

Oracle® Documaker

Docupresentment Installation Guide Version 13.0.2



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1

Installing Docupresentment on Linux and Solaris

This chapter provides information on installing Docupresentment on Linux and Solaris servers.

Overview

This topic describes how to install Docupresentment with shared objects using the default installation options. The steps in this topic tell you how to:

- Set up the basic infrastructure to support Docupresentment
- Install Docupresentment
- Make sure the system is working

Docupresentment is designed to work with third party applications, such as WebSphere Application Server, Apache, or Tomcat, and queuing managers such as IBM MQ. This topic does not provide installation instructions on non Oracle products. Please consult the specific product manuals for installation and configuration instructions for your particular Linux and Solaris environment. Docupresentment and Documaker Shared Objects are packaged as installation scripts for the Linux and Solaris environment. Typically, the file suffix identifies the target OS of the installer. For example, a script with an extension of `lnx` is for the Linux operating system, `spc` is for the Solaris SPARC operating system.

After you get the appropriate installation scripts, make sure the scripts have the *execute* permission on the file. The files must be installed as a *user* — not as *root*.

Hardware Test Environments

Docupresentment Server was tested on various Linux x86_64 distributions. This table lists the configurations that have been tested.

Linux systems

CPU	AMD® EPYC® CPU 7742 (Rome) @ 2.25G
Memory	8GB
Hard disk	150GB

Checking the Software Requirements

Docupresentment Server requires JRE 1.8 64-bit for Linux x86_64 and Solaris SPARC 11.4.

Check the server's installed Java version by typing the following command in a terminal window:

```
java -version
```

¹ Additional memory and faster CPU are not required, but will improve performance.

² Additional storage space required for your customized forms and workflows.

If you see an error, check your PATH environment variable to see if Java is in your path. You can use the *which java* command to see if Java is installed.

Creating the Required User and Directories

Oracle recommends that you install and run Docupresentment as a non-root *user*. Create the user account you will use to run Docupresentment Server if necessary.

When you execute the installation script, it prompts you for a directory location for the full installation. Typically, Docupresentment is installed in the home directory of the user you created.

Downloading the Software

Docupresentment is available for download through the Oracle Software Delivery Cloud website. The installation contains the server (including the SDK), bridges, and client.

You can pick Documaker component version separately from Docupresentment after having the separate installations for the required components. You would want the latest version and patch level of the software. You will find links to the latest patch levels of previous versions of Documaker at the My Oracle Support website: <https://support.oracle.com>

Installing the correct version of Shared Objects - Documaker Bridge is especially important if you plan to use Docupresentment to run Documaker. The installation of other bridges, such as the Documanage Bridge, is optional.

Using the Oracle Software Delivery Cloud

Oracle applications are available for download from the [Oracle Software Delivery Cloud](#) website. The process includes:

- Logging in and agreeing to the terms and restrictions
- Searching for the applications you want to download
- Downloading those applications

Note

To download the latest patches for the Oracle software you have already installed, visit the [My Oracle Support site](#) at this web address: <https://support.oracle.com>
To download the latest documentation, visit the Oracle Documents - Help Center (<http://docs.oracle.com>) web site: <https://docs.oracle.com/en/industries/financial-services/documaker/>

Before you begin

The [Oracle Software Delivery Cloud](#) lets you download versions of Oracle applications. Files on the Oracle Software Delivery Cloud are available in ZIP format. Once you download the files you need, extract the files in the ZIP file to proceed with the software installation.

Note

You can download the corresponding product documentation from the Oracle Documents web site: <https://docs.oracle.com/en/industries/financial-services/documaker/>

You can do download installations for the latest Critical Patch Updates for vulnerabilities and critical issues (CPUs) and Cumulative Patch Updates from My Oracle Support site: <https://support.oracle.com>

Oracle Security Alerts are published at <https://www.oracle.com/security-alerts/>

You will need Acrobat Reader or a similar program to view the PDF documentation. You can download Acrobat Reader at Adobe's site (www.adobe.com)

Follow these instructions to download Oracle applications:

1. First, go to the Oracle Software Delivery Cloud website: <https://edelivery.oracle.com>
2. Sign in with your Oracle account. If you do not have an Oracle account, you can register for an account [here](#).
3. Review and accept the Terms and Restrictions.
4. Select **Oracle Applications** from the Product Pack list or you can search the Product.
5. Once you have selected the desired program, select the desired platform.
6. The selected products are then listed. To remove them, click the X (cross) which is adjacent to the product.
7. Once you have selected the desired product and platform, click **Continue** to proceed.
8. License agreement is displayed. Once you are ready to proceed, check the checkbox, then click Continue.
9. Installations are displayed. To individually download files click on the filename, to download all files click on the 'Download All' button.
10. The Oracle Software Delivery Cloud prompts you to open or save the zipped file and then starts the download
While you can save the file on any machine you choose, we recommend you save the file onto the machine where you plan to run it. You must unzip the file on the platform for which it was intended. The length of time it takes to download an application depends on the size of the download, your connection speed, and the amount of traffic on the site.
11. Click **Sign Out** when you finish downloading the files you need.

Installing Docupresentment System

There are several installation and upgrade scenarios for Docupresentment version.

If you...	Follow...
Are installing Docupresentment for the first time	Scenario 1: New Installation section

If you...	Follow...
Have Docupresentment 1.x installed	Either: Scenario 2: Upgrading from a Release 1.x Environment (overlay) section or Scenario 4: Modified Upgrade from Release 1.x section
Have Docupresentment server 2.4 installed and would like to upgrade	Scenario 6: Patch Upgrade of Docupresentment Server Environment section
Have Docupresentment Server of same release installed and would like to perform a patch upgrade	Scenario 6: Patch Upgrade of Environment at current release section

Note

If you are using IBM MQ (WebSphere MQ or MQ Series) or ActiveMQ for the queuing method, you must make the IBM MQ or ActiveMQ jar files available to Docupresentment. See the “Installing Third-Party Jar Files” section of the [Docupresentment Guide](#) for more information.

Scenario 1: New Installation

Installing the system for the first time involves these tasks:

- Installing Docupresentment Server RTE
- Installing the Documaker Bridge Shared Objects RTE

Installing Docupresentment Server RTE

Follow these steps to install Docupresentment Server RTE:

1. Download the Docupresentment Server RTE and the Shared Objects installation scripts from the Oracle Software Delivery Cloud site to a directory where you have execution permissions
2. Execute the Docupresentment Server RTE installation script.
Enter the installation path. Either override the default installation directory location or press Enter to accept the default of /home/userid/docupresentment.

Note

The following example screens show what you would see if you logged in as *userid* and were installing Docupresentment server but installing to `/apps/documaker/odds` directory (where odds stands for Oracle Documaker Docupresentment Server).

```
* * * Docupresentment release (Turnover Level full version) (Type
RTE) Installation/Update * * * Loading, Please Wait ...
Please select an Installation/Update Directory:
Press <Enter> to accept default: </home/userid/docupresentment>
?>/apps/documaker/odds
```

3. Confirm the installation directory or correct it if a mistake was made when overriding the default.

```
Install Docupresentment release (RTE) to </scratch/sjsaunde/documaker/
odds>?
{y or n}?>y Install/Upgrade in progress. Please wait...
Updated Base Components ...
Install/Upgrade Base Components Complete.
```

4. Define the path of the 64-bit JRE directory or accept the default detected by the installation:

```
Where is your 64-bit Java 8 Run-time (JRE) Location?
(Example:/opt/jdk8_linux_64bit/jre)
?>/usr/java/jdk8_linux_64bit/jre
JRE Version=java version "1.8.0_431"
```

Setting up error email notifications

5. The installation script asks if you want to set up Watchdog error SMTP email notifications.

```
Option for WatchDog Error SMTP Email Notifications:
Do you want to configure this option now?
(Note: You can manually configure it later in the log4j logconf.xml file)
{y or n}?>
```

6. If you enter yes, the SMTP setup prompts appear:

```
Option for WatchDog Error SMTP Email Notifications:
Do you want to configure this option now?
(Note: You can manually configure it later in the log4j logconf.xml file)
{y or n}?>y
SMTP Server ?> mailrouter.domain.com
SMTP User Account ?> userid
SMTP Password ?> userpw
Send emails FROM user ?> odds@domain.com
Send emails TO user(s)
(Note: Can be a semicolon delimited list of email addresses)
?> admin@domain.com;it@domain.com
Send emails CC user(s)
```

```
(Note: Can be a semicolon delimited list of email addresses)
?> sysmanager@domain.com
Send emails to BCC user(s)
(Note: Can be a semicolon delimited list of email addresses)
?>
```

Make the appropriate entries, as described in this table:

For this prompt	Enter...
SMTP Server	Enter the name of the SMTP server.
SMTP User Account	Enter the user ID for the SMTP account.
SMTP Password	Enter the password for the user ID you set up as the SMTP User Account.
Send emails FROM user	Enter the email address from which the email will be sent.
Send emails TO user(s)	Enter the email addresses of the recipients you want to receive emails. Separate the email addresses with semicolons.
Send emails CC user(s)	Enter the email addresses of the recipients you want to receive courtesy copies (CC) of the emails. Separate the email addresses with semicolons.
Send emails to BCC user(s)	Enter the email addresses of the recipients you want to receive blind courtesy copies (BCC) of the emails. Separate the email addresses with semicolons.

After you answer the prompts or if you enter no to indicate you do not want to set up the error email notifications, the installation script finishes.

```
Installing Setup Files ...
Please Wait ...
New Installation Components Installed ...
RTE Installation Complete.
```

Installing the Documaker Bridge Shared Objects RTE

Follow these steps to install the Documaker Bridge shared objects:

1. Enter the installation path. Either override the default installation directory or press **Enter** to accept the default of `</home/userid/docupresentment/docserv>`. Please note that you must enter the same path (through the.../docserv level) that was supplied during the Docupresentment Server RTE installation. For this example, use Documaker Shared Objects.

```
* * * Documaker RP Shared Objects Bridge release (Turnover Level full
version) Installation/Update * * *
Loading, Please Wait ...
Please identify your Docupresentment Installation/Update Directory:
Note: Docupresentment directory must already exist.
Press <Enter> to accept default:
</home/userid/docupresentment\docserv>
?> /apps/documaker/odds/docserv
```

```
Install Docupresentment Documaker RP Shared Objects Bridge 1300 (Turnover
Level 13.0.0.0.40736) to </apps/documaker/odds/docserv>?
{y or n}?>y
```

```
Installation/Update in progress. Please wait...
Updated Base Components ...
```

```
Installing Setup Files ...
Please Wait ...
New Documaker RP Shared Objects Bridge Installation Components
Installed ...
```

```
Running logconfconvert.sh
Results:
```

```
logconf.xml.new
Setting up docserv.xml to use jre located at </usr/java/jdk8_linux_64bit/
jre> ...
```

```
Installation Complete.
```

2. Confirm the installation directory path or correct, if necessary.

```
Install Documaker RP Shared Objects Bridge release (Turnover Level full
version) to </apps/documaker/odds/docserv>?
{y or n}?>y
```

```
Installation/Update in progress. Please wait...
Updated Base Components ...
```

```
Installing Setup Files ...
Please Wait ...
New Documaker RP Shared Objects Bridge Installation Components
Installed ...
```

```
Running logconfconvert.sh
Results:
```

```
logconf.xml.new
Setting up docserv.xml to use jre located at </usr/java/jdk8_linux_64bit/
jre> ... ...
Installation Complete.
```

Docupresentment installs the base system with default HTTP queues. The system should function without additional modification.

Please see *Testing the Installation* section for instructions to test a simple request using the base Docupresentment system.

Scenario 2: Upgrading from a Version 1.X Environment (Overlay)

When planning a Docupresentment Server upgrade it is important to note the path name to the installation. If the previous version included, e.g. odds2.4, /home/userid/ docupresentment2 or some other semblance of a version number in the path, you must decide to keep the naming

convention same or rename the directory to more agnostic to version location, e.g. /home/userid/odds or /apps/docupresentment or some similar name

Docupresentment Server will correctly run in a directory path with a prior version name, such as /home/userid/odds2.4 or /home/userid/docupresentment2. However, accepting this naming convention could cause confusion during future support calls, so be sure to properly report your current version, revision, and patch level during conversations with support.

