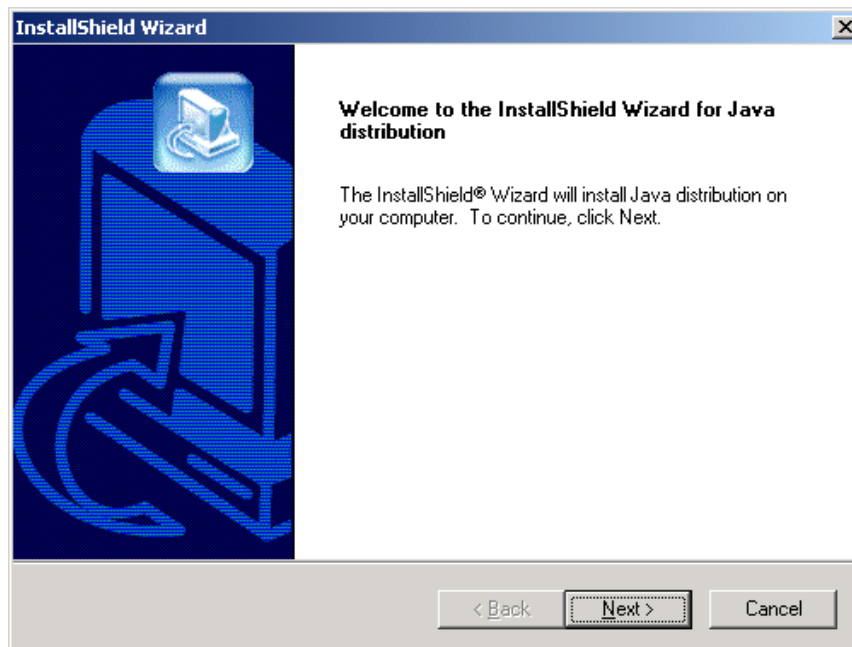
1. Insert the "Java Components Install" CD release 18.0 into your CD-ROM drive on your PC. "Java Components Install" is not an "auto run/auto play" CD. To manually install Java Components, go to "My Computer" and select the "CD" drive.
2. To install in your "test environment," select folder "CWJava\_test" and click on "setup.exe." To install in your "production environment," select folder "CWJava\_production" and click on "setup.exe."

**Note:** If you have previously installed "Java Components", step 3 will have you re-install the program. **Make a copy of the CWSysystem.jar** and store the copy in a secure location that will be backedup. Do not remove the CWSysystem.jar from the CommercialWare java directory. If you have never installed "Java Components," skip step 3 and proceed to step 7.

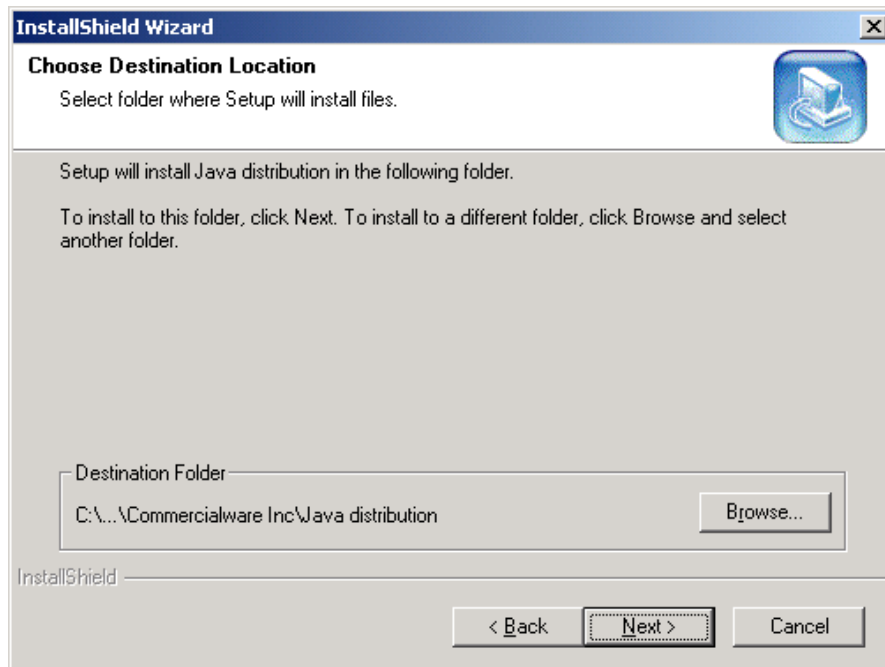
3. If a "CWJava" folder and other installation components already exist on your iSeries, meaning if you have already loaded the programs as part of previous upgrade, the InstallShield Wizard "Modify, Repair or Remove the Program" window will display as shown below. At this window, select "**Repair**" to update components to current version.



