ORACLE
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Oracle® Documaker

Internet Document Server Installation Guide

version 2.2

Part number: E14902-01

October 2009

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Chapter 1

Introduction

This manual provides instructions for installing Docupresentment on computers running 32-bit Windows, such as Windows 2000, Windows XP, Windows 2003 Server, and UNIX/Linux.

This table will help you find the information you need:

To install	See
Docupresentment on Windows	Installing Docupresentment on Windows on page 7
Docupresentment on UNIX/Linux	Installing Docupresentment on UNIX/Linux on page 39

A summary of the system requirements follows.

System Requirements

Your computer must have certain software and hardware components to run Docupresentment. Depending on your software license and operating environment, these requirements vary.

Docupresentment Workstation

For a Docupresentment workstation, you must have a personal computer equipped with the following:

- Microsoft Internet Explorer version 6.0 or later for Windows 2000 or Windows XP or higher
- Adobe ® Acrobat Reader version 7.0 or higher

Docupresentment Server

You can run Docupresentment on the following operating systems:

- Windows
- AIX
- Linux
- Solaris

NOTE: For Docupresentment Workstation and Server, you must have Java 1.5 or higher.

These tables provide more detailed information on our minimum platform requirements for testing Docupresentment implementations.

On Windows systems

	Tested on
Operating system	Windows 2000 or Windows 2003 or higher.
CPU*	Intel Core 2 Duo @ 1.33 GHz
Memory*	1 GB
Hard disk (RTE)	2 GB
Hard disk (MRL)**	2 GB

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

On AIX systems

	Requirements
Operating system	AIX version 5.2 or higher
Model*	pSeries - Power RISC
Compiler	(Only necessary if adding custom code to the system) IBM Visual Age C/C+ version 6
Runtime library	C Set ++ Runtime for AIX 5.0 or higher

	Tested on
Model*	pSeries p650
CPU	6 x 1.45GHz Power4+ processors
Memory*	12GB
Hard disk**	Two 36.4GB 10, 000RPM Ultra3 SCSI drives

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

On Solaris systems

	Requirements
Operating system	Sun Solaris 9/SunOS 5.9 (SPARC based) or higher
Model*	UltraSPARC based
Compiler	(Only necessary if adding custom code to the system) Sun Workshop C/C++ v5.0
Runtime library	Core Solaris 9

	Tested on
Model*	Sun Fire v240 Server
Operating system	Solaris 9/SunOS 5.9 (SPARC based)
CPU	2 x 1.28GHz UltraSPARC IIIi Cu
Memory*	2GB
Hard disk**	Four 36GB SCSI drives

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

On Linux systems

	Requirements
Operating system	GNU/Linux distributions RedHat Enterprise Linux (RHEL) version 5.1 or higher SuSE Linux Enterprise Server (SLES) version 9.3 or higher
Model	Intel/AMD based systems
Compiler	(Only necessary if you are adding custom code to the system) GNU C/C++ compiler: gcc-3.3.5-5 v3.3.5 or higher, gcc-c++-3.3.5-5 v3.3.5 or higher
Runtime library	libgcc-3.3.5-5 v3.3.5 or higher or compatibility module libstdc++-3.3.5-5 v3.3.5 or higher or compatibility module
Additional requirements	- The installer requires the sharutil package for the uudecode applet. - RedHat Enterprise Linux version 5.1 or higher needs these compatibility modules for the C++ runtimes: compat-libstdc++-33 compat-libstdc++-296 (required to use the current ORA native DBHandler for Oracle 10g in Documaker) - Any other utilized third-party software required packages, such as Oracle, DB2, MySQL, and so on.

	Tested on
Model*	Dell PWS450
Operating system	RedHat Enterprise Linux (RHEL) v5.1 VMWare guest SuSE Linux Enterprise Server (SLES) v9.4 VMWare guest
CPU	2 x 2.40GHz Xeon processors
Memory*	3GB
Hard disk**	70GB SCSI drive

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

Web Server

This table outlines the web server requirements for each operating system:

Operating system	Web server
Windows	2000 Server or 2003 Server (or higher), such as Microsoft Internet Information Server 4.0 (or higher).
AIX	Web server for AIX 5.2, such as IBM's HTTP Server for AIX version 1.3.3.1 or higher with the Java Runtime Environment and/or JDK for AIX, version 1.4.0 or higher.
Linux	Web server for Linux, such as Apache 1.3.12 or higher or IBM HTTP Server 1.3.9 or higher.
Solaris	Web server for Sun Solaris 7 or higher on SPARC, such as Java Web Server 2.0 or Apache 1.3.9 with the Java Runtime Environment and/or JDK for Solaris, version JRE 1.4.0 or higher. IBM HTTP Server 1.3.9 or higher can also be used.

NOTE: We test Docupresentment version 2.2 and iDocumaker version 3.2 implementations on WebSphere Application Server (WAS) version 6.1.x and Tomcat 6.x Application Server.

Chapter 2

Installing Docupresentment on Windows

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

You'll find this information:

- Overview on page 8
- Installing Docupresentment Server on page 9
- Installing Shared Objects on page 15
- Installing Docupresentment Client on page 18
- Testing Your Installation on page 27
- Setting Up the System as a Service on page 30
- Uninstalling the System on page 34
- Troubleshooting the Client on page 35

NOTE: For information on system requirements, see System Requirements on page 2.

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)

  In Windows environments, DSOs are typically named **.dll*. In UNIX environments, DSOs are often named *lib*.so* or *lib*.sl*.
- 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 Skywire Software, 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 version 2.2 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
```

For more information on EWPS, see Introduction to Enterprise Web Processing Services.

NOTE: EWPS is not available on the UNIX platforms.

Installing Docupresentment Server

Docupresentment is available for download from the Internet, or can be supplied on a CD. The installation contains the server (including the SDK), bridges, client, and documentation.

To get Docupresentment from the Internet, go to the E-Delivery site at:

http://edelivery.oracle.com/

After you log in, search Oracle Insurance Applications for Oracle Documaker on the appropriate platform. Then choose Docupresentment to download. This downloads the latest version of Docupresentment, which includes the Internet Document Server (IDS), Internet Document Client, and any bridges you need to run.

NOTE: If you do not already have a JRE already installed, JRE 1.6 is installed with Docupresentment Server 2.2.

After installing the J2SE Java Runtime Environment (JRE) version 1.5 or higher and Docupresentment, you will need to install a version of Shared Objects - Documaker Bridge.

NOTE: Having separate installations for the required components lets you pick the version of Documaker components separately from Docupresentment. The latest version of Documaker is version 11.4. 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:

http://metalink.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.

The Adobe Acrobat Reader is available from Adobe's web site.

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 Internet Document Server. 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*.

INSTALLATION STEPS

You can install Docupresentment Server on Windows from a CD or by downloading it from the Internet. Follow these steps to install Docupresentment Server:

Installing from a CD

If you are installing from a CD, insert the Docupresentment CD in your CD drive. Click Start, Run and enter this command:

```
(CD-ROM drive letter):IDSServer22pxxw32.exe
```

where *xx* is the patch number.

The setup wizard starts.

Installing from the Internet

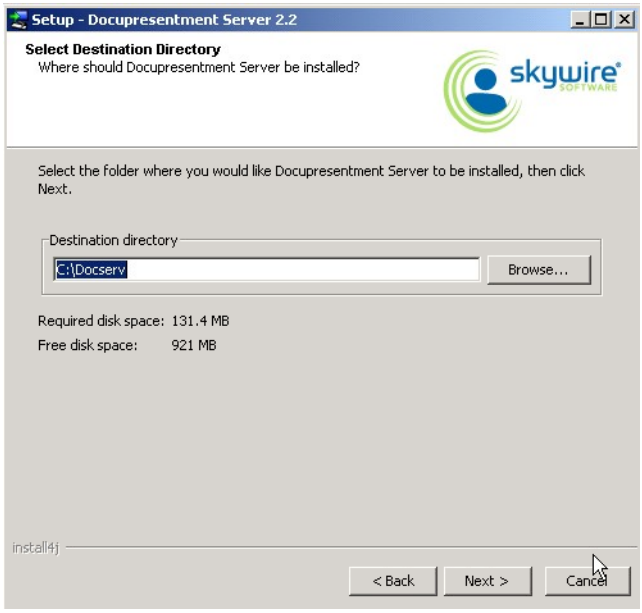
To download from the Internet, go to the E-Delivery site at:

http://edelivery.oracle.com/

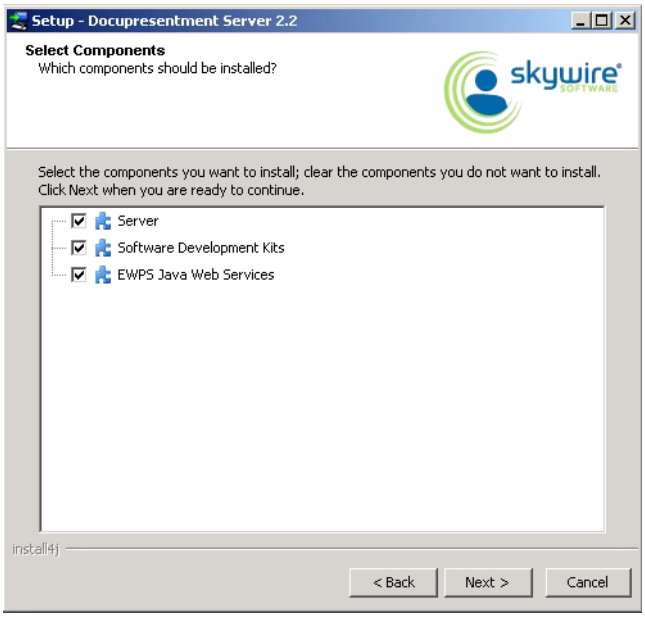
After you download and save the Docupresentment installation to the proper location, start the Docupresentment Server setup wizard (IDSServer22p03w32.exe).

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

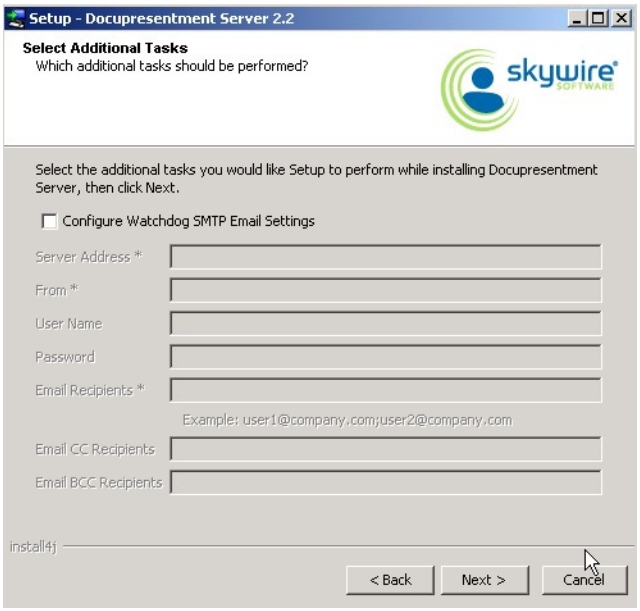
1 Close all open applications then click Next to continue. The Select Destination Directory window appears.



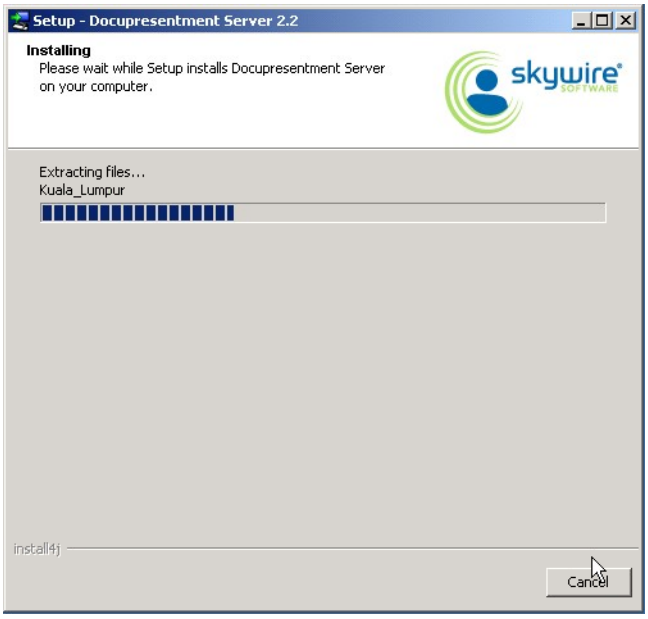
2 Click Browse to select the directory into which you want to install Docupresentment. Click Next to continue. The Select Components window appears.



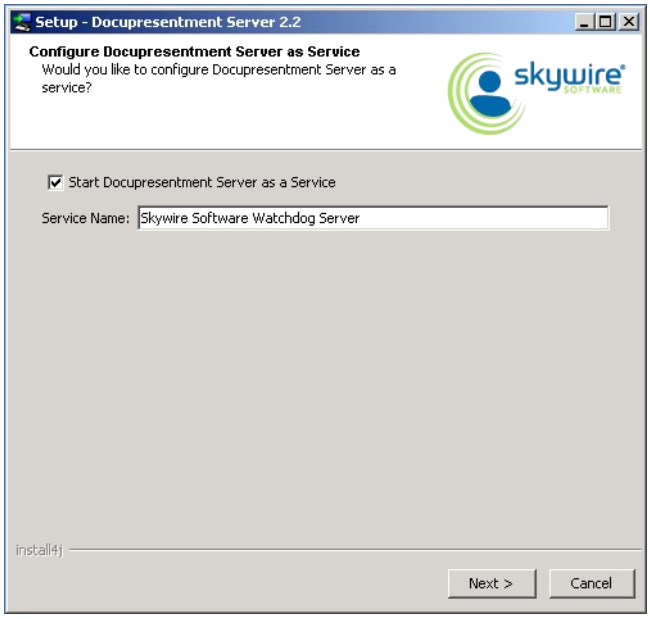
3 Choose the components you want to install. Click Next to continue. The Select Start Menu Folder window appears. The Select Additional Tasks window appears.



4 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.



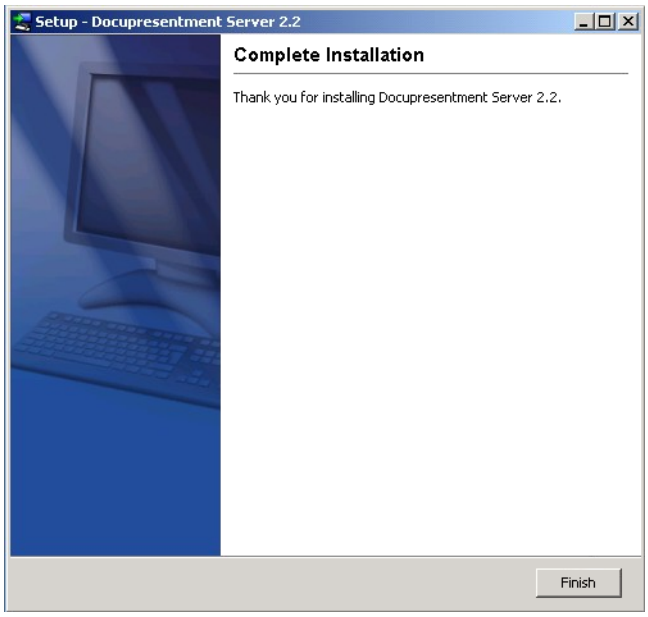
5 Once the basic installation finishes, the Docupresentment Server setup wizard asks if you want to configure Docupresentment Server as a service.



Click the Start Docupresentment Server as a Service option and enter a name for the service. You can accept the default name, *Skywire Software Watchdog Server*.

Click Next. The Complete Installation window appears.

6 Click Finish to complete the installation process.



Congratulations, you have installed Docupresentment Server. Now proceed to the next topic, Installing Shared Objects on page 15.

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.

Installing from a CD

If you are installing from a CD, insert the Docupresentment CD in your CD drive. Click Start, Run and enter this command:

```
(drive letter):SharedObjectsW32Rel113pxx.exe
```

where *xx* is the patch number.

The Setup wizard starts.

Installing from the Internet

To download shared objects from the Internet, go to the E-Delivery site at:

http://edelivery.oracle.com/

After you download and save the shared objects installation to the proper location, start the shared objects installation routine by clicking Start, Run and entering this command:

```
(drive letter):SharedObjectsW32Rel113pxx.exe
```

where *xx* is the patch number.

The Setup wizard starts.

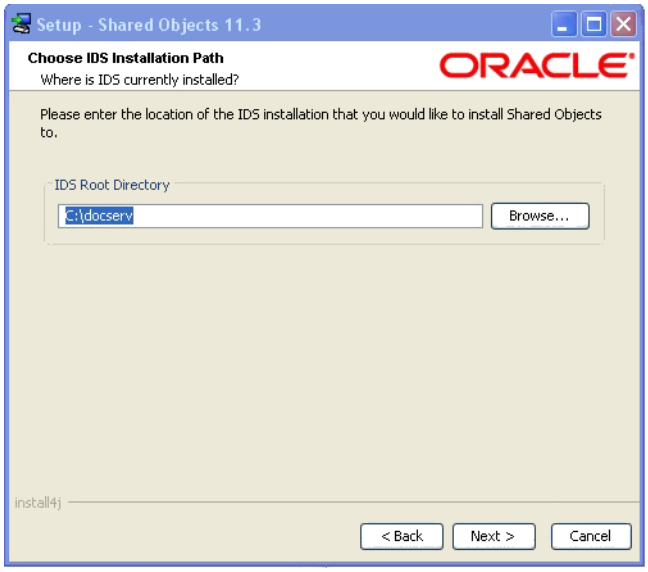
Using the Setup wizard

Follow these steps to install shared objects using the Setup wizard

1. Once the Setup wizard starts, click Next to continue.

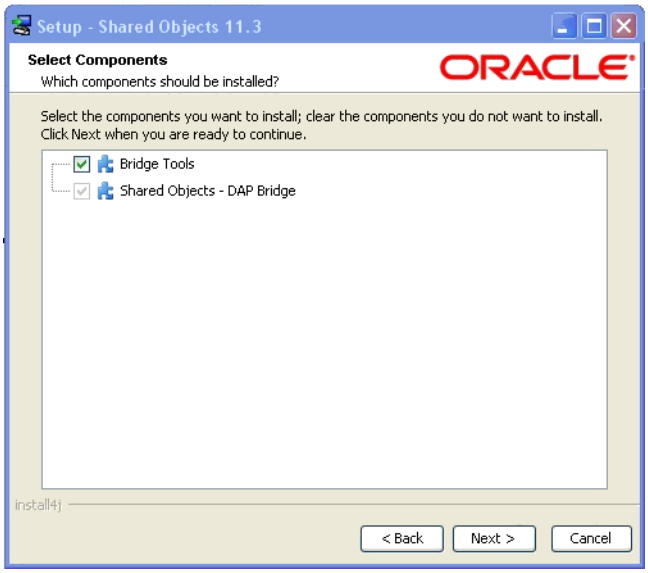
   The Choose IDS Installation Path window appears.

2. Click Browse to specify the directory path of the Docupresentment installation to which you want to add Shared Objects.

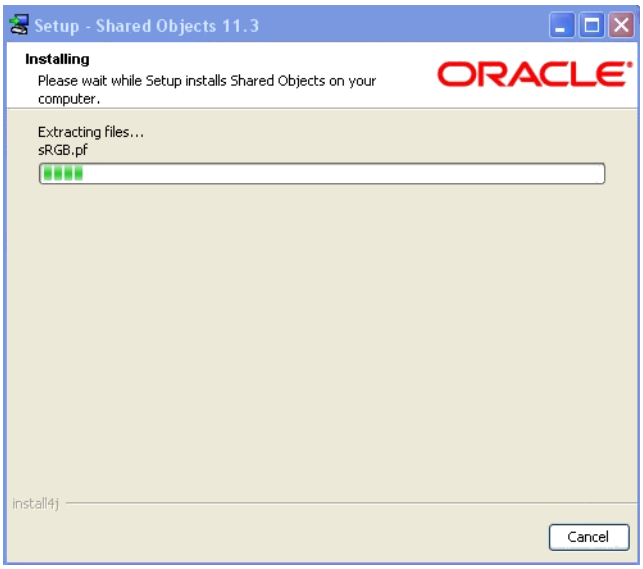


Click Next to continue. The Select Components window appears.

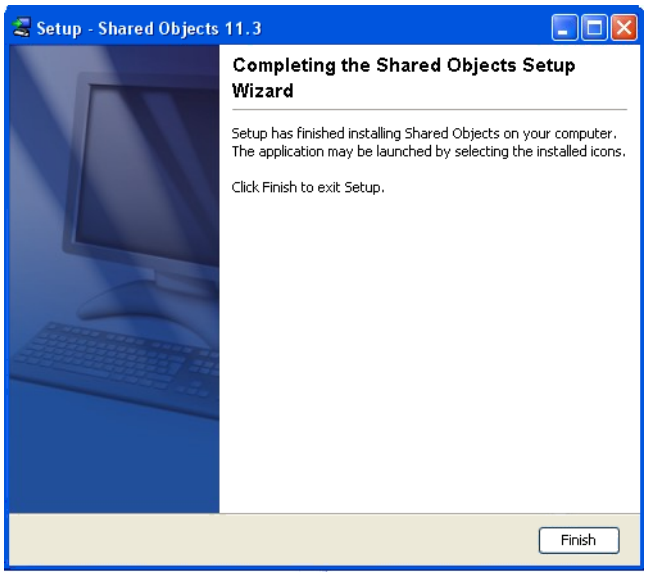
3 Choose the components you want to install.



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 Internet Document Server and the Shared Objects. Now proceed to the next topic, Installing Docupresentment Client.

Installing Docupresentment Client

You can install the Docupresentment Client on Windows from a CD or by downloading it from the Internet. Follow these steps to install Docupresentment Client:

Installing from a CD

If you are installing from a CD, insert the Docupresentment CD in your CD drive. Click Start, Run and enter this command:

```
(CD-ROM drive letter):IDSClient22pxxw32.exe
```

where *xx* is the patch number.

The setup wizard starts.

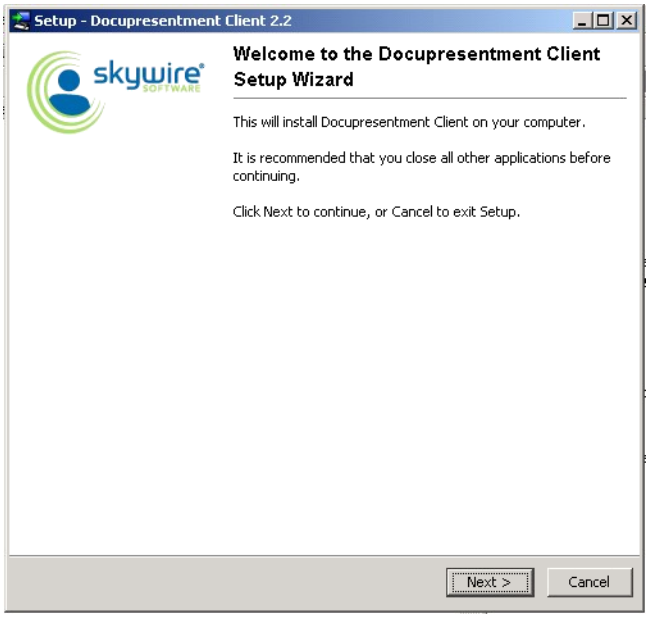
Installing from the Internet

To download shared objects from the Internet, go to the E-Delivery site at:

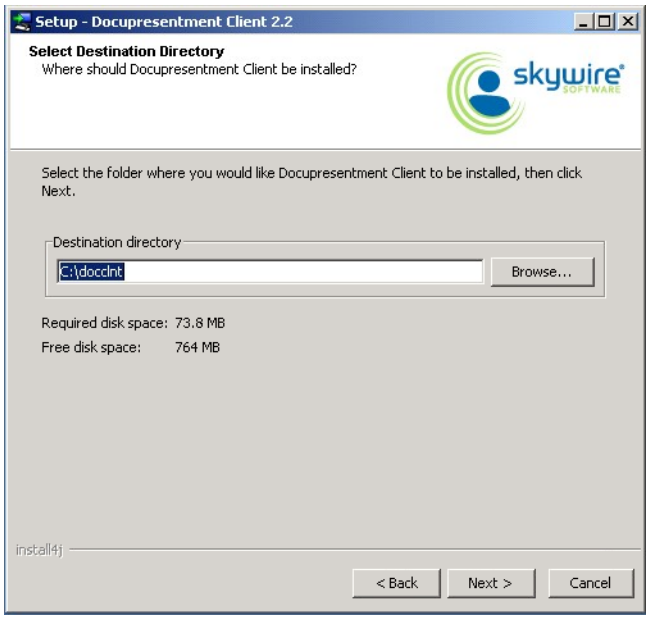
http://edelivery.oracle.com/

After you download and save the Docupresentment Client installation to the proper location, start the Docupresentment Client setup wizard (IDSClient22pxxw32.exe).

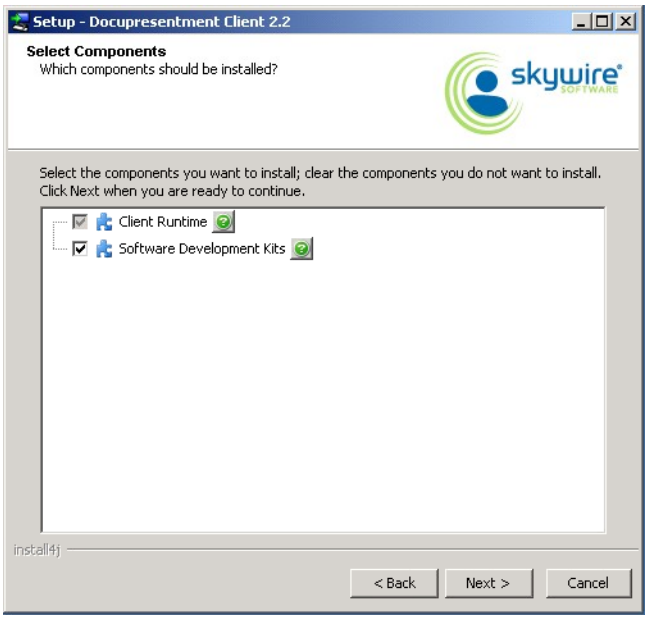
1 Once the setup routine starts, follow the instructions which appear on your screen.



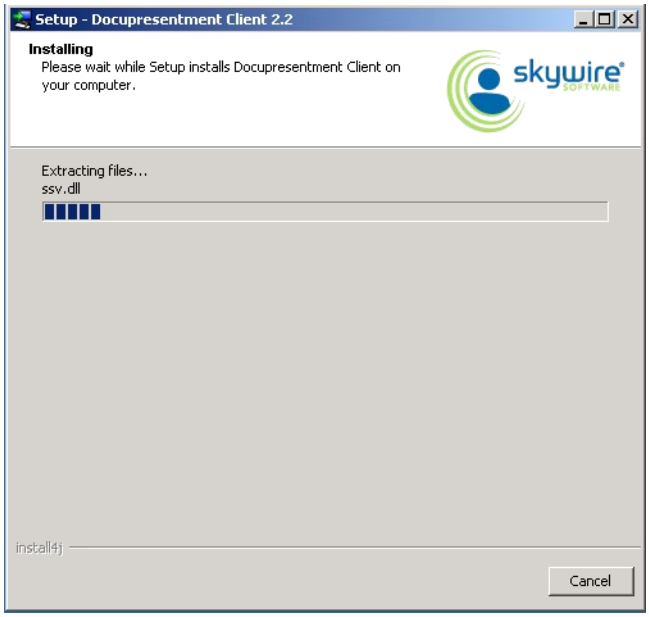
2 Close all open applications then click Next to continue. The Select Destination Directory window appears.



3 Click Browse to select the directory into which you want to install the Docupresentment Client. Then click Next to continue. The Select Components window appears.



4 Choose the components you want to install. Then click Next to continue. The installation routine installs the Docupresentment Client, showing its progress on this window:


Setup - Docupresentment Client 2.2
Installing
Please wait while Setup installs Docupresentment Client on your computer.
skywire
SOFTWARE
Extracting files...
ssv.dll
install4j
Cancel

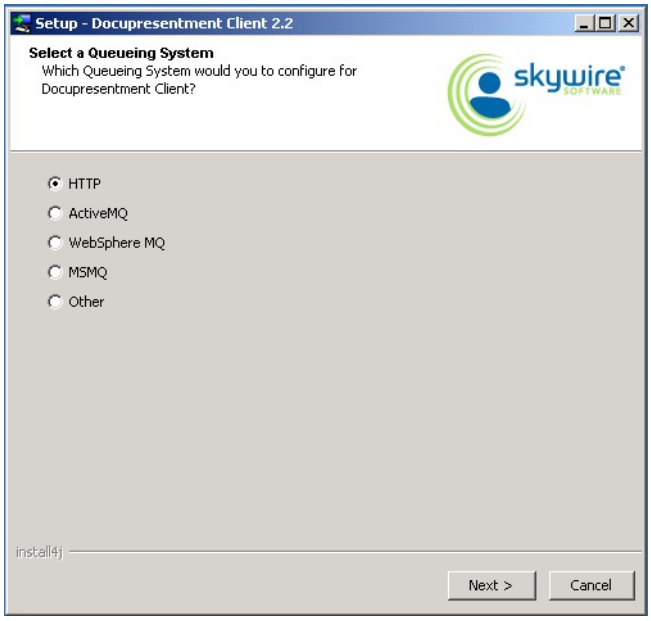
SELECTING A QUEUEING METHOD

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

- HTTP
- ActiveMQ
- WebSphere MQ
- MSMQ

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

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

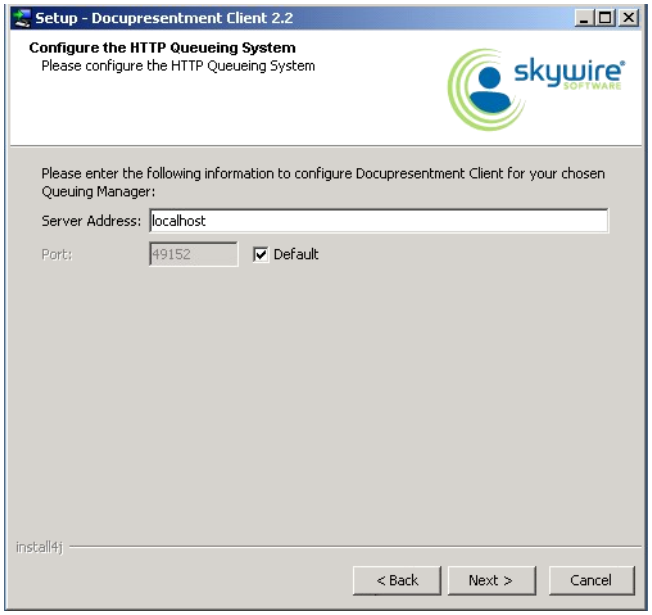


Then click Next.

A configuration wizard lets you enter queue-specific information for each queueing method. The default queue is HTTP.

Using HTTP

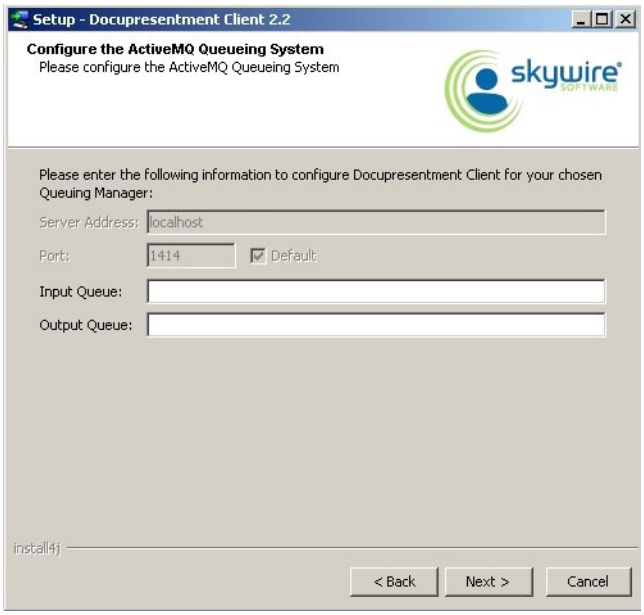
If chose HTTP queues, the Configure the HTTP Queueing System window appears:



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

Using ActiveMQ

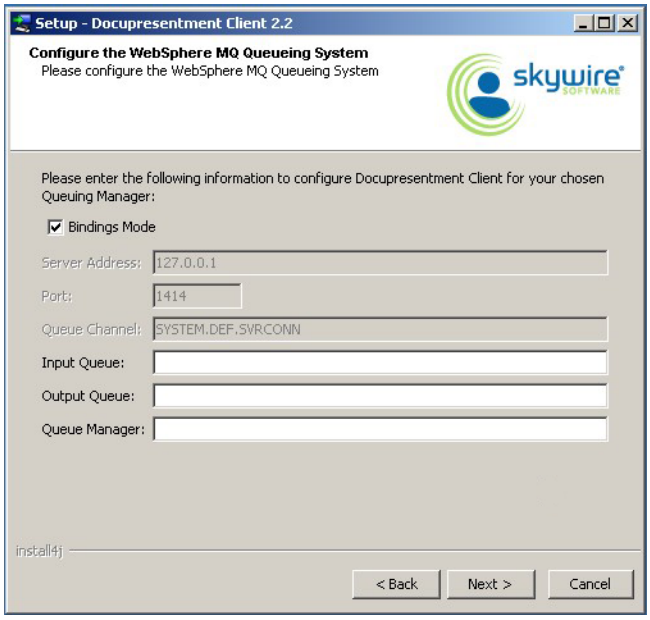
If you chose ActiveMQ, the Configure the ActiveMQ Queueing System window appears:



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 Queueing System window appears:



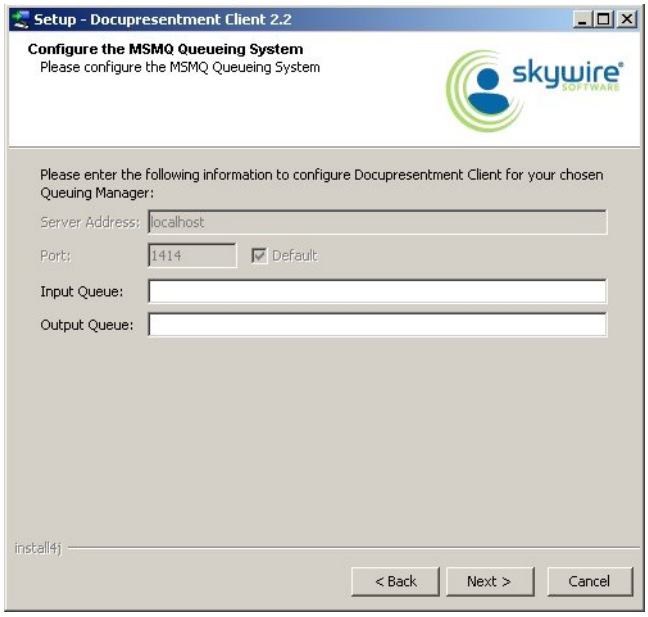
For WebSphere MQ queues, you can choose to use Bindings Mode.

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

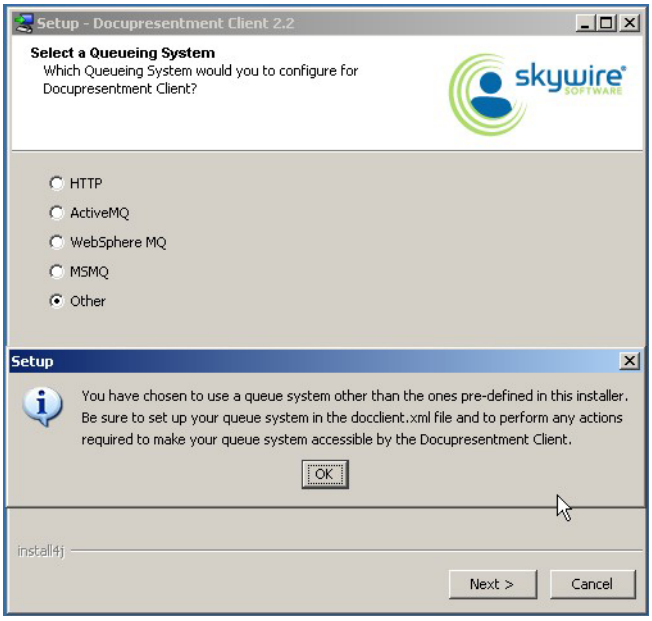
If you chose MSMQ, the Configure the MSMQ Queueing System window appears:



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

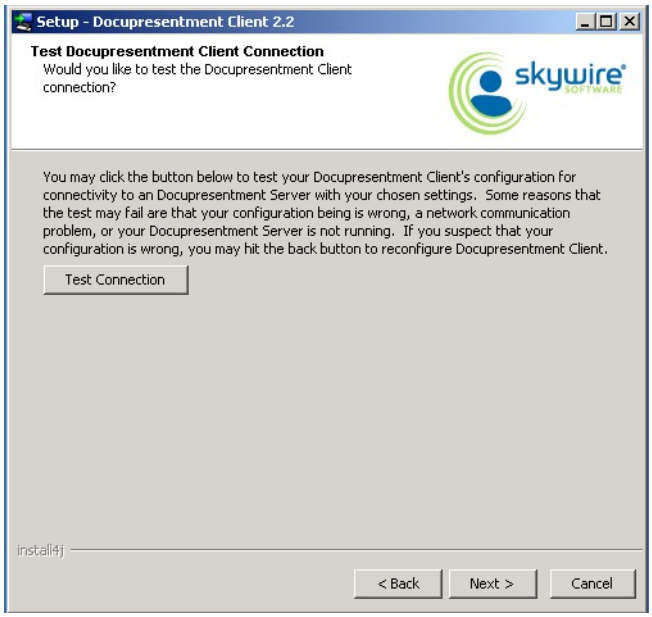
Setting up another queue

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



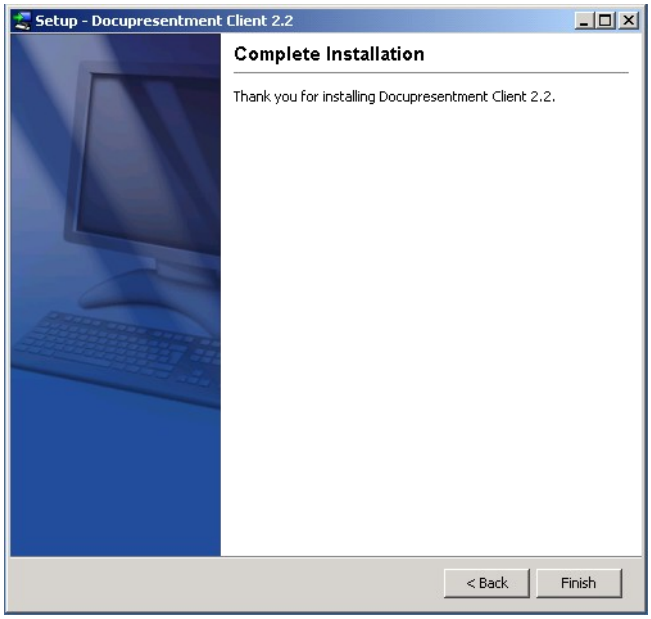
Testing Your Connection

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



NOTE: Docupresentment Server and the queueing system you chose have to be running to test the Docupresentment Client.

If the test is successful, the Complete Installation window appears.



This window indicates that the Docupresentment Client is configured correctly and is successfully communicating with the Docupresentment Server. Click Finish.

Congratulations, you have installed the Docupresentment Server, Shared Objects, and Docupresentment Client Now proceed to the next topic, Testing Your Installation.

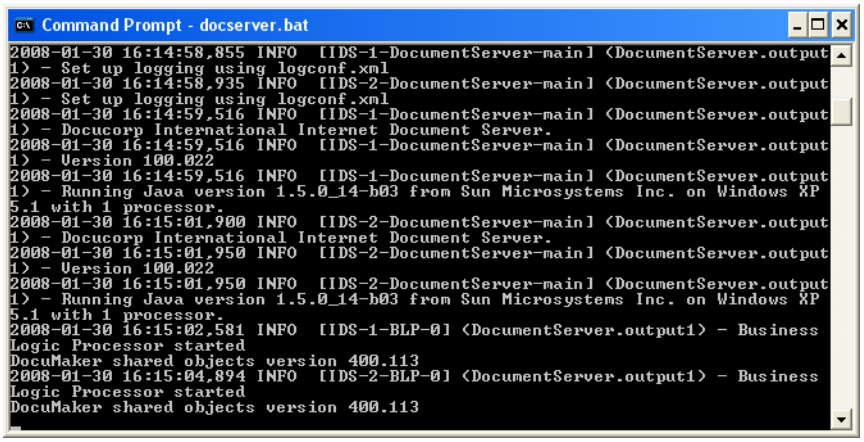
Testing Your Installation

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

1. Start Docupresentment Server by entering this command in the c:\docserv directory:

   ```
   docserver.bat
   ```

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

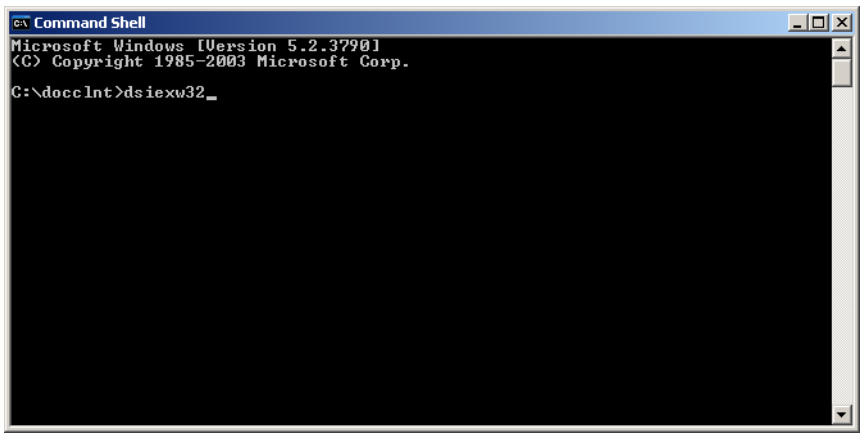


   Docupresentment Server has started when you see the following:

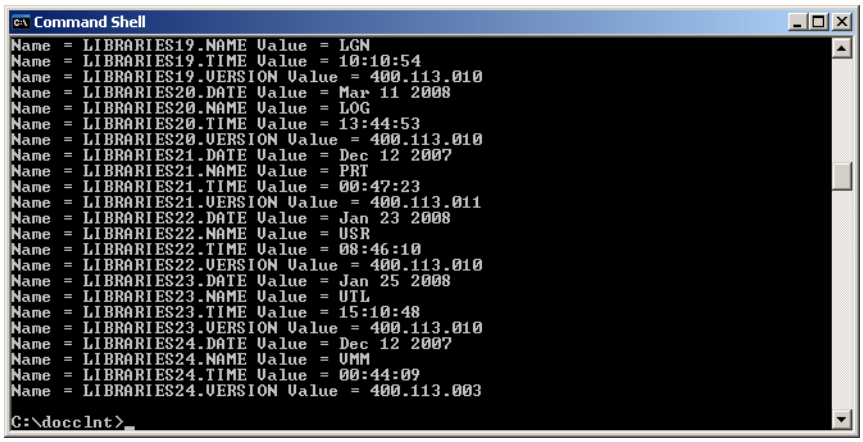
   ```
   'Business Logic Processor started'
   Documaker shared objects version 400.113
   ```

2. By default, two instances of Docupresentment Server 2.2 will start. Go to the Docupresentment Client Box an open a command prompt. Then go to the Docupresentment Client directory, such as c:\docslnt, and enter this command:

   ```
   dsiexw32.exe
   ```



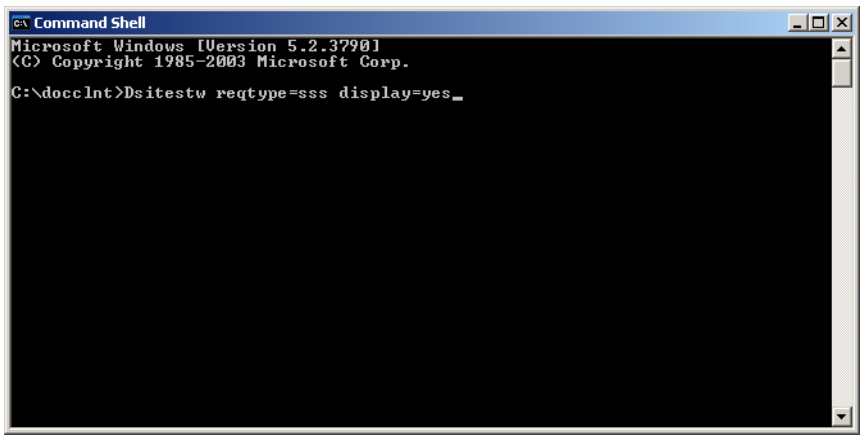
3 You should now see a window similar to the following window:



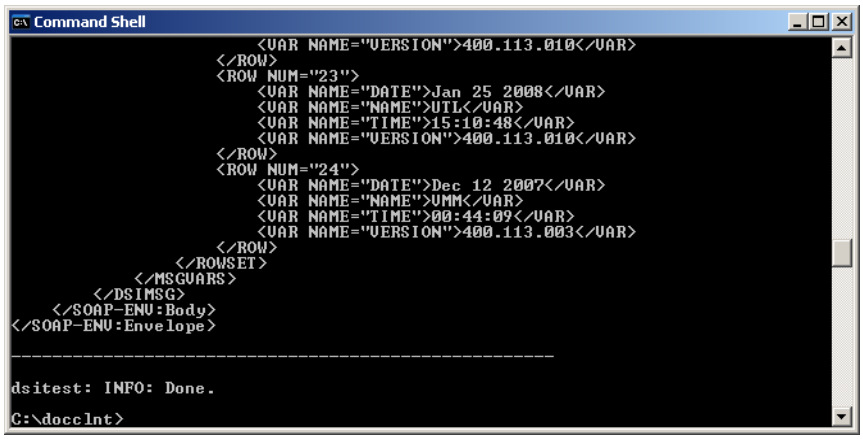
If you receive these results, Docupresentment is installed and running properly.

4 You can run another verification test using dsitestw.exe by typing the following command at the command prompt:

```
Dsitestw reqtype=sss display=yes
```



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



If you receive these results, Docupresentment is communicating via HTTP queues and the system is able to process request types successfully.

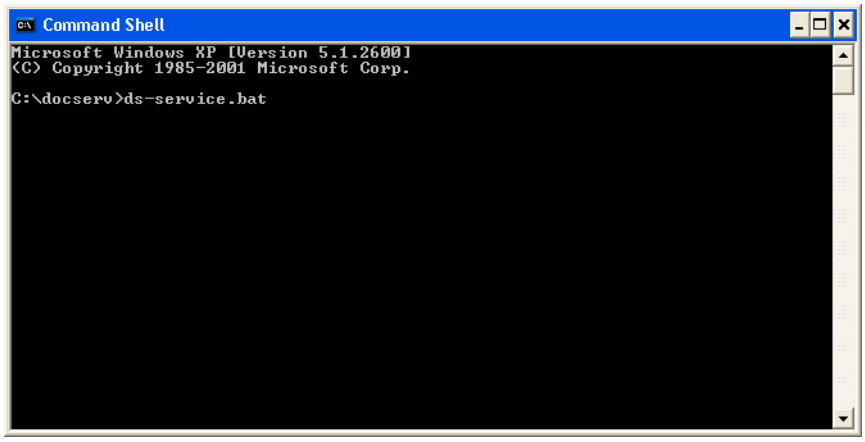
Setting Up the System as a Service

NOTE: You cannot run Docupresentment version 2.2 as a service using HTTP queues. To run Docupresentment as a service, you must use WebSphere MQ, ActiveMQ, or MSMQ.

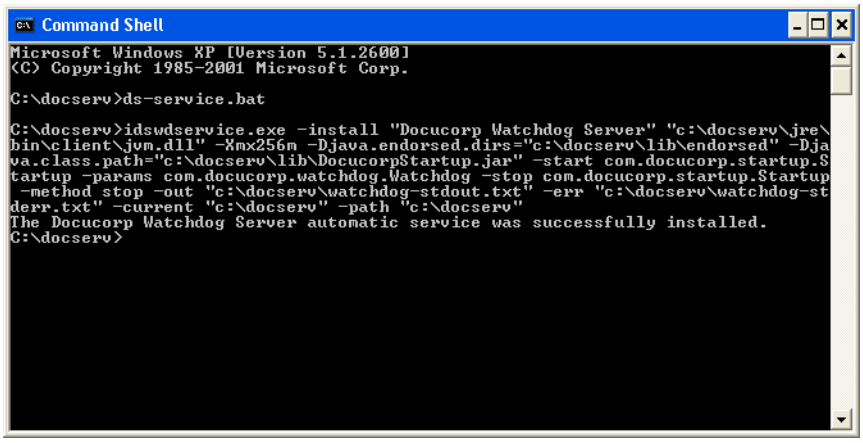
To install Docupresentment as a service, open a command shell window and go to the directory into which you installed Docupresentment, such as c:\docserv.

Next, enter this command in the c:\docserv directory:

```
Ds-service.bat
```



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



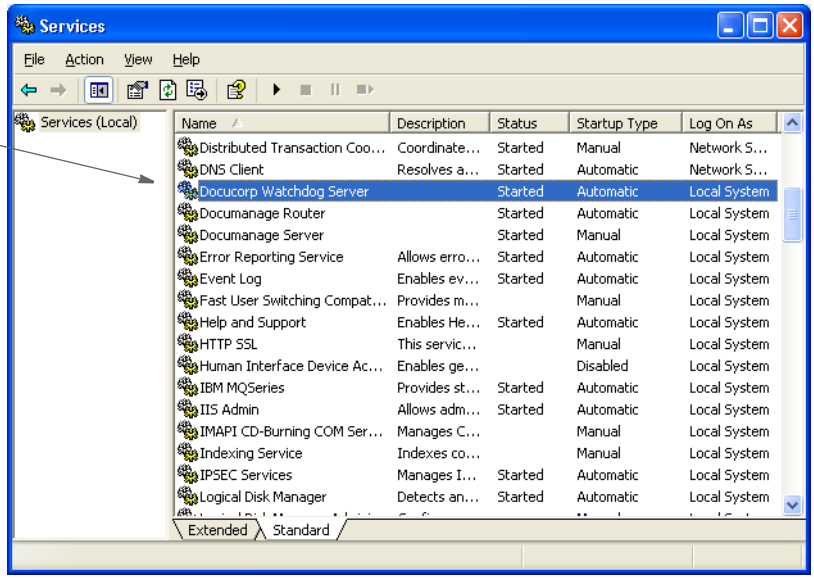
Docupresentment has been installed as a service on Windows when you see this message:

```
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 open the Services Console.

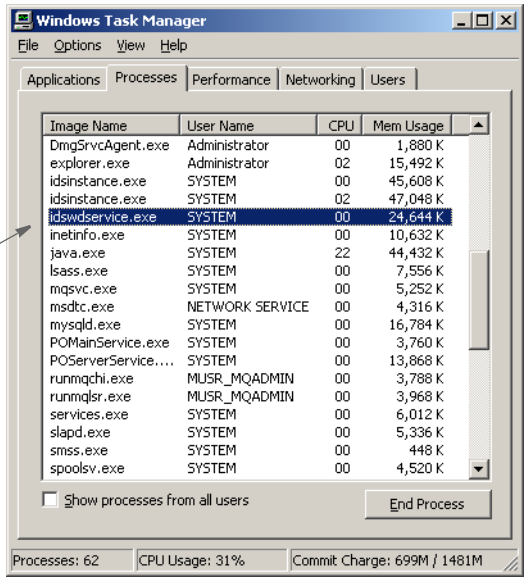
The Docupresentment service is listed as Docucorp Watchdog Server.