If you decide to modify the installation path, such as to /home/userid/odds, you must modify the following INI files in the docserv directory to reflect the new naming convention:

- docserv.xml (any request types that might call attachments)
- Bridge configuration INI and/or XML files (Documanager bridge configuration files such as dmgs_brs.ini)
- Documaker Shared Objects Bridge and Documaker Server RPDRunRP configuration files such as dap.ini, rpex1.ini, rpex1rpd.ini, and RPDRunRP fsuser and fsisys INI files)
- Any client specific INI or XML (docclnt.ini, docclient.xml, dsi.ini) files which reference the directory location.

Installing the Docupresentment Server RTE

1. Download the Docupresentment Server RTE and the Documaker Shared Objects (Documaker Bridge) installation scripts from the Oracle Software Delivery Cloud site to a directory where you have execute permissions

Note

The Shared Objects - Documaker Bridge version must match the Documaker Server system installed on the host system in both version and patch level.

2. Execute the Docupresentment Server RTE installation script.
Enter the installation path. You must point the installation to the directory with existing installation or the user-specified directory name.

```
* * * Docupresentment release (Turnover Level full version) (Type RTE)
Installation/Update * * *
Loading, Please Wait ...
Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/userid/odds>
?>
```

3. The system detects that a previous version of Docupresentment Server is resident. You must choose to back up and upgrade or quit. Oracle highly recommends that you choose option 1 for back up and upgrade. When doing so, the installation script will create a backup directory under the docserv directory.

```
Docupresentment installation </home/userid/odds> for version <1.8> already
exist.
Please select a upgrade type
1 = Backup and Upgrade Installation
2 = Upgrade Installation
3 = Quit
?>1
```

4. Confirm the chosen path or edit if necessary. Once correct, enter **Y** to complete the installation:

```
Install Docupresentment release (RTE) to </home/userid/odds>?
{y or n}?>y
Upgrade in progress. Please wait...
Updated Base Components ...
```

5. Define the path of the 64-bit JRE directory (64-bit JRE systems will not correctly install) or accept the default that is detected by the installation:

```
Where is your 64-bit Java 8 Run-time (JRE) Location?
(Example: /opt/jdk8_linux_64bit/jre )
?> /usr/java/jdk8_linux_64bit/jre
JRE Version=java version "1.8.0_431"

Installing Setup Files ...
Please Wait ...
New Installation Components Installed ...
```

Setting up error email notifications

6. The installation script asks if you want to set up Watchdog error SMTP email notifications.

```
Option for WatchDog Error SMTP Email Notifications:
Do you want to configure this option now?
(Note: You can manually configure it later in the log4j logconf.xml file)
{y or n}?>
```

7. If you enter Yes, the SMTP setup prompts appear:

```
SMTP Server ?>
SMTP User Account ?> SMPT
SMTP Password ?>
Send emails FROM user ?>
Send emails TO user(s)
(Note: Can be a semicolon delimited list of email addresses)
?>
Send emails CC user(s)
(Note: Can be a semicolon delimited list of email addresses)
?>
Send emails to BCC user(s)
(Note: Can be a semicolon delimited list of email addresses)
?>
```

Make the appropriate entries, as described in this table:

For this prompt	Enter...
SMTP Server	Enter the name of the SMTP server.
SMTP User Account	Enter the user ID for the SMTP account.
SMTP Password	Enter the password for the user ID you set up as the SMTP User Account.

For this prompt	Enter...
Send emails FROM user	Enter the email address from which the email will be sent.
Send emails TO user(s)	Enter the email addresses of the recipients you want to receive emails. Separate the email addresses with semicolons.
Send emails CC user(s)	Enter the email addresses of the recipients you want to receive courtesy copies (CC) of the emails. Separate the email addresses with semicolons.
Send emails to BCC user(s)	Enter the email addresses of the recipients you want to receive blind courtesy copies (BCC) of the emails. Separate the email addresses with semicolons.

After you answer the prompts or if you enter no to indicate you do not want to set up the error email notifications, the installation script finishes.

Installing Setup Files ...

Please Wait ...

```
mv: 0653-401 Cannot rename docserver.sh to docserver.sh_20080416114612:
```

```
A file or directory in the path name does not exist.
```

```
mv: 0653-401 Cannot rename docserver_simple.sh to
```

```
docserver_simple.sh_20080416114612:
```

```
A file or directory in the path name does not exist.
```

```
New Installation Components Installed ...
```

```
RTE Installation Complete.
```

Note

The errors shown in this step occur because the version 1.8 installation does not include the two newer files the system is trying to rename. You can ignore these error messages

Docupresentment installs the base system with default HTTP queues. The system should function without additional modification.

Please see *Testing the Installation* for instructions to test a simple request using the base Docupresentment system.

Scenario 3: Upgrading from Version 2.4

When planning a Docupresentment Server upgrade it is important to note the path name to the installation. If the previous version included version reference in the directory name, e.g. /home/userid/int024, /app/docupresentment2.4, /scratch/dmkr/odds2.4 or some other semblance of a version number in the path, you must decide to keep the naming convention same or rename the directory to /home/userid/odds_1 or some similar generic name

Docupresentment Server will correctly run in a directory path with a prior version name; however, accepting this naming convention could cause confusion during future support calls, so be sure to properly report your current version, revision, and patch level during conversations with support.

If you decide to modify the installation path to be agnostic to version you must modify the following INI files in the docserv directory to reflect the new naming convention:

- Docserv.xml (any request types that might call attachments)
- Bridge configuration INI and/or XML files (Documanager bridge configuration files such as dmgs_brs.ini)
- Documaker Bridge and Documaker Server RPDRunRP configuration files such as dap.ini, rpex1.ini, rpex1rpd.ini, and RPDRunRP fsuser.ini and fsisys.ini files)
- Any client specific INI or XML (docclnt.ini, docclient.xml, dsi.ini) files which reference the directory location.

Installing the Docupresentment Server RTE

1. Download the Docupresentment Server RTE and the Documaker Shared Objects (Documaker Bridge) installation scripts from the Oracle Software Delivery Cloud site to a directory where you have execution permissions.

Note

The Documaker Bridge Shared Objects version should match the Documaker Server system installed on the host system in both version and patch level.

2. Execute the Docupresentment Server RTE installation script. Enter the installation path. You must point the installation to the existing int0xx directory or the user-specified directory name.

```
* * * Docupresentment release (Turnover Level full version) (Type RTE)
Installation/Update * * *
Loading, Please Wait ...
```

```
Please select an Installation/Update Directory:
Press <Enter> to accept default: </home/userid/odds>
?>
```

3. The system detects that a previous version of Docupresentment is resident. You must choose to back up and upgrade or quit. Oracle highly recommends that you choose option 1 for back up and upgrade. When doing so, the installation script will create a backup directory under the docserv directory.

```
Docupresentment installation </home/userid/odds> for version <2.2> already
exist.
Please select a upgrade type
1 = Backup and Upgrade Installation
2 = Upgrade Installation
3 = Quit
?>2
```

4. Confirm the chosen path or edit if necessary. Once correct, enter Y to complete the installation:

```
Install Docupresentment Server (RTE) to </home/userid/docupresentment>?
{y or n}?>y
```

Upgrade in progress. Please wait...
Updated Base Components...

5. Define the path of the 64-bit Java 8 JRE directory or accept the default that is detected by the installation:

```
JRE Version=java version "1.8.x"
Where is your 64-bit Java 8 Run-time (JRE) Location?
(Example: /opt/jdk8_linux_64bit/jre )
?> /usr/java/jdk8_linux_64bit/jre
JRE Version=java version "1.8.0_431"
```

Installing Setup Files ...
Please Wait ...
New Installation Components Installed ...

Setting up error email notifications

6. The installation script asks if you want to set up Watchdog error SMTP email notifications.

```
Option for WatchDog Error SMTP Email Notifications:
Do you want to configure this option now?
(Note: You can manually configure it later in the log4j logconf.xml file)
{y or n}?>
```

7. If you enter yes, the SMTP setup prompts appear:

```
SMTP Server ?>
SMTP User Account ?>
SMTP Password ?>
Send emails FROM user ?>
Send emails TO user(s)
(Note: Can be a semicolon delimited list of email addresses)
?>
Send emails CC user(s)
(Note: Can be a semicolon delimited list of email addresses)
?>
Send emails to BCC user(s)
(Note: Can be a semicolon delimited list of email addresses)
?>
```

Make the appropriate entries, as described in this table:

For this prompt	Enter...
SMTP Server	Enter the name of the SMTP server.
SMTP User Account	Enter the user ID for the SMTP account.
SMTP Password	Enter the password for the user ID you set up as the SMTP User Account.
Send emails FROM user	Enter the email address from which the email will be sent.
Send emails TO user(s)	Enter the email addresses of the recipients you want to receive emails. Separate the email addresses with semicolons.

For this prompt	Enter...
Send emails CC user(s)	Enter the email addresses of the recipients you want to receive courtesy copies (CC) of the emails. Separate the email addresses with semicolons.
Send emails to BCC user(s)	Enter the email addresses of the recipients you want to receive blind courtesy copies (BCC) of the emails. Separate the email addresses with semicolons.

After you answer the prompts or if you enter no to indicate you do not want to set up the error email notifications, the installation script finishes.

```
Installing Setup Files ...
Please Wait ...
New Installation Components Installed ...
```

Docupresentment installs the base system with default HTTP queues. The system should function without additional modification.

Please see *Testing the Installation* for instructions to test a simple request using the base Docupresentment system.

Scenario 4: Modified Upgrade from Version 1.X

This scenario assumes the following criteria:

- You have an existing implementation of Docupresentment installed and configured on the host system.
- Docupresentment Server will be installed into a fresh installation directory and you will manually move any existing INI files and custom code specific to your installation to the Docupresentment Server installation directory.
- If you are using Docupresentment IDSRunRP functionality, this scenario also assumes that Documaker Server is installed and configured on the host system.
To perform a modified upgrade from Docupresentment version 1.x, you will complete these tasks:
 - *Installing Docupresentment Server RTE* section
 - *Installing Documaker Bridge Shared Objects* section
 - *Testing Your System* section
 - *Customizing Your Docupresentment Server Environment* section

Installing Docupresentment Server RTE

Follow these steps to install Docupresentment Server RTE:

1. Download the Docupresentment Server RTE and the Shared Objects - Documaker Bridge Server installation scripts from the Oracle Software Delivery Cloud site to a directory where you have execute permissions.

Note

The Shared Objects - Documaker Bridge version must match the Documaker Server system installed on the host system in both version and patch level.

2. Execute the Docupresentment Server RTE installation script.
Enter the installation path by either overriding the default installation directory location or pressing Enter to accept the default (/home/userid/docupresentment).

```
* * * Docupresentment release (Turnover Level full version) (Type RTE)
Installation/Update * * *
Loading, Please Wait ...
Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/userid/docupresentment>
```

3. Confirm the installation directory or correct it if a mistake was made when overriding the default.

```
Install Docupresentment version (RTE) to
</scratch/sjsaunde/documaker/odds>
{y or n}?>y
Install/Update in progress. Please wait...
Updated Base Components ...
```

4. Define the path of the 64-bit JRE directory. Accept the default detected by the installation:

```
Where is your 64-bit Java 8 Run-time (JRE) Location?
(Example:/opt/jdk8_linux_64bit/jre)
?> /usr/java/jdk8_linux_64bit/jre
JRE Version=java version "1.8.0_431"
Installing Setup Files ...
Please Wait ...
New Installation Components Installed ...
```

Installing Documaker Bridge Shared Objects

Follow these steps to install the Documaker Bridge shared objects:

1. Enter the installation path. Either override the default installation directory or press Enter to accept the default (</home/userid/docupresentment/docserv>). Please note you must enter the same path (through the.../docserv level) that was supplied during the Docupresentment Server RTE installation. For this example, use Documaker Shared Objects (Documaker Bridge).

```
* * * Documaker RP Shared Objects Bridge release (Turnover Level full
version) Installation/Update * * *
Loading, Please Wait ...
```

Please identify your Docupresentment Installation/Update Directory:
Note: Docupresentment directory must already exist.
Press <Enter> to accept default:

```
</home/sjsaunde/docupresentment/docserv>  
?>/scratch/sjsaunde/documaker/odds/docserv
```

2. Confirm the installation directory path or correct, if necessary.

```
Install Docupresentment Documaker RP Shared Objects Bridge release  
(Turnover Level full version) to  
</scratch/sjsaunde/documaker/odds/docserv>?  
{y or n}?>y  
Installation/Update in progress. Please wait...  
Updated Base Components ...  
Installing Setup Files ...  
Please Wait ...  
New Documaker RP Shared Objects Bridge Installation Components  
Installed ...  
Running logconfconvert.sh  
Results:  
  
logconf.xml.new  
Setting up docserv.xml to use jre located at </usr/java/jdk8_linux_64bit/  
jre> ...  
Installation Complete.
```

Testing your System

Docupresentment installs the base system with default HTTP queues. The system should function without additional modification.