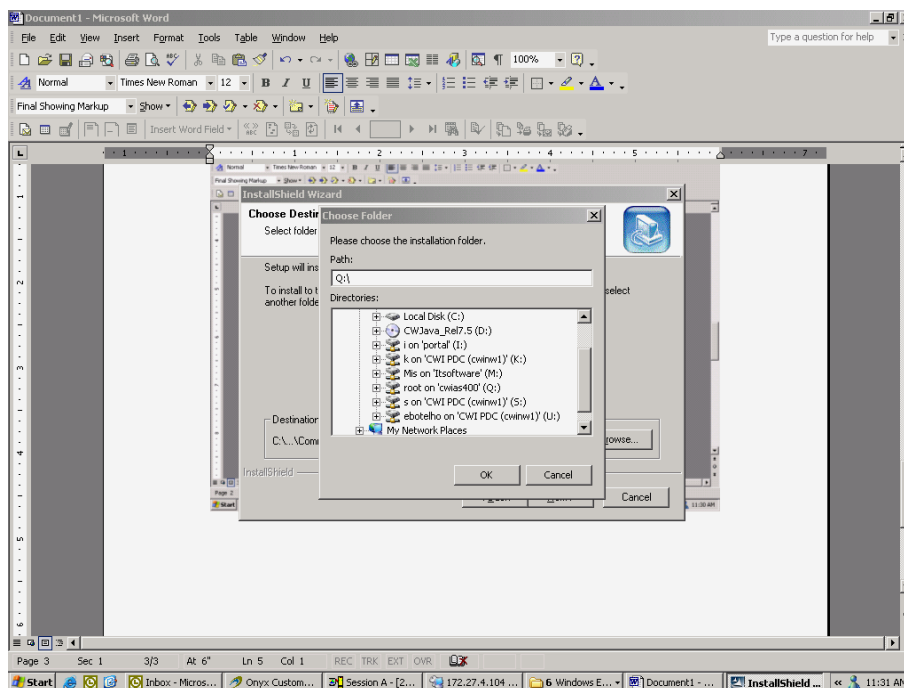
4. The final screen of the InstallShield will display. Click "Finish" to complete the reinstall.
5. Once update -install is complete, verify that the files in the target folder. For a test environment upgrade the folder is "CWJava/test" for a production upgrade folder is "CWJava/prod" This will have an update date of 06/12/2013 or later.
6. Installing new CWJava Components
7. The InstallShield Wizard "Welcome" window will display. Click "Next" to proceed.



8. At the InstallShield Wizard "Choose Destination Location" window, click "Browse" to continue.

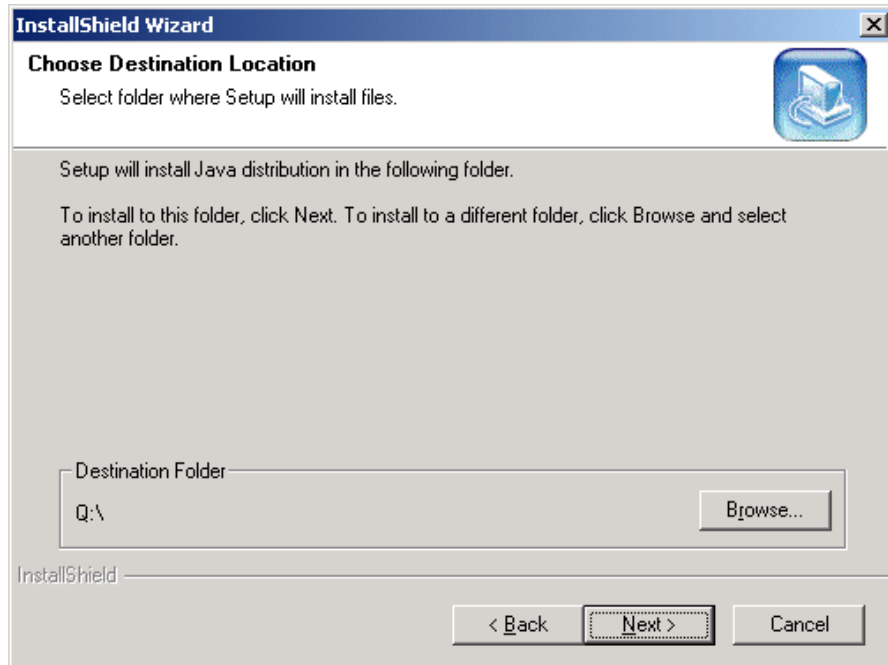


9. From your list of “mapped drives,” select the “iSeries” drive that you mapped in the “Prerequisites to Loading the CD” section of this document. Then click “OK” to accept your selection.