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

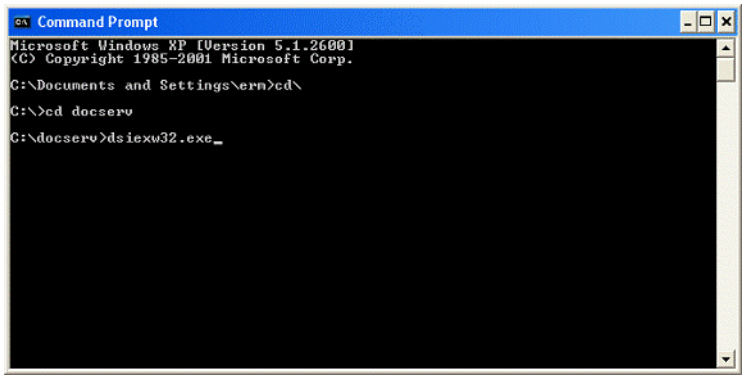
2 When you start Docupresentment via the Services Console, you can make sure the service is running by going to Task Manager.

Here is the Docupresentment service in the Processes list.

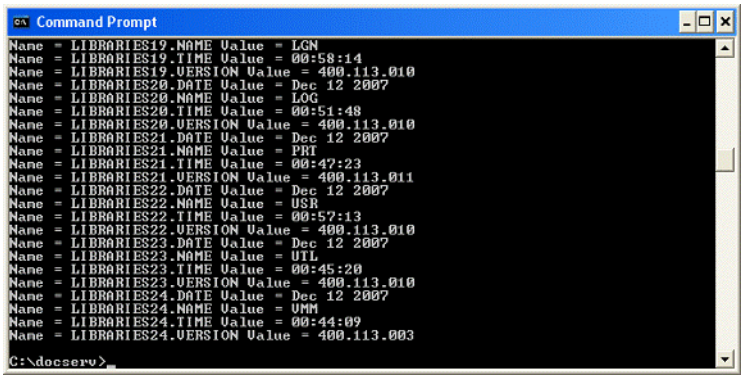


3 Open another command prompt and go to the installation directory, such as c:\docserv, and enter this command:

```
dsiexw32.exe
```



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



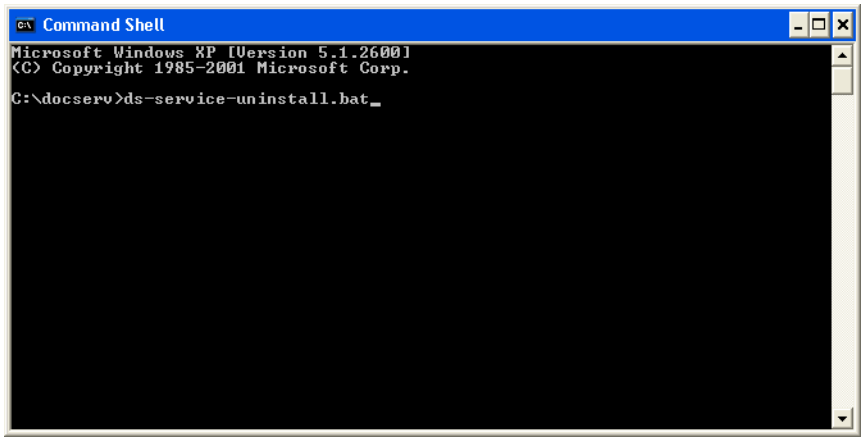
If you receive these results, Docupresentment is installed and running properly as a service.

UNINSTALLING DOCUPRESENTMENT AS A SERVICE

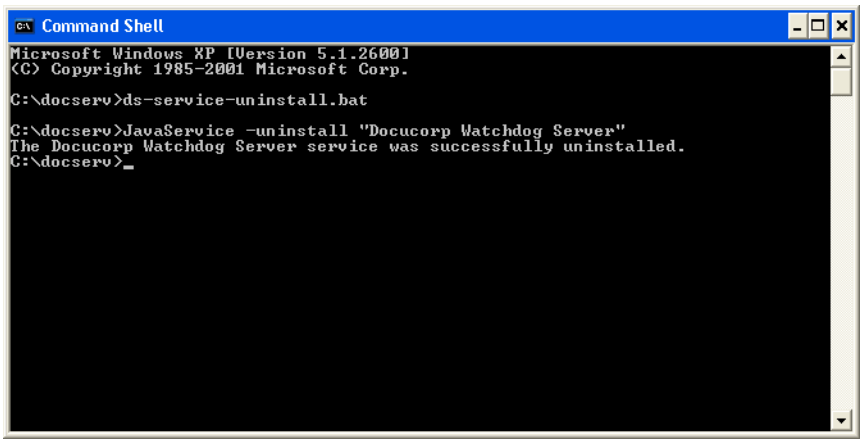
To uninstall Docupresentment as a service, open a command window and go to the directory into which you installed Docupresentment, such as c:\docserv.

Next, enter this command in the c:\docserv directory:

```
Ds-service-uninstall.bat
```



You should see a window similar to this one:



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

```
The Docucorp Watchdog Server automatic service was successfully
uninstalled
```

The *Docucorp Watchdog Server* entry will no longer appear in the Services Console. The Docupresentment Service has been uninstalled.

Uninstalling the System

Use the Control Panel, Add/Remove Programs option in Windows to remove Docupresentment. This option removes Docupresentment, the various bridges, and sample files.

Data files saved after you installed Docupresentment are preserved.

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

TROUBLESHOOTING THE CLIENT

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

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="2.2">
        <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.SOAP
MIMEDSIMessageMarshaller</entry>
                <entry
name="queuefactory.class">com.docucorp.messaging.jms.DSIJMSJNDIMess
ageQueueFactory</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.ActiveM
QInitialContextFactory</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.SOAP
MIMEDSIMessageMarshaller</entry>
                <entry
name="queuefactory.class">com.docucorp.messaging.http.DSIHTTPMessag
eQueueFactory</entry>
               <entry name="http.url">http://localhost:49152</entry>
                <entry name="http.reuse.ports">15</entry>
                <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.SOAP
MIMEDSIMessageMarshaller</entry>
                <entry
name="queuefactory.class">com.docucorp.messaging.mqseries.DSIMQMess
ageQueueFactory</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>
            </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.SOAP
MIMEDSIMessageMarshaller</entry>
                <entry
name="queuefactory.class">com.docucorp.messaging.msmq.DSIMSMQMessag
eQueueFactory</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\commons-
collections.jar;C:\docclnt\clientlib\commons-
fileupload.jar;C:\docclnt\clientlib\commons-
pool.jar;C:\docclnt\clientlib\DocuCorpUtil.jar;C:\docclnt\clientlib
\DSIJavaMsg.jar;C:\docclnt\clientlib\IDSJSP.jar;C:\docclnt\clientli
b\jdom.jar;C:\docclnt\clientlib\xerces.jar;C:\docclnt\clientlib\log
4j.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:\doc
clnt\.\.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

Skywire Software does not ship third-party jar files, so you must find and install the appropriate third-party jar files for ActiveMQ and WebSphere MQ. Add these third-party jar files to the c:\docclnt\clientlib\ directory and also to the CLASSPATH.

Here are some examples:

For ActiveMQ 4.0.2, you would add the following to the CLASSPATH:

```
c:\docclnt\clientlib\incubator-activemq-
4.0.2.jar;c:\docclnt\clientlib
```

For WebSphere MQ, you would add the following to the CLASSPATH:

```
c:\docclnt\clientlib\com.ibm.mq.jar;c:\docclnt\clientlib\connector.
jar
```

Chapter 3

Installing Docupresentment on UNIX/Linux

This chapter provides information on installing Docupresentment on UNIX-based machines, such as those running AIX, Linux, and Solaris.

You will find this information:

- Overview on page 40
- Installing a New System on page 43
- Scenario 1: New Installation of Version 2.2 on page 44
- Scenario 2: Upgrading From a Version 1.x Environment (overlay) on page 47
- Scenario 3: Upgrading from Version 2.1 to Version 2.2 on page 51
- Scenario 4: Modified Upgrade from Version 1.x on page 54
- Scenario 5: Modified Upgrade from Version 2.x on page 58
- Scenario 6: Patch Upgrade of a Version 2.2 Environment on page 62
- Testing the Installation on page 63
- Uninstalling the System on page 67

NOTE: For information on system requirements, see System Requirements on page 2.

OVERVIEW

This topic describes how to install Docupresentment version 2.2 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 2.2
- Install Docupresentment 2.2
- Make sure the system is working correctly

Docupresentment 2.2 is designed to work with third party applications, such as WebSphere Application Server, Apache, or Tomcat, and queuing managers such as WebSphere MQ. This topic does not provide installation instructions on non-Oracle Insurance products. Please consult the specific product manuals for installation and configuration instructions for your particular UNIX environment.