Please see *Testing the Installation* for instructions to test a simple request using the base Docupresentment system.

Customizing your Docupresentment Server Environment

Once the base system has been installed and tested, you can begin the process of moving customizations from the existing Docupresentment installation to the Docupresentment Server directories

Note

Client customizations and configurations can vary greatly in both complexity and degree of customization. Therefore, it is highly recommended that you contact your Consulting Services representative for help in planning the transition properly. The following steps deal with the basic INI and XML configuration files that are shared among all client installations.

1. Rename or move the following INI and XML files in the new installation's docserv directory. These are the base Docupresentment files and will be replaced with the client configuration files: dap.ini, dsi.ini, docclnt.ini, docserv.ini, docclient.xml, and docserv.xml.
2. Copy the following files from the existing installation's docserv directory to the new installation's docserv directory: dap.ini, dsi.ini, docclnt.ini, docserv.ini, and any client specific INI files.
3. Modify any directory references in the copied INI files to correctly reference the new Docupresentment installation location.

4. Copy the client MRL to the new installation. Typically, the client MRL will be located in the docserv/mstres directory.
5. Create the docserv.xml and docclient.xml files using the iniconvert.sh utility. The following are the steps to perform the conversion:

- At the docserv directory of the new installation, enter:

```
./iniconvert.sh docserv.ini DocumentServerConvert.xml Docserv.xml
```

- At the docserv directory of the new installation, enter:

```
./iniconvert.sh dsi.ini DocumentClientConvert.xml Docclient.xml
```

These steps create the docserv.xml and docclient.xml files that Docupresentment Server uses for processing. These files replace the docserv.ini and the docclient.ini files used in previous versions of Docupresentment.

Once you move all client components to the new installation directories, see *Testing the Installation* to test the installation again.

Scenario 5: Modified Upgrade from Version 2.X

This scenario assumes the following criteria:

- You have an existing implementation of Docupresentment installed and configured on the host system.
- Docupresentment Server will be installed into a fresh installation directory, and you will manually move any existing INI files and custom code specific to your installation to the Docupresentment Server installation directory.
- If you are using Docupresentment IDSRUNRP functionality, this scenario also assumes that Documaker Server is installed and configured on the host system.

To perform a modified upgrade from Docupresentment version 2.x, you will complete these tasks:

- Installing Docupresentment Server RTE section
- Installing Documaker Bridge Shared Objects section
- Testing Your System section
- Customizing Your Docupresentment Server3 Environment section

Installing Docupresentment Server RTE

Follow these steps to install Docupresentment Server RTE:

1. Download the Docupresentment Server RTE and the Documaker Shared Objects (Documaker Bridge) installation scripts from the Oracle Software Delivery Cloud site on a directory where you have execution permissions

Note

The Documaker Shared Objects version must match the Documaker Server system installed on the host system in both version and patch level.

2. Execute the Docupresentment Server RTE installation script.

Enter the installation path by either overriding the default installation directory location or pressing Enter to accept the default (/home/userid/docupresentment).

```
* * * Docupresentment release (Turnover Level full version) (Type RTE)
Installation/Update * * *
Loading, Please Wait ...
Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/sjsaunde/docupresentment>
?>
```

3. Confirm the installation directory or correct it if a mistake was made when overriding the default.

```
Install Docupresentment release (RTE) to
</scratch/sjsaunde/documaker/odds>?
{y or n}?>y
Install/Update in progress. Please wait...
Updated Base Components ...
```

4. Define the path of the 64-bit JRE directory. Accept the default detected by the installation:

```
Where is your 64-bit Java 8 Run-time (JRE) Location?
(Example:/opt/jdk8_linux_64bit/jre)
?>/usr/java/jdk8_linux_64bit/jre
JRE Version=java version "1.8.0_431"
```

Installing Documaker Bridge Shared Objects

Follow these steps to install the Documaker Bridge shared objects:

1. Enter the installation path. Either override the default installation directory or press Enter to accept the default (</home/userid/docupresentment/docserv>). Please note you must enter the same path (through the.../docserv level) that was supplied during the Docupresentment Server RTE installation. For this example, use Documaker Shared Objects.

```
* * * Documaker RP Shared Objects Bridge release (Turnover Level full
version) Installation/Update * * *
Loading, Please Wait ...
Please identify your Docupresentment Installation/Update
Directory:
Note: Docupresentment directory must already exist.
Press <Enter> to accept default:
</home/userid/docupresentment/docserv >
?>
```

2. Confirm the installation directory path or correct, if necessary.

```
Install Documaker RP Shared Objects Bridge release (Turnover Level full
version) to
</scratch/sjsaunde/documaker/odds/docserv>?
{y or n}?>y
Installation/Update in progress. Please wait...
Updated Base Components ...
```

```
Installing Setup Files ...  
Please Wait ...
```

```
New Documaker RP Shared Objects Bridge Installation Components  
Installed ...  
Running logconfconvert.sh  
Results:
```

```
logconf.xml.new  
Setting up docserv.xml to use jre located at </usr/java/jdk8_linux_64bit/  
jre> ...  
Installation Complete.
```

Testing your System

Docupresentment installs the base system with default HTTP queues. The system should function without additional modification.

Please see *Testing the Installation* for instructions to test a simple request using the base Docupresentment system.

Customizing your Docupresentment Server Environment

Once the base system has been installed and tested, you can begin the process of moving customizations from the existing Docupresentment installation to the Docupresentment Server directories.

Note

Client customizations and configurations can vary greatly in both complexity and degree of customization. Therefore, it is highly recommended that you contact your Consulting Services representative for help in planning the transition and executing the migration.

These steps deal with the basic XML configuration files that are shared by all client installations:

1. Create a backup copy of the following INI and XML files in the new installation's docserv directory (these are the base Docupresentment files and will be modified): dap.ini, dsi.ini, docclient.xml, and docserv.xml.
2. Modify any directory references in these INI and XML files to correctly reference the new Docupresentment installation location.
3. Copy the client MRL to the new installation. Typically, the client MRL will be located in the docserv/mstrres directory.
4. Modify the base Docupresentment Server docserv.xml and docclient.xml files to include these changes:
 - Queuing systems. Modify the existing queuing settings to use the queuing methodology your environment uses. Also modify the dsi.ini file to include the queuing changes
 - Customized client request types. The base Docupresentment system includes only base client request types. Client specific customized request types should be copied and pasted to the new docserv.xml file. If any of the request types include a path that

includes the new Docupresentment installation path, be sure to modify those paths in the request types.

- **Configurations.** You can copy the dap.ini file from your existing Docupresentment 2.x environment to the newly-created Docupresentment Server environment (be sure to create a backup copy first in the docserv directory). This makes sure the configuration information is available to the Docupresentment Server installation

Once you move all client components to the new installation directories, see *Testing the Installation* section to test the installation again.

Scenario 6: Patch Docupresentment Environment

Follow these steps to apply a patch to an Docupresentment Server installation:

1. Download the Docupresentment Server RTE script to a directory where you have execution permissions.
2. Execute the Docupresentment Server RTE installation script.
Enter the installation path: You must point the installation to the existing directory or the user-specified directory name.

```
* * * Docupresentment release (Turnover Level full version) (Type RTE)
Installation/Update * * *
Loading, Please Wait ...
Please select an Installation/Update Directory:
Press <Enter> to accept default: </home/userid/docupresentment>
?>
```

3. The system detects that a previous version of Docupresentment Server is resident. You must choose to back up and update or quit. Oracle highly recommends that you choose option 1 for back up and update. When doing so, the installation script will create a backup directory under the docserv directory.

```
Docupresentment installation </home/userid/docupresentment>
for version <release> already exist.
Please select a upgrade type
1 = Backup and Upgrade Installation
2 = Upgrade Installation
3 = Quit
?>1
```

4. Confirm the chosen path or edit if necessary. Once correct, enter **Y** to complete the installation:

```
Update Docupresentment release (RTE) to
</home/userid/docupresentment>?
{y or n}?>y
Install/Update in progress. Please wait...
Updated Base Components ...
RTE Installation Complete
```

Docupresentment installs the base system with default HTTP queues. The system should function without additional modification.

Please see *Testing the Installation* for instructions to test a simple request using the base Docupresentment system.

Testing the Installation

Follow these steps to test your installation:

1. Start the Docupresentment Server by navigating to the `../docserv` directory for the installation and enter:

```
./docserver.sh start
```

Note

Note that the shell script to start Docupresentment changed from `docserv.sh` to `docserver.sh`. There are also additional use suffixes of: `start`, `stop`, and `status` that must be appended to the end of the `docserver.sh` script commands. Previously, to stop the Docupresentment server, you would issue the `Ctrl+C` command. Current versions require you to issue the command `docserver.sh stop` to shutdown the server.

2. Enter this command:

```
./threads.sh display=yes reqtype=SSS
```

3. The following output should be directed to the Docupresentment console screen. The error count should be zero (0) and the results variable should be SUCCESS:

```
./threads.sh display=yes reqtype=sss
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/
envelope/">
  <SOAP-ENV:Body>
    <DSIMSG VERSION="13.0.0.0-13.0.0.0.40713">
      <CTLBLOCK>
        <UNIQUE_ID>085D33CC-7354-EAD2-A13A-D4B05DC3</UNIQUE_ID>
        <REQTYPE>sss</REQTYPE>
      </CTLBLOCK>
      <MSGVARS>
        <VAR NAME="ERRORCOUNT">0</VAR>
        <VAR NAME="IDSGUID">57E8A2C8-DE64-D94C-8F35-ADF0B08EC79E</VAR>
        <VAR NAME="IDSHOSTNAME">fsgbu-phx-200</VAR>
        <VAR NAME="LASTRESTART">Dec 24, 2024 9:51:40 PM UTC</VAR>
        <VAR NAME="RESTARTCOUNT">0</VAR>
        <VAR NAME="RESULTS">SUCCESS</VAR>
        <VAR NAME="SERVERTIMESPENT">0.039</VAR>
        <VAR NAME="SUCCESSCOUNT">0</VAR>
        <VAR NAME="UPTIME">Dec 24, 2024 9:51:40 PM UTC</VAR>
        <VAR NAME="WARNINGCOUNT">0</VAR>
        <ROWSET NAME="LIBRARIES">
          <ROW NUM="1">
            <VAR NAME="DATE">Nov 2 2024</VAR>
            <VAR NAME="NAME">dsicrule</VAR>
            <VAR NAME="TIME">18:26:44</VAR>
            <VAR NAME="VERSION">12,3,0,0</VAR>
```



```
</ROW>
<ROW NUM="2">
  <VAR NAME="DATE">Nov  2 2024</VAR>
  <VAR NAME="NAME">DSIOS2</VAR>
  <VAR NAME="TIME">18:26:51</VAR>
  <VAR NAME="VERSION">12,3,0,0</VAR>
</ROW>
<ROW NUM="3">
  <VAR NAME="DATE">Nov  2 2024</VAR>
  <VAR NAME="NAME">dsijava</VAR>
  <VAR NAME="TIME">18:27:03</VAR>
  <VAR NAME="VERSION">12,3,0,0</VAR>
</ROW>
<ROW NUM="4">
  <VAR NAME="DATE">Nov  2 2024</VAR>
  <VAR NAME="NAME">jexec</VAR>
  <VAR NAME="TIME">18:27:08</VAR>
  <VAR NAME="VERSION">12,3,0,0</VAR>
</ROW>
<ROW NUM="5">
  <VAR NAME="DATE">Nov  2 2024</VAR>
  <VAR NAME="NAME">ARC</VAR>
  <VAR NAME="TIME">18:37:57</VAR>
  <VAR NAME="VERSION">13.0.0.0.40713</VAR>
</ROW>
<ROW NUM="6">
  <VAR NAME="DATE">Nov  2 2024</VAR>
  <VAR NAME="NAME">CAR</VAR>
  <VAR NAME="TIME">18:33:09</VAR>
  <VAR NAME="VERSION">13.0.0.0.40713</VAR>
</ROW>
<ROW NUM="7">
  <VAR NAME="DATE">Nov  2 2024</VAR>
  <VAR NAME="NAME">DAL</VAR>
  <VAR NAME="TIME">18:38:22</VAR>
  <VAR NAME="VERSION">13.0.0.0.40713</VAR>
</ROW>
<ROW NUM="8">
  <VAR NAME="DATE">Nov  2 2024</VAR>
  <VAR NAME="NAME">DB5</VAR>
  <VAR NAME="TIME">18:33:33</VAR>
  <VAR NAME="VERSION">13.0.0.0.40713</VAR>
</ROW>
<ROW NUM="9">
  <VAR NAME="DATE">Nov  2 2024</VAR>
  <VAR NAME="NAME">DB</VAR>
  <VAR NAME="TIME">18:32:11</VAR>
  <VAR NAME="VERSION">13.0.0.0.40713</VAR>
</ROW>
<ROW NUM="10">
  <VAR NAME="DATE">Nov  2 2024</VAR>
  <VAR NAME="NAME">DPR</VAR>
  <VAR NAME="TIME">18:43:03</VAR>
  <VAR NAME="VERSION">13.0.0.0.40713</VAR>
</ROW>
<ROW NUM="11">
```

```

        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">DS</VAR>
        <VAR NAME="TIME">18:32:28</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="12">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">DXM</VAR>
        <VAR NAME="TIME">18:30:59</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="13">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">FAP</VAR>
        <VAR NAME="TIME">18:31:55</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="14">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">FNT</VAR>
        <VAR NAME="TIME">18:35:39</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="15">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">GRF</VAR>
        <VAR NAME="TIME">18:33:16</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="16">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">INI</VAR>
        <VAR NAME="TIME">18:30:21</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="17">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">LBY</VAR>
        <VAR NAME="TIME">18:38:38</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="18">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">LOG</VAR>
        <VAR NAME="TIME">18:34:30</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="19">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">MTC</VAR>
        <VAR NAME="TIME">18:43:39</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="20">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">PRT</VAR>