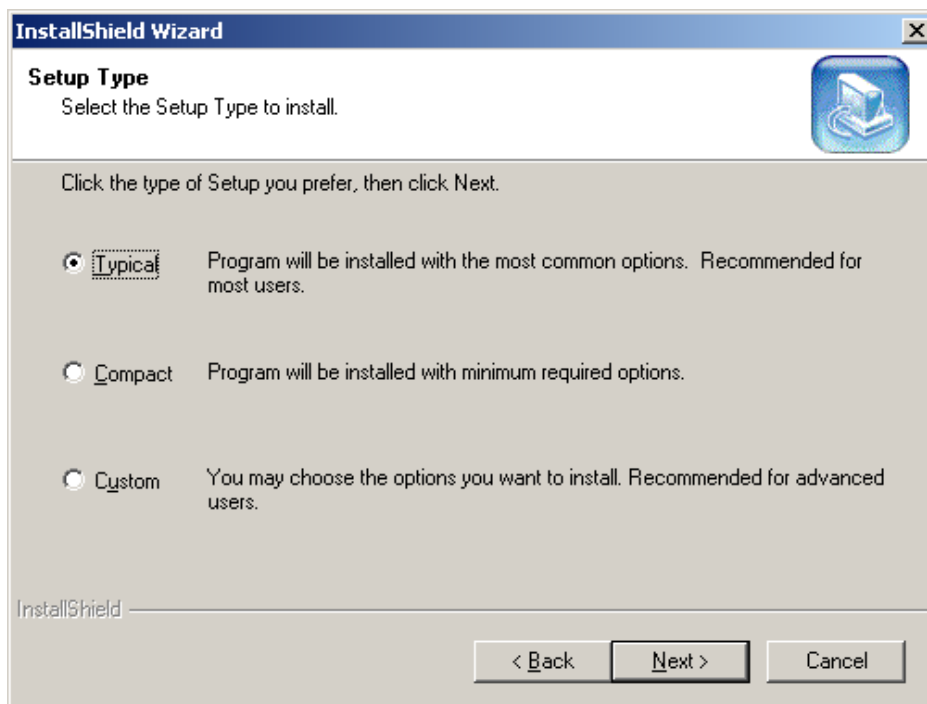


10. Your destination drive is now set. Click “Next” to continue.

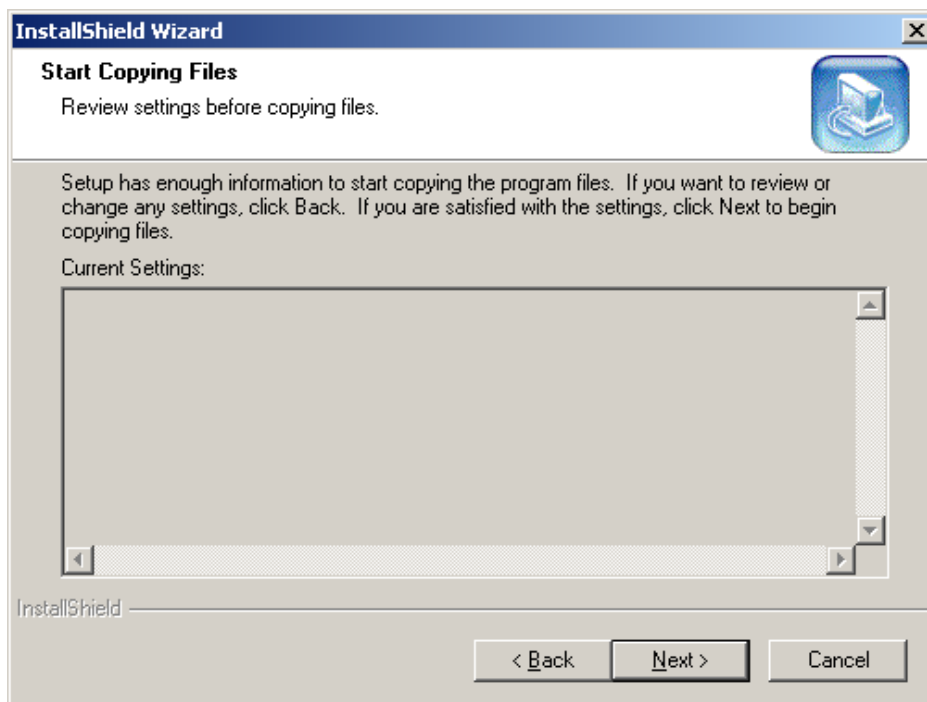




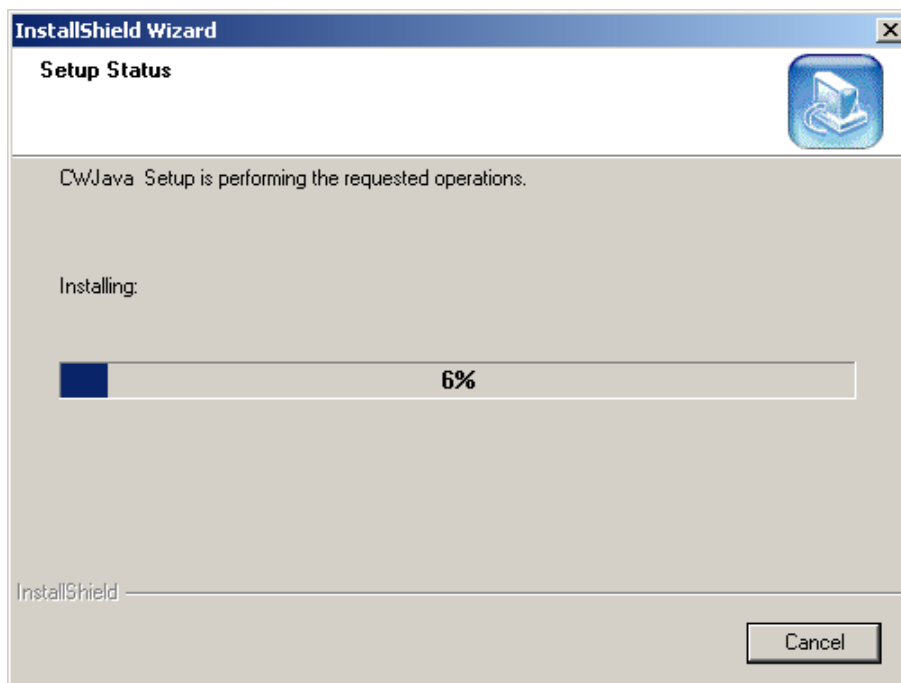
11. At the InstallShield Wizard "Setup