```

```

        <VAR NAME="TIME">18:32:49</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="21">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">TIF</VAR>
        <VAR NAME="TIME">18:33:53</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="22">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">USR</VAR>
        <VAR NAME="TIME">18:38:05</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="23">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">UTL</VAR>
        <VAR NAME="TIME">18:30:37</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="24">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">VMM</VAR>
        <VAR NAME="TIME">18:29:55</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="25">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">XER</VAR>
        <VAR NAME="TIME">18:36:17</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
    <ROW NUM="26">
        <VAR NAME="DATE">Nov  2 2024</VAR>
        <VAR NAME="NAME">XMC</VAR>
        <VAR NAME="TIME">18:35:30</VAR>
        <VAR NAME="VERSION">13.0.0.0.40713</VAR>
    </ROW>
</ROWSET>
</MSGVARS>
</DSIMSG>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

Total test time=227 ms.
Transactions run <1>
Success count <1>
Error count <0>

```

Uninstalling the System

To uninstall Docupresentment on Linux and Solaris, just remove the base installation directory and all its sub-directories. It may also be necessary to remove any HTML and CGI-BIN directories if they are external to the base installation directory.

2

Installing Docupresentment on Windows

This chapter provides information on installing Docupresentment on Windows-based machines.

Note

For information on system requirements, see *System Requirements Reference Guide*

Windows Overview

The files that make up Docupresentment and its bridges include:

- Java programs executed by a Java Runtime for your operating system
- Dynamically Shared Objects (DSOs)
On Windows environments, DSOs are typically named *.dll. On Linux and Solaris environments, DSOs are often named lib*.so.
- HTML content pages
- HTML templates
There are several Java components that run on a server machine, including a server that handles back-end processing and communicates with installed bridge products from Documaker. Java client components that can be run from a J2EE application server, and a CGI client for older clients. The bridge products let you...
- Read Documaker archives
- Search and retrieve documents from Documanage via the Internet
- Convert Metacode and AFP print streams created by the Documerge and Documaker systems and stored in a Documanage database into PDF files
- Use Docuflex as a composition engine for Docupresentment on Windows

Enterprise Web Processing Services

Docupresentment Server for Windows includes Enterprise Web Processing Services (EWPS). EWPS makes it easier to integrate applications, providing a set of web services for accessing the Documaker forms library and initiating real-time publishing operations. This helps you deliver the information requested by your clients, prospects, employees, and business partners.

When you install Docupresentment on Windows, the installation routine creates the following directory and copies into it the ewps-axis2.war file:

```
..\docserv\webservices  
ewps-axis2.war
```

See *Enterprise Web Processing Services User Guide* for more information.

Downloading the Software

Docupresentment is available for download via the Oracle Software Delivery Cloud website. The installation contains the server (including the SDK), bridges, and client.

Having separate installations for the required components lets you pick the version of Documaker components separately from Docupresentment. Generally, you would want the latest version and patch level of the software. You will find links to the latest patch levels of previous versions of Documaker at the My Oracle Support website: <https://support.oracle.com>

Installing the correct version of Documaker Shared Objects for Docupresentment (a.k.a. Documaker Bridge) is especially important if you plan to use Docupresentment Server to run Documaker. The installation of other bridges, such as the Documanager Bridge, is optional.

Note

Java 8 JRE (Java Runtime Environment 1.8) is installed with Docupresentment Server. After installing the Docupresentment Server and J2SE JRE you will need to install a matching version of Documaker Shared Objects (a.k.a. Documaker Bridge).

Using the Oracle Software Delivery Cloud

Oracle applications are available for download from the [Oracle Software Delivery Cloud](#) website. The process includes:

- Logging in and agreeing to the terms and restrictions
- Searching for the applications you want to download
- Downloading those applications

Note

To download the latest patches for the Oracle software you have already installed, visit the [My Oracle Support site](#) at this web address: <https://support.oracle.com>
To download the latest documentation, visit the Oracle Documents - Help Center (<http://docs.oracle.com>) web site: <https://docs.oracle.com/en/industries/financial-services/documaker/>

Before you begin

The [Oracle Software Delivery Cloud](#) lets you download versions of Oracle applications. Files on the Oracle Software Delivery Cloud are available in ZIP format. Once you download the files you need, extract the files in the ZIP file to proceed with the software installation.

Note

You can download the corresponding product documentation from the Oracle Documents web site: <https://docs.oracle.com/en/industries/financial-services/documaker/>

You can do download installations for the latest Critical Patch Updates for vulnerabilities and critical issues (CPUs) and Cumulative Patch Updates from My Oracle Support site: <https://support.oracle.com>

Oracle Security Alerts are published at <https://www.oracle.com/security-alerts/>

You will need Acrobat Reader or a similar program to view the PDF documentation. You can download Acrobat Reader at Adobe's site (www.adobe.com)

Follow these instructions to download Oracle applications:

1. First, go to the Oracle Software Delivery Cloud website: <https://edelivery.oracle.com>
2. Sign in with your Oracle account. If you do not have an Oracle account, you can register for an account [here](#).
3. Review and accept the Terms and Restrictions.
4. Select **Oracle Applications** from the Product Pack list or you can search the Product.
5. Once you have selected the desired program, select the desired platform.
6. The selected products are then listed. To remove them, click the X (cross) which is adjacent to the product.
7. Once you have selected the desired product and platform, click **Continue** to proceed.
8. License agreement is displayed. Once you are ready to proceed, check the checkbox, then click Continue.
9. Installations are displayed. To individually download files click on the filename, to download all files click on the 'Download All' button.
10. The Oracle Software Delivery Cloud prompts you to open or save the zipped file and then starts the download
While you can save the file on any machine you choose, we recommend you save the file onto the machine where you plan to run it. You must unzip the file on the platform for which it was intended. The length of time it takes to download an application depends on the size of the download, your connection speed, and the amount of traffic on the site.
11. Click **Sign Out** when you finish downloading the files you need.

Installing the Docupresentment Server

Before you start the installation...

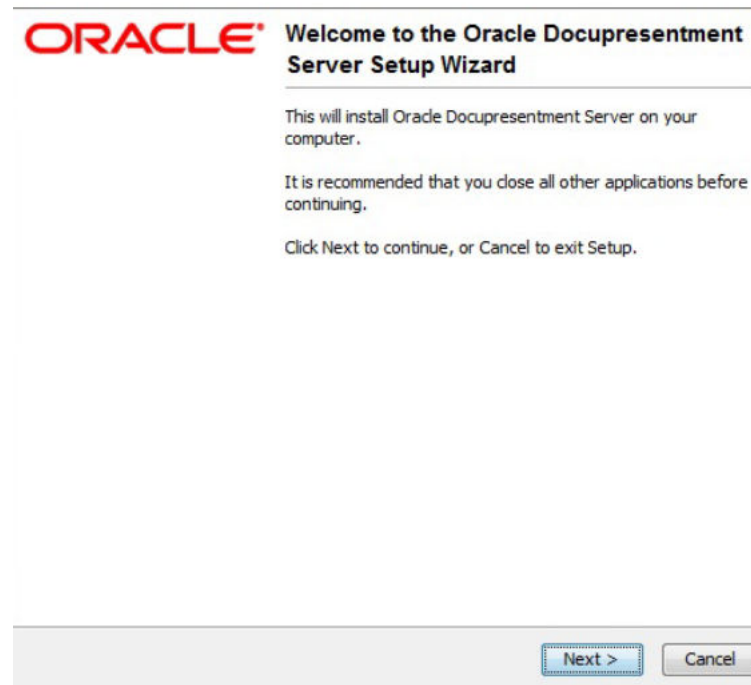
- Be familiar with how your web server is set up. You will need to know if the Docupresentment site uses Secured Socket Layer (SSL) and the IP address of the client PC
- Exit all programs currently running. The setup routine also lets you install various other components required to run the Docupresentment. If these files are already installed *and in use* when the setup routine runs, conflicts will arise.

Note

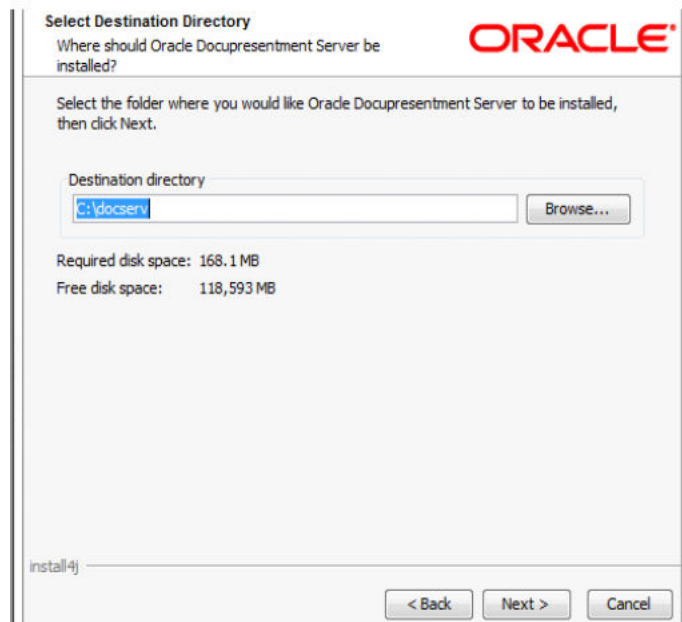
Be aware that when you update an existing installation, your existing configuration files *are not* changed. This lets you preserve any customizations you have made in those files. Furthermore, keep in mind that if you uninstall the system, *all* configuration files are removed.

After you download and save the Docupresentment installation to the proper location, start the Docupresentment Server setup wizard executable. Executable name format: ODDSMajorA#.MajorB#.Minor#.Patch#.Build#Platform.exe. Example, ODDS13.0.0.0.40736W64.exe

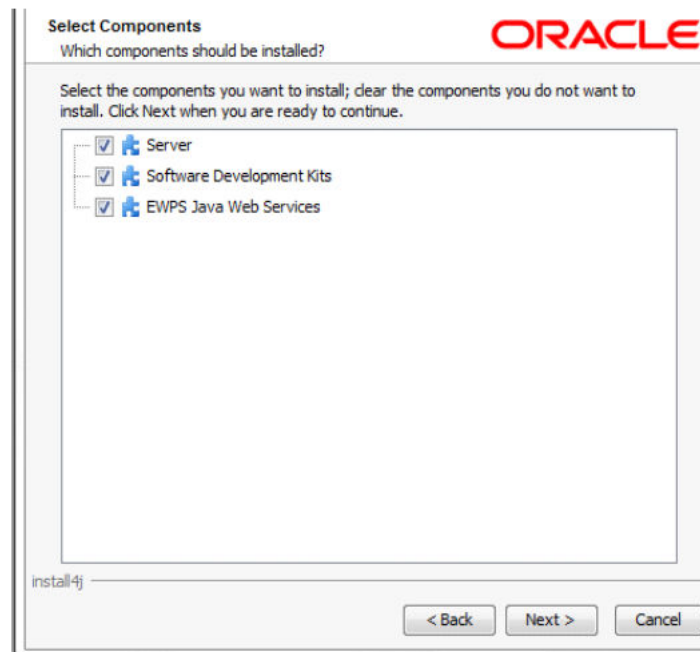
Once the setup routine starts, follow the instructions which appear on your screen.



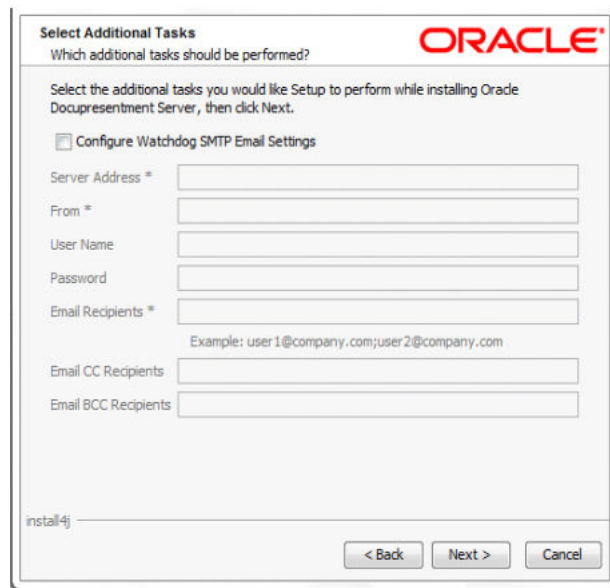
1. Close all open applications then click Next to continue. The Select Destination Directory window appears.
2. Click Browse to select the directory into which you want to install Docupresentment. Click Next to continue.



3. The Select Components window appears.



4. Choose the components you want to install. Click **Next** to continue. The Select Start Menu Folder window appears. The Select Additional Tasks window appears.



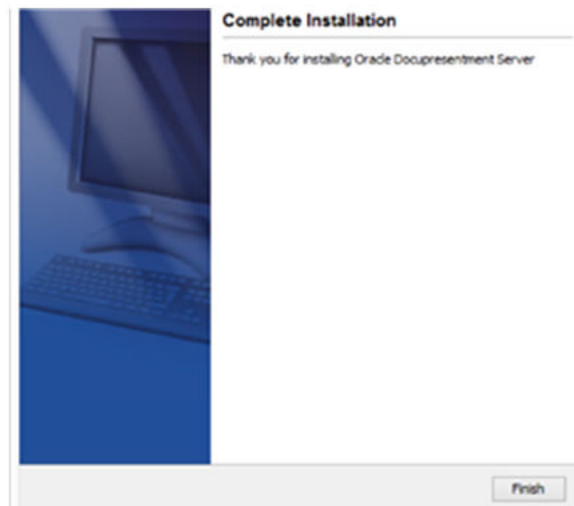
5. Use the Select Additional Tasks window to optionally configure your Watchdog SMTP email settings. Click Next to continue when you are finished. The Installing window appears. This window tracks the setup wizard's progress as it installs Docupresentment on your computer.
6. Once the basic installation finishes, the Docupresentment Server setup wizard asks if you want to configure Docupresentment Server as a service.



Click the Start Docupresentment Server as a Service option and enter a name for the service or accept the default name.

Click Next. The Complete Installation window appears.

7. Click Finish to complete the installation process.



Congratulations, you have installed DocuPresentment Server. Now proceed to the next topic, *Installing Shared Objects*.

Installing Shared Objects

As mentioned above, installation of the Shared Objects - Documaker Bridge component is required to install Documaker Server components, even if your installation does not use Documaker Bridge.

To download shared objects from the Internet, go to the Oracle Software Delivery Cloud site at:

<http://edelivery.oracle.com/>

After you download and save the shared objects installation to the proper location, start the shared objects executable installation software by double clicking in Windows Explorer or running the executable from command line prompt clicking.

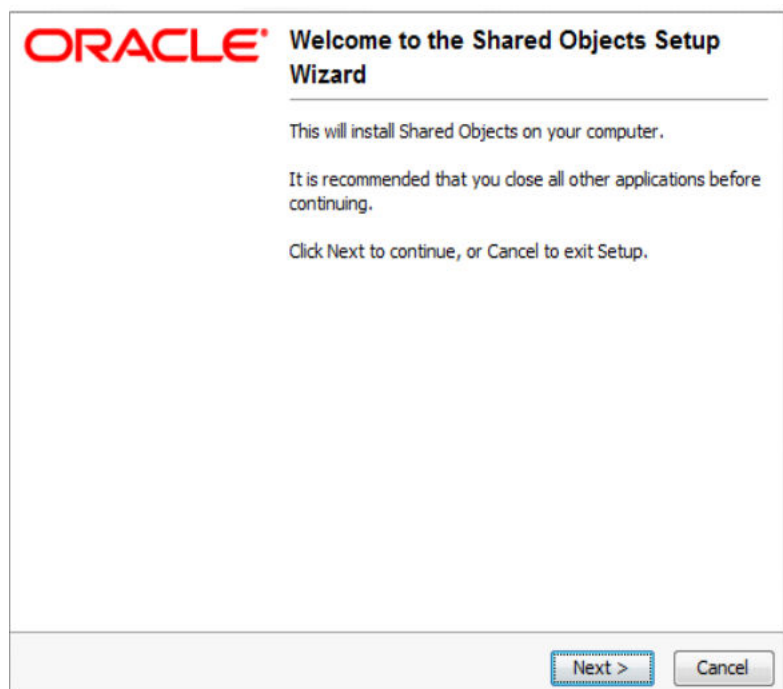
Executable name format: ODSOMajorA#.MajorB#.Minor#.Patch#.Build#Platform.exe.

Example, ODS013.0.0.0.40736W64.exe .

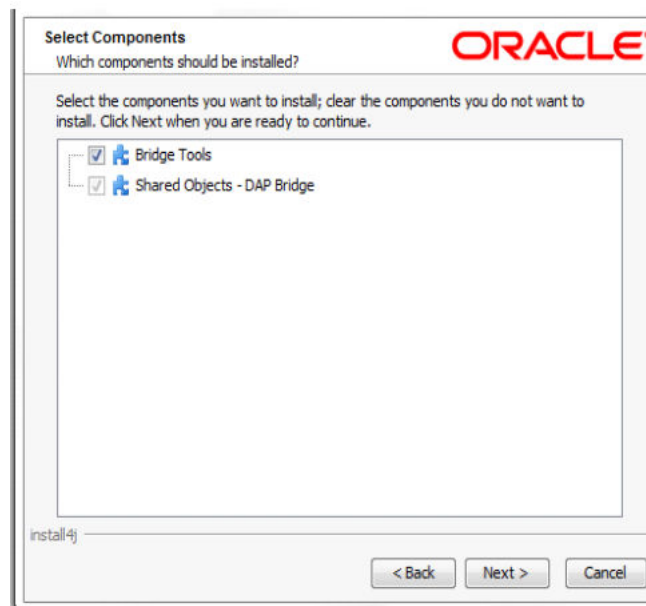
The Setup wizard starts.

Using the Setup wizard

Follow these steps to install shared objects using the Setup wizard:

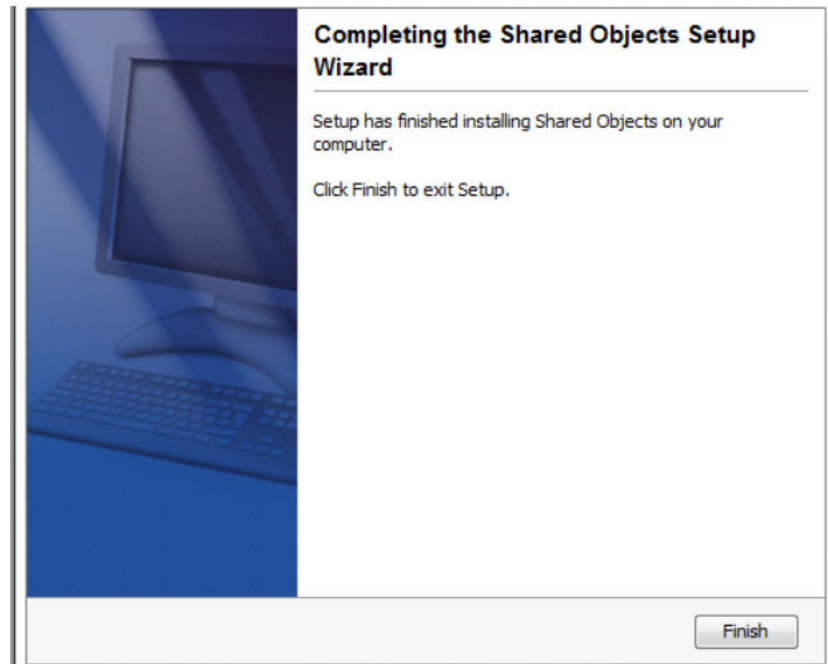


1. Once the Setup wizard starts, click Next to continue. The Choose Docupresentment Installation Path window appears.
2. Click Browse to specify the directory path of the Docupresentment installation to which you want to add Shared Objects and click Next to continue. The Select Components window appears.
3. Choose the components you want to install.



Click **Next** to continue. The Installing window appears. This window tracks the setup wizard's progress as it installs the Shared Objects you selected on your computer.

4. Click Finish to exit the setup wizard once the installation finishes.



Congratulations, you have installed the Docupresentment and the Shared Objects. Now proceed to the next topic, *Installing the Docupresentment Client*.

Installing the Docupresentment Client

You can install the Docupresentment Client on Windows by downloading it from the Internet. To download shared objects from the Internet, go to the Oracle Software Delivery Cloud site at:

<http://edelivery.oracle.com/>

After you download and save the Docupresentment Client installation to the proper location, start the shared objects executable installation software by double clicking in Windows Explorer or running the executable from command line prompt clicking.

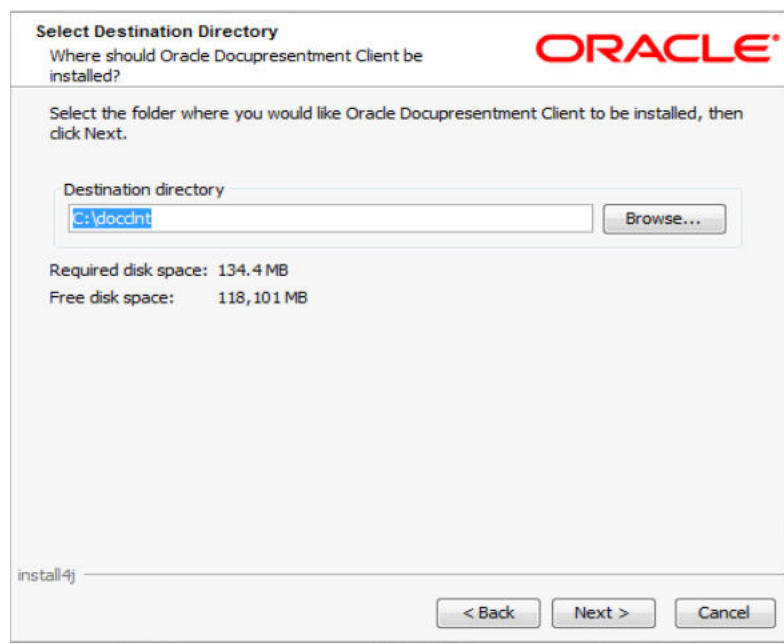
Executable name format: ODDCMajorA#.MajorB#.Minor#.Patch#.Build#Platform.exe.