Type" window, click "Next" to accept the default Setup Type of "Typical."



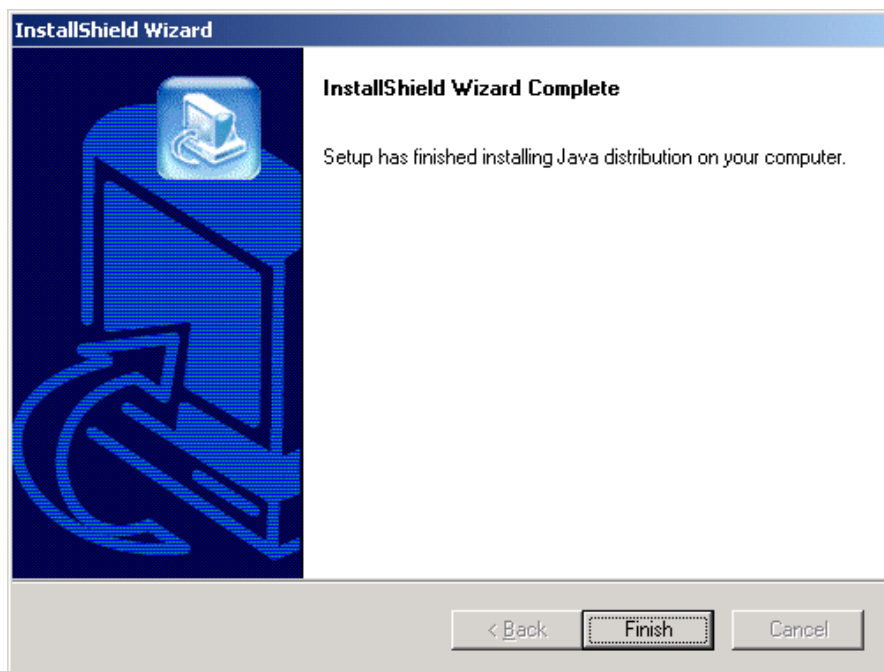
12. InstallShield Wizard is now ready to start installing the Java objects to your iSeries. Click "Next" to continue the install.