Example, ODDC13.0.0.0.40736W64.exe

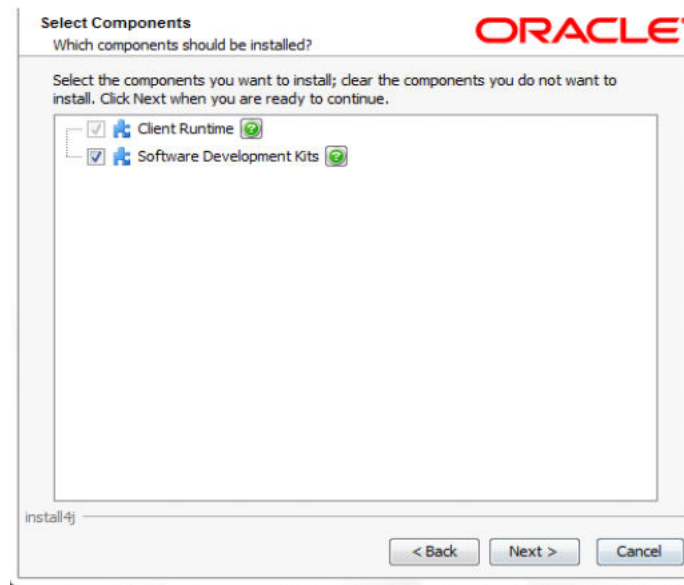
1. Once the setup routine starts, follow the instructions which appear on your screen.



2. Close all open applications then click Next to continue. The Select Destination Directory window appears.
3. Click Browse to select the directory into which you want to install the Docupresentment Client and click Next to continue. The Select Components window appears.



4. Choose the components you want to install and click Next to continue.



The installation routine installs the Docupresentment Client, then shows the Select queuing System window. See *Selecting a queuing Method* for more information.

Selecting a Queuing Method

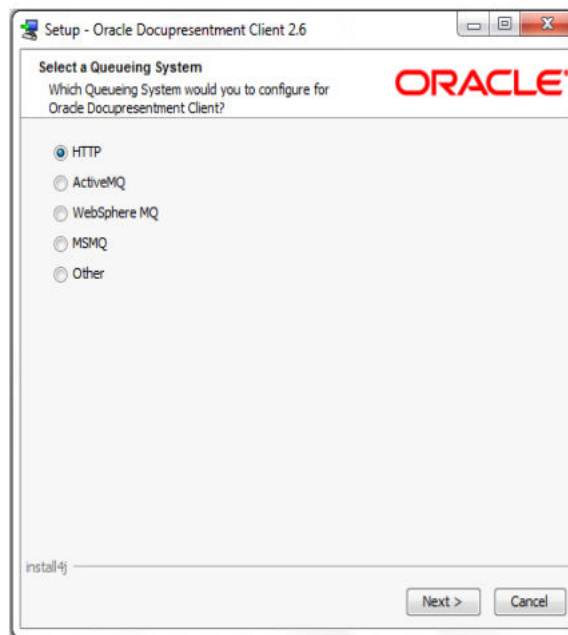
Use the Select a queuing System window to optionally configure your Docupresentment Client queuing method. The wizard modifies the Docupresentment Client to communicate with one of these queuing systems:

- HTTP
- ActiveMQ
- IBM WebSphere MQ
- MSMQ

Note

You can also choose to set up a queuing system other than the ones pre-defined in the installer. Be aware that if you choose this option, you must make sure the queuing system is accessible by the Docupresentment Client.

Choose the queuing method you want to use on the Select a queuing System window:

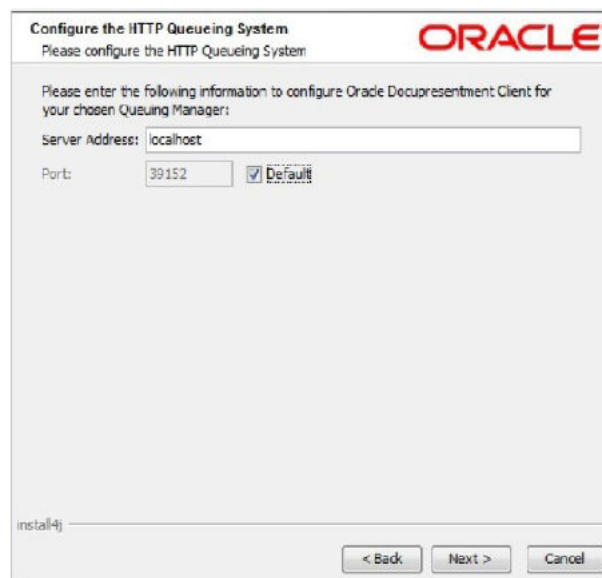


Click Next.

A configuration wizard lets you enter queue-specific information for each queuing method. The default queue is HTTP but is primarily for development sandbox type environments.

Using HTTP

If chose HTTP queues, the Configure the HTTP queuing System window appears:



For HTTP queues, enter the Server Address and Port Number of the Docupresentment Server and click Next.

Note

Docupresentment HTTP queues are not persistent and best used for development sandbox purposes where more critical applications should use a standardized and/or commercial queuing systems such as JMS.

Using ActiveMQ

If you chose ActiveMQ, the Configure the ActiveMQ queuing System window appears:

Configure the ActiveMQ Queuing System
Please configure the ActiveMQ Queuing System

Please enter the following information to configure Oracle Docupresentment Client for your chosen Queuing Manager:

Server Address: localhost

Port: 39152 ☒ Default

Input Queue:

Output Queue:

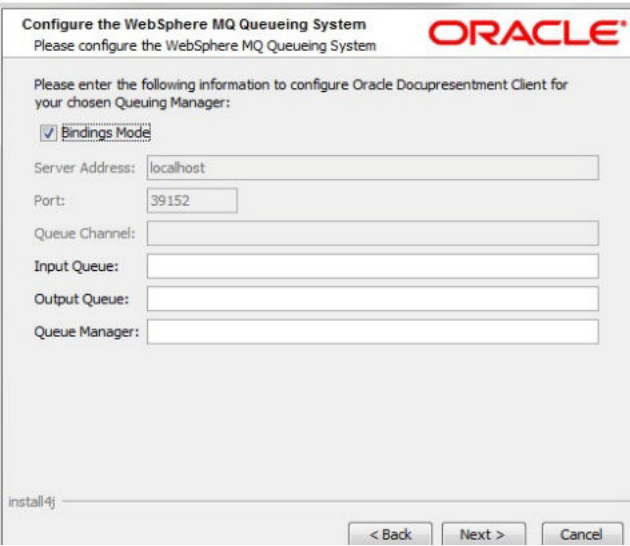
install4j

< Back Next > Cancel

For ActiveMQ queues, enter the Input Queue and Output Queue for the ActiveMQ Server and click Next.

Using WebSphere MQ

If you chose WebSphere MQ, the Configure the WebSphere MQ queuing System window appears:



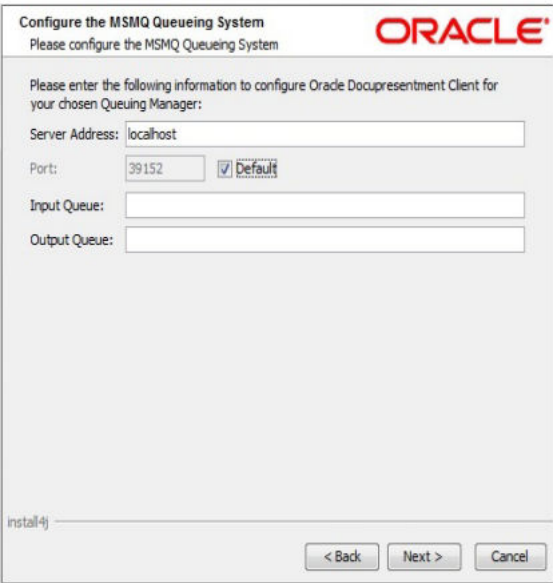
For WebSphere MQ queues, you can choose to use Bindings Mode.

To	Then
Use Bindings Mode	Make sure the Bindings Mode field is checked, then specify the Input Queue, Output Queue, and the Queue Manager for the WebSphere MQ Server.
Not use Bindings Mode	Uncheck the Bindings Mode field and specify the Server Address, Port, Queue Channel, Input Queue, Output Queue, and the Queue Manager for the WebSphere MQ Server.

When finished entering the necessary fields, click Next.

Using MSMQ

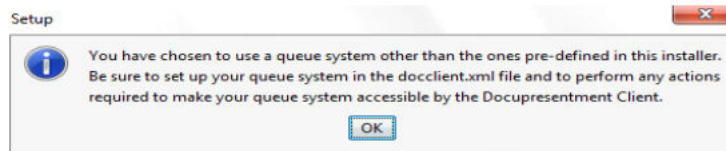
If you chose MSMQ, the Configure the MSMQ queuing System window appears:



For MSMQ queues, enter the Input Queue and Output Queue for the MSMQ Server and click Next.

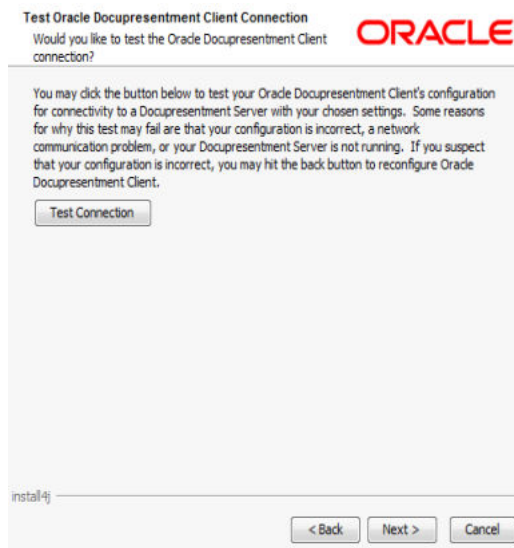
Setting up another queue

If you choose to set up another queuing system, the following message appears to remind you to take the steps necessary to make your queuing system accessible by the Docupresentment Client.



Testing Your Connection

To make sure the Docupresentment Client can connect to the Docupresentment Server, click the Test Connection button.



Note

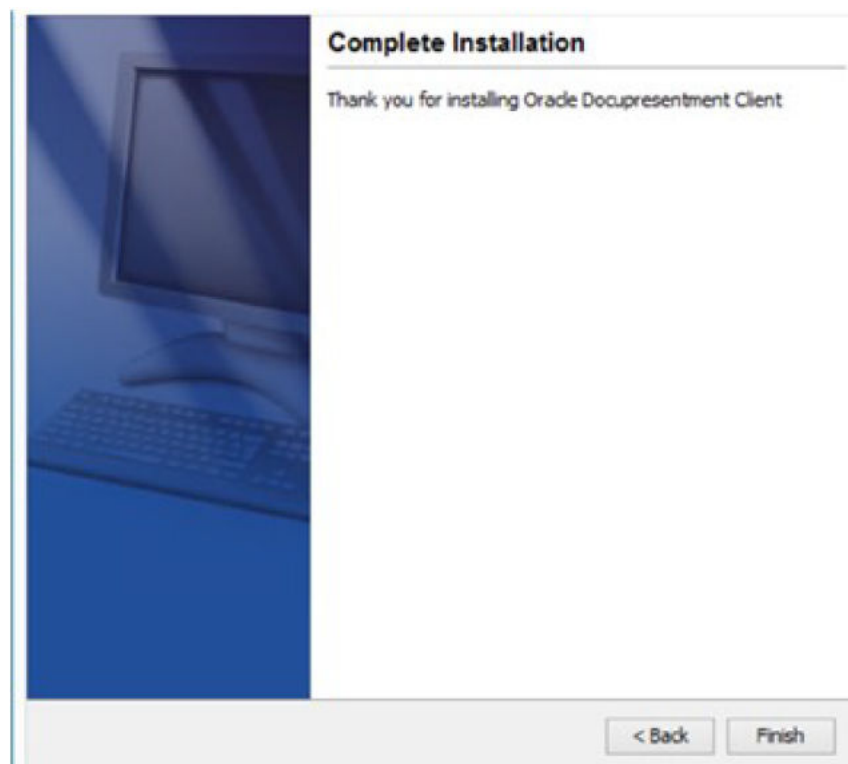
Docupresentment Server and the queuing system you chose have to be running to test the Docupresentment Client.

If the test is successful, the below message appears "connection to Docupresentment Server Successful".



This window indicates that the Docupresentment Client is configured correctly and is successfully communicating with the Docupresentment Server. Click Ok, then click Next.

The Complete Installation window appears. Click Finish to complete the installation. Congratulations, you have installed the Docupresentment Server, Shared Objects, and Docupresentment Client. Now proceed to the next topic, *Testing Your Installation*



Testing your Installation

To test your Docupresentment installation, open a command window and follow these steps.

1. Start Docupresentment Server on command line in the installation directory:

```
docserver.bat
```

You should now see a window similar to the following window:

```
C:\docserv>docserver.bat
PATH=C:\docserv\jre\bin;C:\docserv\jre\bin\server;C:\docserv\jre\lib;C:\docserv\DLL;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPowerShell\v1.0\;C:\WINDOWS\System32\OpenSSH\;

C:\docserv>"C:\docserv\jre\bin\idswatchdog.exe" -Djava.endorsed.dirs=lib/endorsed -cp lib/DocucorpStartup.jar com.docucorp.startup.Startup
com.docucorp.watchdog.Watchdog
2025-01-24 18:25:31,907 INFO [WD-Watchdog-main]-[??:]-
com.docucorp.watchdog.Watchdog.watch: Oracle Docupresentment Watchdog
Server
2025-01-24 18:25:31,923 INFO [WD-Watchdog-main]-[??:]-
com.docucorp.watchdog.Watchdog.watch: Version 13.0.0.0
2025-01-24 18:25:31,923 INFO [WD-Watchdog-main]-[??:]-
com.docucorp.watchdog.Watchdog.watch: Running Java version 1.8.0_431-b31
from Oracle Corporation on Windows 11 10.0 with 8 processors.
2025-01-24 18:25:32,449 INFO [WD-Watchdog-main]-[??:]-
com.docucorp.watchdog.Watchdog.watch: Watchdog Server Ready
2025-01-24 18:25:34,692 INFO [Router] - Set up logging using logconf.xml
2025-01-24 18:25:34,755 INFO [Router] - Oracle Docupresentment Router.
2025-01-24 18:25:34,755 INFO [Router] - Running Java version 1.8.0_431-
b31 from Oracle Corporation
2025-01-24 18:25:34,985 INFO [IDS-2-DocumentServer-main] - Set up logging
using logconf.xml
2025-01-24 18:25:34,985 INFO [IDS-1-DocumentServer-main] - Set up logging
using logconf.xml
2025-01-24 18:25:35,236 INFO [IDS-2-BLP] - Oracle Docupresentment.
2025-01-24 18:25:35,236 INFO [IDS-1-BLP] - Oracle Docupresentment.
2025-01-24 18:25:35,236 INFO [IDS-1-BLP] - Version 13.0.0.0-13.0.0.0.40689
2025-01-24 18:25:35,236 INFO [IDS-1-BLP] - Running Java version 1.8.0_431-
b31 from Oracle Corporation on Windows 11 10.0 with 8 processors.
2025-01-24 18:25:35,236 INFO [IDS-2-BLP] - Version 13.0.0.0-13.0.0.0.40689
2025-01-24 18:25:35,236 INFO [IDS-2-BLP] - Running Java version 1.8.0_431-
b31 from Oracle Corporation on Windows 11 10.0 with 8 processors.
2025-01-24 18:25:35,964 INFO [IDS-2-BLP] - Business Logic Processor
started
2025-01-24 18:25:35,986 INFO [IDS-1-BLP] - Business Logic Processor
started
DocuMaker shared objects version 13.0.0.0.40689
DocuMaker shared objects version 13.0.0.0.40689
```

Docupresentment Server has started when you see the following:

Business Logic Processor started
Documaker shared objects version full version

Note

By default, two instances of Docupresentment Server will start so these will be repeated for each instance

- Testing functionality can be done from the Docupresentment Server installation directory by running the threads.bat batch file: `.\threads.bat display=yes reqtype=SSS` or by using the dsiex executable in Docupresentment Server or Docupresentment Client.
- Example of threads.bat, output similar for dsiex.exe:
You should now see the console output similar to the following:

```
C:\docserv>.\threads.bat display=yes reqtype=SSS
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/
envelope/">
  <SOAP-ENV:Body>
    <DSIMSG VERSION="13.0.0.0-13.0.0.0.40689">
      <CTLBLOCK>
        <UNIQUE_ID>1A814FD8-4307-458B-506D-2EB80978</UNIQUE_ID>
        <REQTYPE>SSS</REQTYPE>
      </CTLBLOCK>
      <MSGVARS>
        <VAR NAME="ERRORCOUNT">0</VAR>
        <VAR NAME="IDSGUID">FC5F300B-768E-AE68-45D7-C7BEE92AC39F</
VAR>
        <VAR NAME="IDSHOSTNAME">fsgbu-phx-187</VAR>
        <VAR NAME="LASTRESTART">Dec 24, 2024 6:25:35 PM EST</VAR>
        <VAR NAME="RESTARTCOUNT">0</VAR>
        <VAR NAME="RESULTS">SUCCESS</VAR>
        <VAR NAME="SERVERTIMESPENT">0.009</VAR>
        <VAR NAME="SUCCESSCOUNT">6</VAR>
        <VAR NAME="UPTIME">Dec 24, 2024 6:25:35 PM EST</VAR>
        <VAR NAME="WARNINGCOUNT">0</VAR>
        <ROWSET NAME="LIBRARIES">
          ...
          <ROW NUM="23">
            <VAR NAME="DATE">Oct 24 2024</VAR>
            <VAR NAME="NAME">UTL</VAR>
            <VAR NAME="TIME">13:24:28</VAR>
            <VAR NAME="VERSION">13.0.0.0.40689</VAR>
          </ROW>
          <ROW NUM="24">
            <VAR NAME="DATE">Oct 24 2024</VAR>
            <VAR NAME="NAME">VMM</VAR>
            <VAR NAME="TIME">13:23:38</VAR>
            <VAR NAME="VERSION">13.0.0.0.40689</VAR>
          </ROW>
          <ROW NUM="25">
            <VAR NAME="DATE">Oct 24 2024</VAR>
```

```
<VAR NAME="NAME">XMC</VAR>
<VAR NAME="TIME">13:27:36</VAR>
<VAR NAME="VERSION">13.0.0.0.40689</VAR>
</ROW>
</ROWSET>
</MSGVARS>
</DSIMSG>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

Total test time=559 ms.

Transactions run <1>
Success count <1>
Error count <0>
```

If you receive these results, Docupresentment Server and is communicating through selected queuing system and the system can process request types successfully.

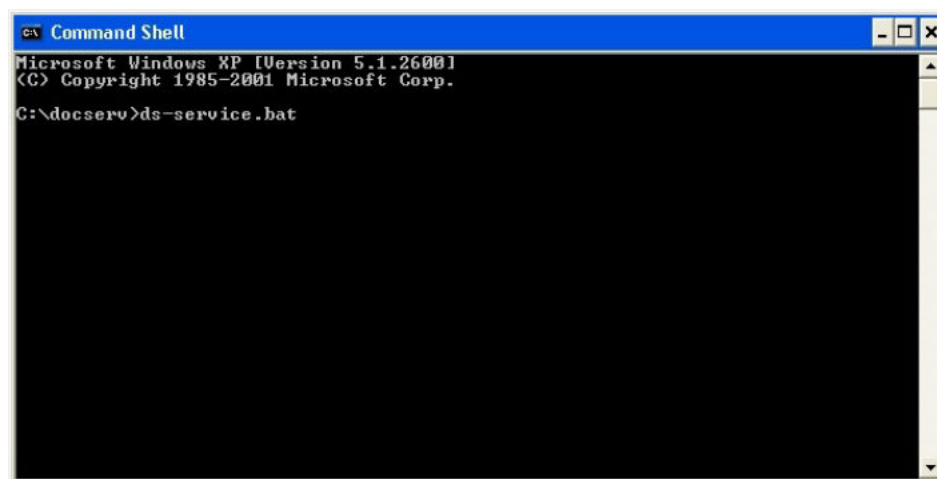
Setting up the System as a Service

Note

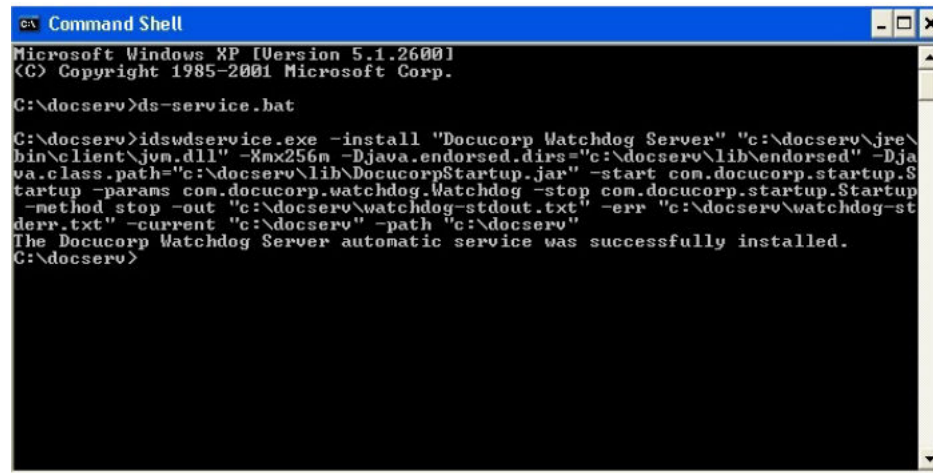
You cannot run Docupresentment Server as a service using HTTP queues for access from other client servers. To run Docupresentment Server as a service, you must use other queue system options such as JMS, WebSphere MQ, ActiveMQ, MSMQ, etc.

Installation provided option to setup a Window Service. Post install you can setup Docupresentment Server as a service by running the ds-service.bat batch file. Open a command shell window and go to the directory into which you installed Docupresentment Server and enter this command:

ds-service.bat



You should now see a window similar to the following window:



```
C:\> Command Shell
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\docserv>ds-service.bat

C:\docserv>idsudservice.exe -install "Docucorp Watchdog Server" "c:\docserv\jre\
bin\client\jvm.dll" -Xmx256m -Djava.endorsed.dirs="c:\docserv\lib\endorsed" -Dja
va.class.path="c:\docserv\lib\DocucorpStartup.jar" -start com.docucorp.startup.S
tartup -params com.docucorp.watchdog.Watchdog -stop com.docucorp.startup.Startup
-method stop -out "c:\docserv\watchdog-stdout.txt" -err "c:\docserv\watchdog-st
derr.txt" -current "c:\docserv" -path "c:\docserv"
The Docucorp Watchdog Server automatic service was successfully installed.
C:\docserv>
```

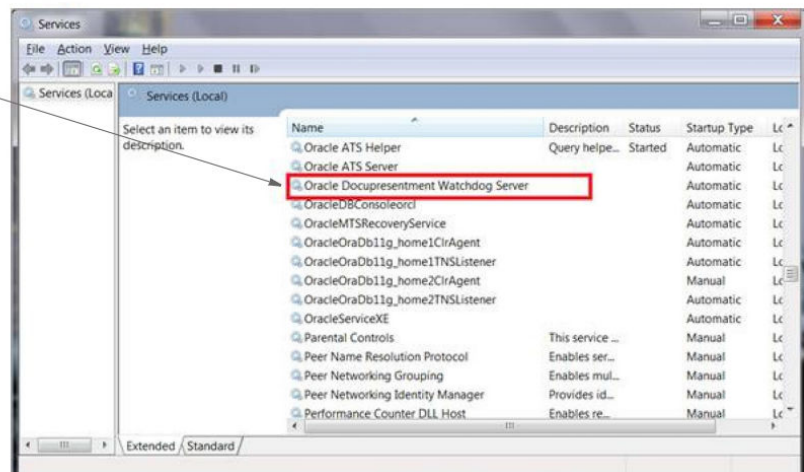
Docupresentment has been installed as a service on Windows when you see this message:

The Docucorp Watchdog Server automatic service was successfully installed.

Verifying Docupresentment was Installed as a Service

1. Open Control Panel and choose Administrative Tools. Then choose Services to open the Services Console.

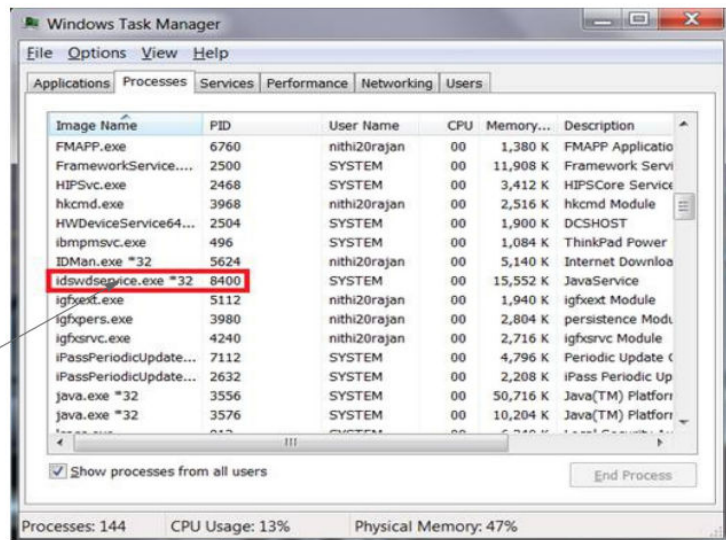
The Docupresentment watchdog service is listed as Docucorp Watchdog Server.