13. InstallShield will display the “progress bar” during the install.



14. The final screen of the InstallShield will display. Click “Finish” to complete the Java install.



## **New iSeries Folders:**

- The Install will create a new set of folders for the “Java objects” on your iSeries.
- For the “Production Install,” folders “CWJava\prod” and “mqjavalogs” will be created.
- For the “Test Install,” folders “CWJava\test” and “mqjavalogs” will be created.

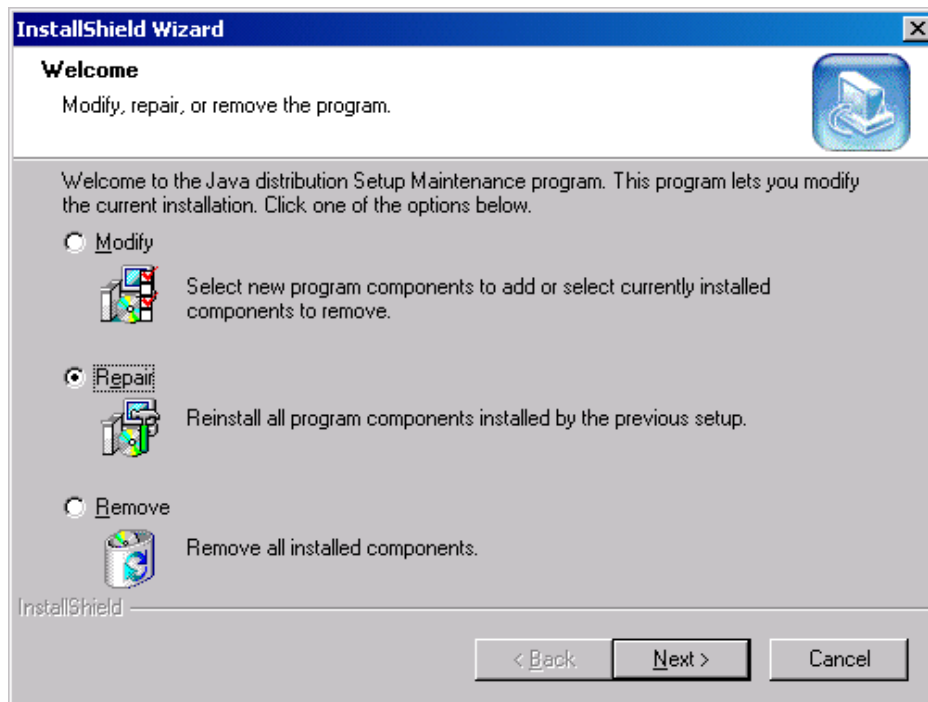
## **Verifying objects installed on the iSeries:**

- Under “My Computer,” select the “mapped drive” from the “Prerequisites to Loading the CD” section of this document. Locate folder “**CWJava**.” This folder and its contents were created by the “Java install”.