The Services Console lets you start and stop Docupresentment as a service.

2. When you start Docupresentment through the Services Console, you can make sure the service is running by going to Task Manager.

Here is the Docupresentment watchdog service in the Processes list.



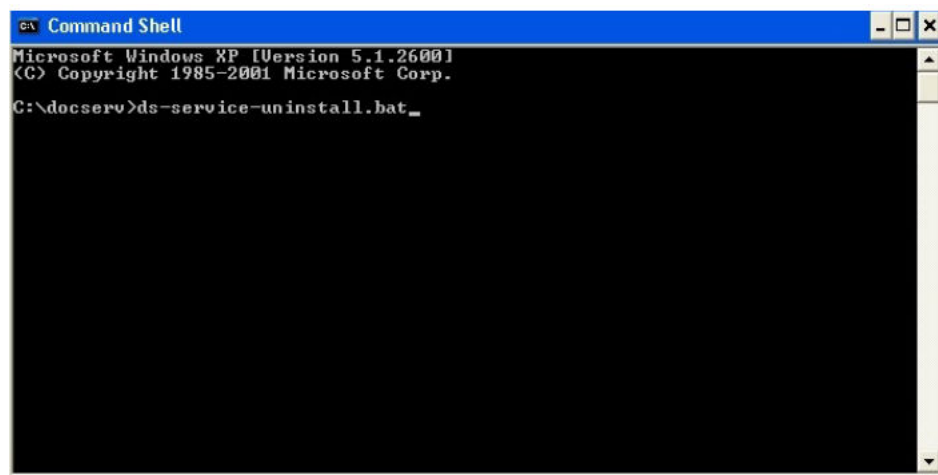
3. Test the Docupresentment Service is running and responding to requests using the threads.bat or dsiex.exe tool as described in the Testing Your Installation section above.

Uninstalling Docupresentment as a Service

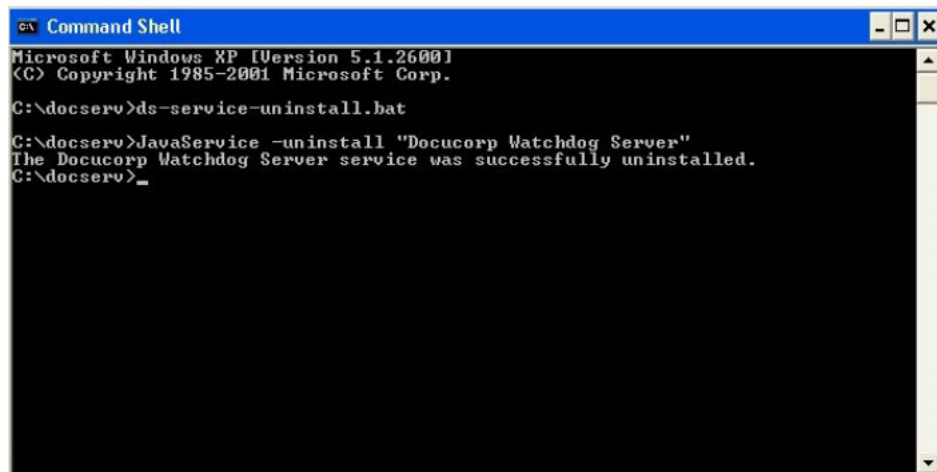
To uninstall Docupresentment as a service, open a command window and go to the directory into which you installed Docupresentment, such as c:\docserv.

Next, enter this command:

```
ds-service-uninstall.bat
```



You should see a window similar to this one:



```
Command Shell
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\docserv>ds-service-uninstall.bat

C:\docserv>JavaService -uninstall "Docucorp Watchdog Server"
The Docucorp Watchdog Server service was successfully uninstalled.
C:\docserv>_
```

Docupresentment has been uninstalled as a service on Windows when you see this message:

The Docucorp Watchdog Server automatic service was successfully uninstalled.

Verify the Docupresentment Server Service should no longer appear in the Services Console Services list and the Oracle Docupresentment Watchdog Server service has been uninstalled.

Uninstalling the System

Before uninstalling Docupresentment Server, you will need to stop the Docupresentment Server either by Ctrl-C on console running it as docserver.bat or by stopping the Oracle Docupresentment Watchdog Server Windows service to stop the idswdservice.exe process.

Uninstalling Docupresentment Server removes Docupresentment, the various bridges, and sample files. Data files changed after you installed Docupresentment are preserved.

If necessary, you must remove the required Microsoft components separately.

The Docupresentment Server can be uninstalled via the Windows Add or Remove admin programs by picking the Oracle Docupresentment Server release App or by running the uninstall.exe found in the Docupresentment Server's installation directory.

3

Troubleshooting the Client

Here are some things to check if the Docupresentment Client is not communicating with Docupresentment Server.

Note

The test connection from client to server will fail if the port numbers are not valid. Use unused port numbers to avoid this issue.

Checking the DOCCLIENT.XML file

First, make sure the docclient.xml file is set up correctly. Here is an example docclient.xml file, including all of the queue sections with ActiveMQ active:

```
<?xml version="1.0" encoding="UTF-8"?>
<configuration>
  <section name="DocumentClient" version="release">
    <section name="messaging">
      <!--JMS / ActiveMQ Section-->
      <!--Remove 'DISABLE-' to enable this section. Only one queue
section can exist at a time.-->
      <section name="queue">
        <entry
name="marshaller.class">com.docucorp.messaging.data.marshaller.SOAPMIMEDSIMessa
geMarshaller</entry>
        <entry
name="queuefactory.class">com.docucorp.messaging.jms.DSIJMSJNDIMessa
geQueueFactory</entry>
        <entry name="jms.inputqueue.connectstring">resultq</entry>
        <entry name="jms.outputqueue.connectstring">requestq</entry>
        <entry name="jms.qcf.name">queueConnectionFactory</entry>
        <entry
name="jms.initial.context.factory">org.apache.activemq.jndi.ActiveMQInitialCon
textFactory</entry>
      </section>
      <!--HTTP Section-->
      <!--Remove 'DISABLE-' to enable this section. Only one queue
section can exist at a time.-->
      <section name="DISABLE-queue">
        <entry
name="marshaller.class">com.docucorp.messaging.data.marshaller.SOAPMIMEDSIMessa
geMarshaller</entry>
        <entry
name="queuefactory.class">com.docucorp.messaging.http.DSIHTTPMessageQueueFacto
ry</entry>
        <entry name="http.url">http://localhost:49352</entry>
        <entry name="http.reuse.ports">15</entry>
      </section>
    </section>
  </section>
</configuration>
```

```

        <entry name="inputqueue.maxwaitseconds">30</entry>
    </section>
    <!--MQSeries Section-->
    <!--Remove 'DISABLE-' to enable this section. Only one queue
section can exist at a time.-->
    <section name="DISABLE-queue">
        <entry
name="marshaller.class">com.docucorp.messaging.data.marshaller.SOAPMIMEDSIMess
ageMarshaller</entry>
        <entry
name="queuefactory.class">com.docucorp.messaging.mqseries.DSIMQMessa
geQueueFactory</entry>
        <entry name="mq.queue.manager"></entry>
        <entry name="mq.inputqueue.name">RESULTQ</entry>
        <entry name="mq.inputqueue.maxwaitseconds">5</entry>
        <entry name="mq.outputqueue.name">REQUESTQ</entry>
        <!-- Remove 'DISABLE-' from the following line to use in TCP/IP
'client' mode. -->
        <!-- Leave disabled to use in 'bindings' mode. -->
        <entry name="DISABLE-mq.tcpip.host">127.0.0.1</
entry>
        <entry name="mq.queue.channel">SYSTEM.DEF.SVRCONN</ entry>
        <entry name="mq.tcpip.port">1414</entry>
        <entry name="mq.conn.userid">appUserId</entry>
        <entry name="mq.conn.password">appPassword</entry>
    </section>
    <!--MSMQ Section-->
    <!--Remove 'DISABLE-' to enable this section. Only one queue
section can exist at a time.-->
    <section name="DISABLE-queue">
        <entry
name="marshaller.class">com.docucorp.messaging.data.marshaller.SOAPMIMEDSIMess
ageMarshaller</entry>
        <entry
name="queuefactory.class">com.docucorp.messaging.msmq.DSIMSMQMessageQueueFacto
ry</entry>
        <entry name="msmq.server.name">localhost</entry>
        <entry name="msmq.inputqueue.name">private$\RESULTQ</ entry>
        <entry name="msmq.outputqueue.name">private$\REQUESTQ</ entry>
        <entry name="msmq.timeout">30000</entry>
        <entry name="msmq.expiry">1800000</entry>
    </section>
</section>
<!-- messaging section -->
</section>
<!-- DocumentClient -->
</configuration>

```

Checking the CLASSPATH and other Environment Variables

The following values are added to the CLASSPATH variable when you install the Docupresentment Client:

```

CLASSPATH=C:\docclnt\clientlib\DocucorpMsg.jar;C:\docclnt\clientlib\
DocumentServer.jar;C:\docclnt\clientlib\commonscollections.jar;C:\docclnt\clie

```

```
ntlib\commonsfileupload.jar;C:\docclnt\clientlib\commons-  
pool.jar;C:\docclnt\clientlib\DocuCorpUtil.jar;C:\docclnt\clientlib\  
DSIJavaMsg.jar;C:\docclnt\clientlib\IDSJSP.jar;C:\docclnt\clientlib\  
jdom.jar;C:\docclnt\clientlib\xerces.jar;C:\docclnt\clientlib\log4j.jar;
```

The following values are added to the PATH variable when you install the Docupresentment Client:

```
PATH=C:\docclnt;C:\docclnt\jre\bin\client;C:\docclnt\jre\bin;e:\docc  
lnt\.\install4j
```

These values are added to the following variables when you install the Docupresentment Client:

```
ids_client_configuration=C:\docclnt\docclient.xml  
java_endorsed_dirs=C:\docclnt\clientlib\endorsed  
logging_client_configuration=C:\docclnt\logclientconf.xml
```

Installing Third-Party JAR Files

① Note

If you are using IBM MQ (WebSphere MQ or MQ Series) or ActiveMQ for the queuing method, you must make the IBM MQ or ActiveMQ jar files available to Docupresentment. See the “Installing Third-Party Jar Files” section of the [Docupresentment Guide](#) for more information.

Installing the Docupresentment with a Response File

You can run the Docupresentment in unattended mode from the command line. To do this you must create a response file to provide the information the installer needs. A response file is a text file which contains the information a user would typically provide while running the Setup wizard or responding to command-line prompts. This information is in name=value format.

To create a response file that contains the necessary data, first run the command-line installer in one of these ways:

- Using default mode, with no arguments. After the installation finishes, the installer creates a response file named *response.varfile*.
- Using the command-line installation with the *-console* parameter. This lets you specify the name you want to assign to the response file.

After the installation finishes, the installer creates the response file and stores it in the *install4j* directory. This file contains name=value data captured during the installation process. You can edit this file if necessary to modify the values. Here is an example:

```
#install4j response file for (application/version)  
#Wed Mar 16 16:53:12 EDT 2011 sys.languageId=en  
sys.installationDir=d:\(application/version)
```

You can then pass this response file to the installer using the `-varfile` parameter. For example, to run the installer in unattended mode using a response file, include these parameters:

```
-q -console -c -varfile varfilename
```

Parameter	Description
-q	Runs the installer in unattended mode.
-console	If the installer is executed in unattended installation mode (-q) and you include -console as the second parameter, a console is allocated on Windows that displays the output of the installer.
-c	Runs the installer in the console mode.
-varfile	<i>Varfilename</i> specifies the name of the response.varfile to use. You can include a full path.

Note

For more information about response files and install4j installations, go to this website:
<http://resources.ej-technologies.com/install4j/help/doc/>

Here is an example:

```
installer.exe -q -console -c -varfile response.varfile
```

Here is an example of the output you will see:

```
Extracting files...
Downloading ...
Extracting files...
Finishing installation..
```

Glossary

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