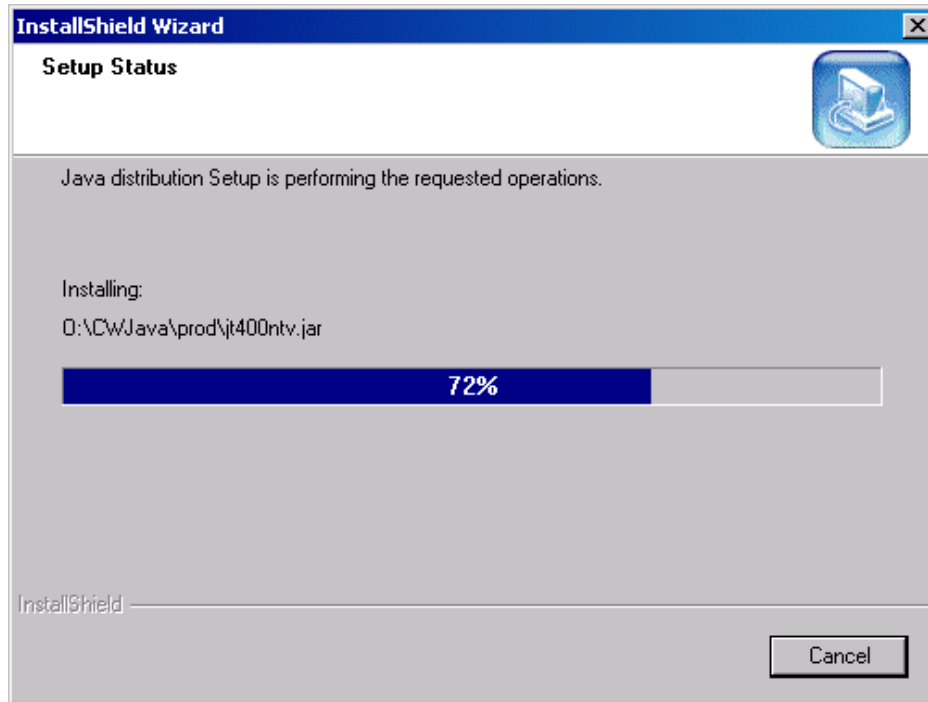
## Reinstallation

If a “CWJava” folder and other installation components already exist on your iSeries (for instance, if you have loaded the programs into the test folder), the InstallShield Wizard “Modify, Repair or Remove” window will display

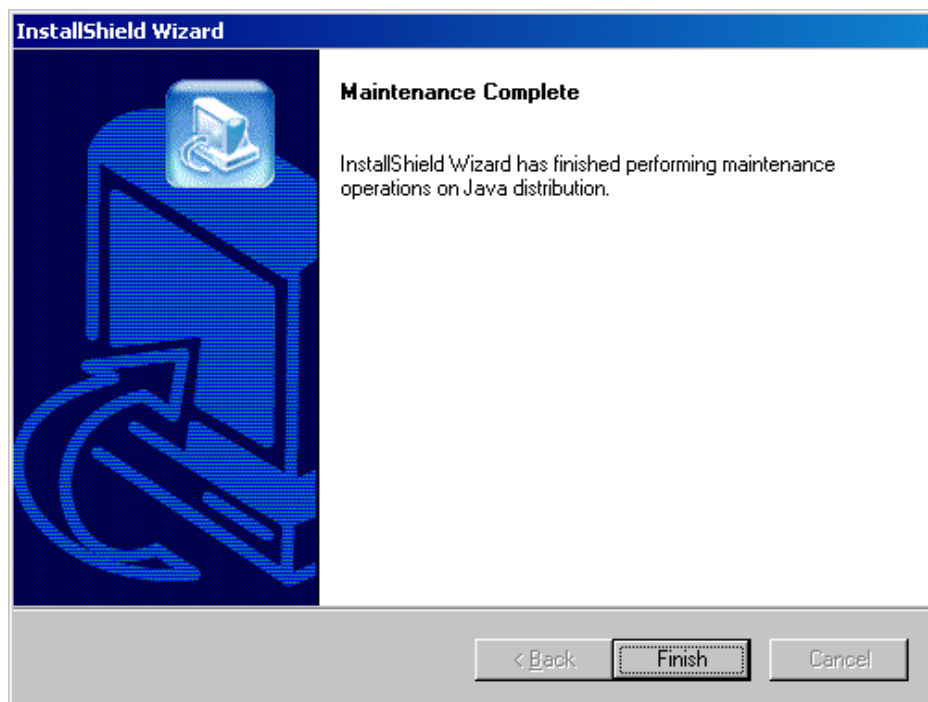
1. Select “Repair” if you are now installing the programs into your “production environment.” Otherwise, select the appropriate “option” based on your reason for reloading the CD.



2. Click “Next,” to display the InstallShield Wizard “Setup Status” window



3. Click "Finish" to complete the reinstallation.



## Mapping Instructions

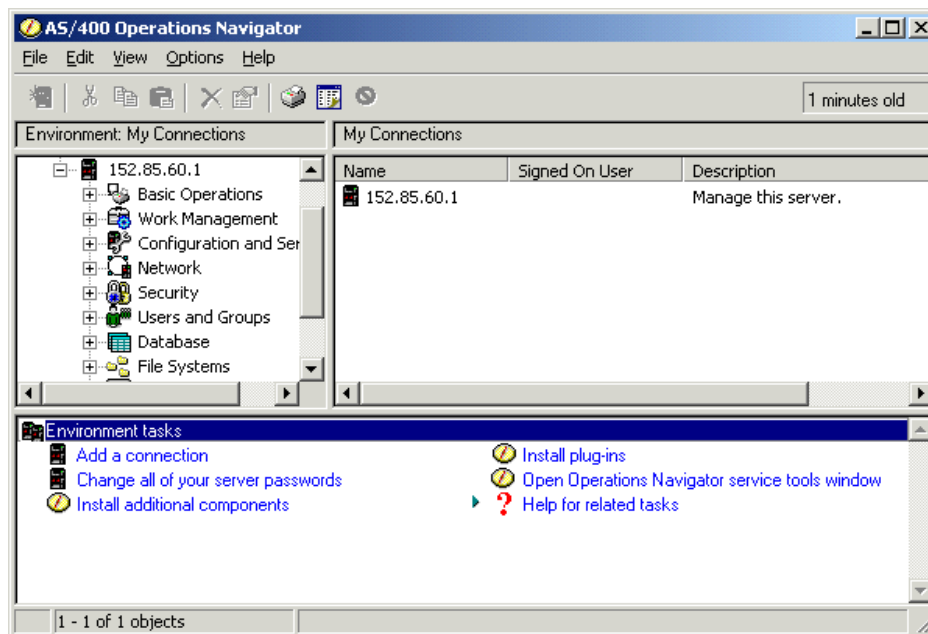
This section is to aid you in setting up a “shared” root directory on the iSeries, if it does not already exist. Before continuing, please verify these actions with your System Administrator.

### Requirements

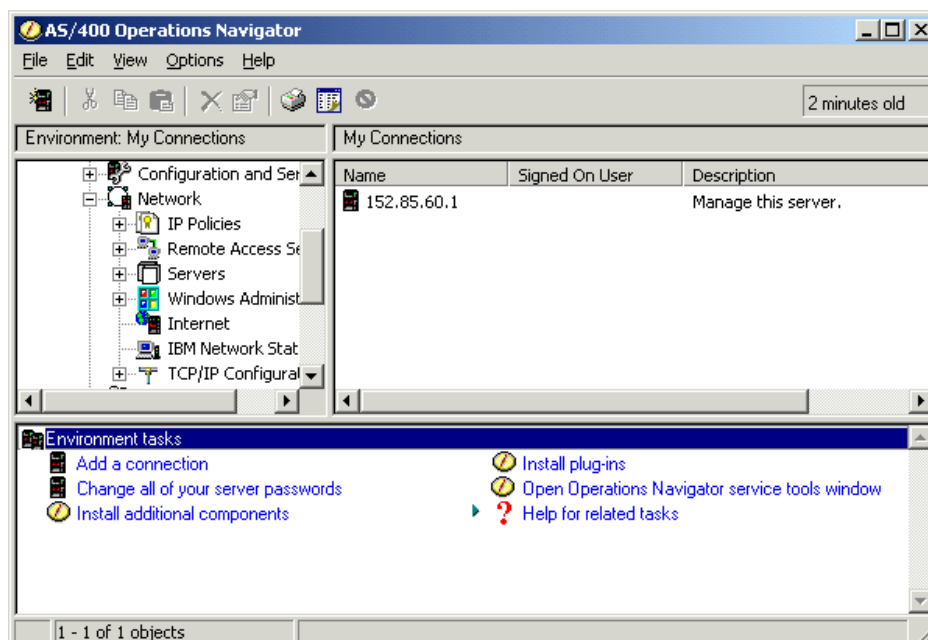
- Full installation of client access

### Instructions

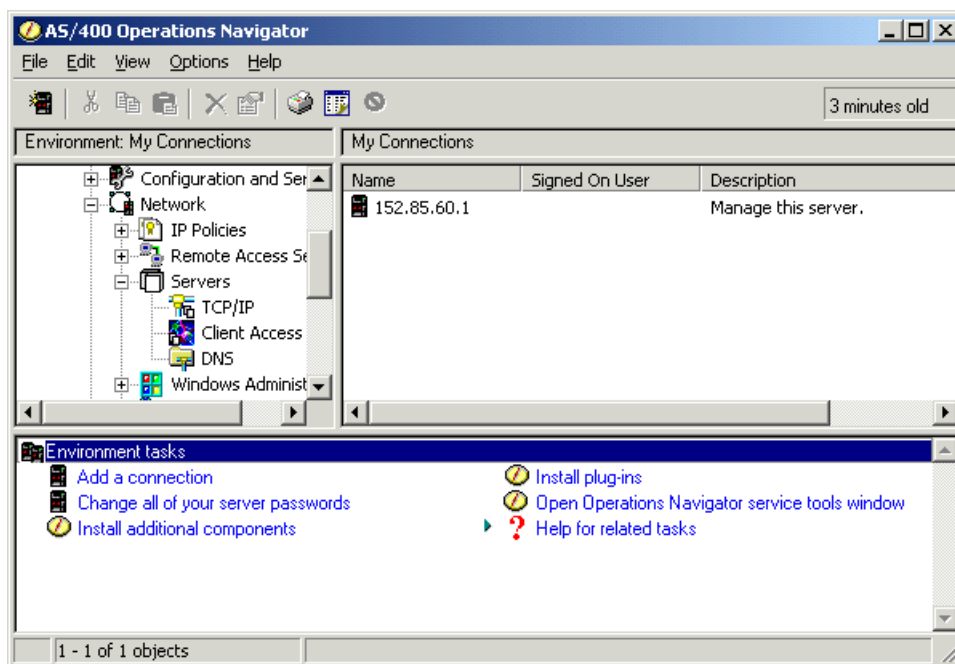
1. From iSeries / AS/400 Operations Navigator, expand the “Network” option.



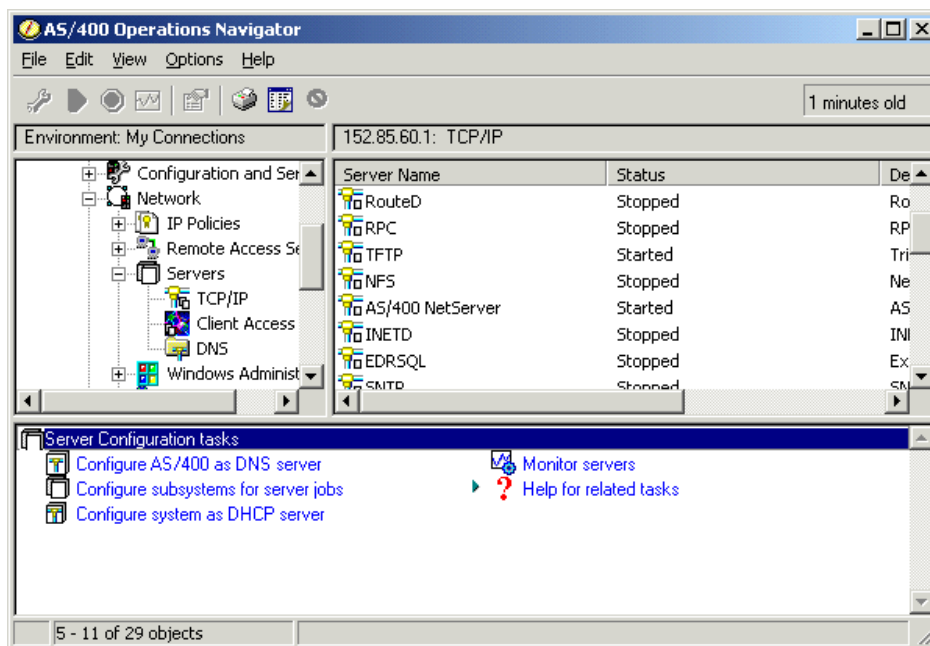
2. Expand the “Servers” option



3. Click on the "TCP/IP" option to retrieve a list of the "TCP/IP" servers available.

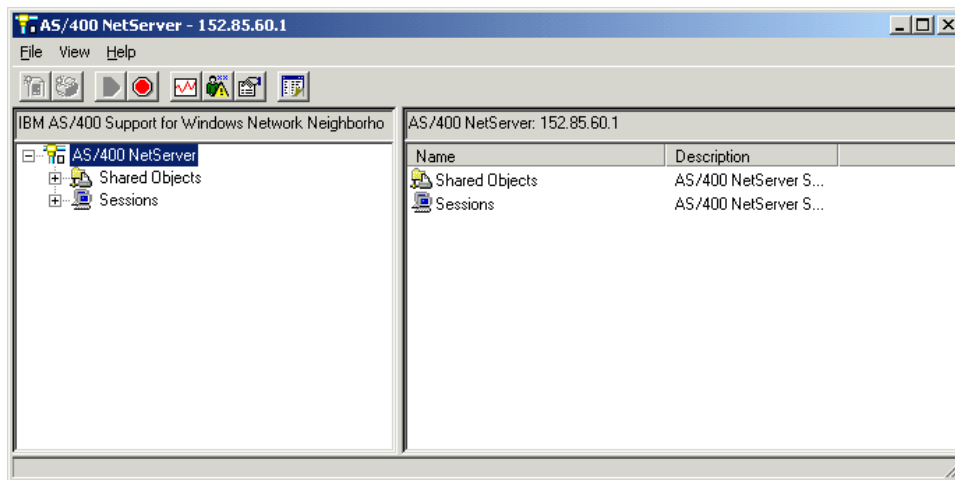


4. Double click on the "I5/OS" NetServer





5. “Right-click” on the shared objects and select “New” and then “File.”



6. Create the “shared” Root directory folder on your AS/400. Set the Path name value to “/ROOT.”