Docupresentment version 2.2 and Shared Objects - Documaker Bridge 11.3 are packaged as installation scripts in the UNIX/Linux environments. 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.

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 2.2 was tested on various UNIX/Linux platforms. This table lists the configurations that have been tested.

AIX systems

Model*	pSeries p650
CPU	6 x 1.45GHz Power4+ processors
Memory*	12GB
Hard disk**	Two 36.4GB 10, 000RPM Ultra3 SCSI drives

*Additional memory and a faster CPU are not required, but will improve performance.
** Additional space required for your customized forms.

Linux systems

Model*	Dell PWS450
CPU	2 x 2.40GHz Xeon processors
Memory*	3GB
Hard disk**	70GB SCSI drive

***Additional memory and a faster CPU are not required, but will improve performance.**
**** Additional space required for your customized forms.**

Solaris systems

Model*	Enterprise 250
CPU	2 x 400MHz UltraSPARC-II processors
Memory*	2GB
Hard disk**	Four 36GB SCSI drives

***Additional memory and a faster CPU are not required, but will improve performance.**
**** Additional space required for your customized forms.**

Checking the Software Requirements

Docupresentment 2.2 requires JRE 1.5 or higher. Check the server's installed Java version by typing the following command in a terminal window:

```
java -version
```

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.

NOTE: Docupresentment 2.2 supports the 32-bit version of Java. Docupresentment 2.2 does not operate properly in 64-bit versions of the JRE.

Creating the Required User and Directories

Oracle Insurance recommends that you install and run Docupresentment as a *user* — not as *root*. Create the user account you will use to run Docupresentment 2.2.

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.

Installing a New System

There are several installation and upgrade scenarios for Docupresentment version 2.2.

If you...	Follow...
Are installing Docupresentment for the first time	Scenario 1: New Installation of Version 2.2 on page 44
Have Docupresentment 1.x installed	Either: Scenario 2: Upgrading From a Version 1.x Environment (overlay) on page 47 or Scenario 4: Modified Upgrade from Version 1.x on page 54
Have Docupresentment 2.1 installed and would like to upgrade to version 2.2	Scenario 6: Patch Upgrade of a Version 2.2 Environment on page 62
Have Docupresentment 2.2 installed and would like to perform a patch upgrade	Scenario 6: Patch Upgrade of a Version 2.2 Environment on page 62

NOTE: If you are using MQSeries for the queuing methodology, you must locate the com.ibm.mq.jar and connector. jar files that correspond to the MQSeries server version being used and copy those jar files to the .../docserv/lib directory for the Docupresentment installation.

Scenario 1: New Installation of Version 2.2

Installing the system for the first time involves these tasks:

- Installing Docupresentment 2.2 RTE on page 44
- Installing the Documaker Bridge Shared Objects RTE on page 46

Installing Docupresentment 2.2 RTE

Follow these steps to install Docupresentment 2.2 RTE:

1. Download the Docupresentment 2.2 RTE and the Shared Objects - Documaker Bridge 11.3 Pxx installation scripts from the E-Delivery site to a directory where you have execute permissions.
2. Execute the Docupresentment 2.2 RTE installation script.

   Enter the installation path. Either override the default installation directory location or press ENTER to accept the default of /home/docc/int022.

NOTE: The following example screens show what you would see if you logged in as *docc* and were installing patch level 02 for Docupresentment version 2.2.

```
* * * Docupresentment 2.2 (Patch Level 02) (Type RTE) Installation/Update * * *
        Loading, Please Wait ...

Please select an Installation/Update Directory:
Press <Enter> to accept default: </home/docc/int022>
 {y or n}?>y
```

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

```
Install Docupresentment 2.2 (RTE) to </home/docc/int022>?
 {y or n}?>y

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

4. Define the path of the 32-bit JRE directory (64 bit JRE systems will not correctly install) or accept the default detected by the installation:

```
Where is your 32-bit Java Run-time (JRE) Location?
Press <Enter> to accept default: </usr/java5/jre>?>

JRE Version=java version "1.5.0"
```

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:

```
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.
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/docc/int022/docserv>. Please note that you must enter the same path (through the .../docserv level) that was supplied during the Docupresentment 2.2 RTE installation. For this example, use Shared Objects - Documaker Bridge 11.3.

```
* * * Documaker RP Shared Objects Bridge 11.3 (Level 02) Installation/Update * * *
Loading, Please Wait ...

Please identify your Docupresentment Installation/Update
Directory: Note: Docupresentment directory must already exist.
Press <Enter> to accept default:
</home/docc/int022/docserv>
?>
```

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

```
Install Documaker RP Shared Objects Bridge 11.3 (Level 02) to
</home/docc/int022/docserv>?
 {y or n}?>y

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

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

Setting up docserv.xml to use jre located at </usr/java5/jre> ...

Installation Complete.
```

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

Please see Testing the Installation on page 63 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 2.2 upgrade it is important to note the path name to the installation. If the previous version included *int018* or some other semblance of a version number in the path, you must decide to keep the naming convention or rename the directory to *int022* or some similar name.

Docupresentment 2.2 will correctly run in a directory path with a prior version name, such as /home/docc/int018. 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/docc/int022, 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 (Documanage bridge configuration files such as dmg_brs.ini
- Documaker Bridge and Documaker Server RPDRunRP configuration files such as dap.ini, rpex1.ini, rpex1rpd.ini, and RPDRunRP fsiuser 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 2.2 RTE

1. Download the Docupresentment 2.2 RTE and the Shared Objects - Documaker Bridge 11.3 Pxx installation scripts from the E-Delivery 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 2.2 RTE installation script.

   Enter the installation path: You must point the installation to the existing int0*xx* directory or the user-specified directory name.

```
 * * * Docupresentment 2.2 (Patch Level 02) (Type RTE) Installation/Update * * *
Loading, Please Wait ...


Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/docc/int022>
?>
```

3. The system detects that a previous version of Docupresentment is resident. You must choose to back up and upgrade, upgrade, or quit. Oracle Insurance 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/docc/int022>
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 2.2 (RTE) to
</home/docc/int022>?
 {y or n}?>y


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

5 Define the path of the 32-bit JRE directory (64-bit JRE systems will not correctly install) or accept the default that is detected by the installation:

```
Where is your 32-bit Java Run-time (JRE) Location?
Press <Enter> to accept default: </usr/java5/jre>
?>
JRE Version=java version "1.x.x"
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.
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 version 2.x files the system is trying to rename. You can ignore these two error messages.

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

Please see Testing the Installation on page 63 for instructions to test a simple request using the base Docupresentment system.

Scenario 3: Upgrading from Version 2.1 to Version 2.2

When planning a Docupresentment 2.2 upgrade it is important to note the path name to the installation. If the previous version included *int021* or some other semblance of a version number in the path, you must decide to keep the naming convention or rename the directory to *int022* or some similar name.

Docupresentment 2.2 will correctly run in a directory path with a prior version name, such as /home/docc/int021. 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/docc/int022, 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 (Documanage bridge configuration files such as dmg_brs.ini
- Documaker Bridge and Documaker Server RPDRunRP configuration files such as dap.ini, rpex1.ini, rpex1rpd.ini, and RPDRunRP fsiuser.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 2.2 RTE

1. Download the Docupresentment 2.2 RTE and the Shared Objects - Documaker Bridge 11.3 Pxx installation scripts from the E-Delivery site to a directory where you have execute 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 2.2 RTE installation script.

   Enter the installation path: You must point the installation to the existing int0*xx* directory or the user-specified directory name.

```
* * * Docupresentment 2.2 (Patch Level 02) (Type RTE) Installation/Update * * *
Loading, Please Wait ...


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

3. The system detects that a previous version of Docupresentment is resident. You must choose to back up and upgrade, upgrade, or quit. Oracle Insurance 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/docc/docupresentment> for version <2.1> 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 2.2 (RTE) to </home/docc/docupresentment>?
{y or n}?>y


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

5 Define the path of the 32-bit JRE directory (64-bit JRE systems will not correctly install) or accept the default that is detected by the installation:

```
Where is your 32-bit Java Run-time (JRE) Location?
Press <Enter> to accept default: </usr/java5/jre>
?>/usr/java5/jre
JRE Version=java version "1.x.x"
```

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.
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 on page 63 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 2.2 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 2.2 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 IDS version 1.x, you will complete these tasks:

- Installing Docupresentment 2.2 RTE on page 54
- Installing Documaker Bridge Shared Objects on page 56
- Testing Your System on page 56
- Customizing Your Docupresentment 2.2 Environment on page 57

Installing Docupresentment 2.2 RTE

Follow these steps to install Docupresentment 2.2 RTE:

1. Download the Docupresentment 2.2 RTE and the Shared Objects - Documaker Bridge 11.3 Pxx installation scripts from the E-Delivery 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 2.2 RTE installation script.

   Enter the installation path: Either override the default installation directory location or press ENTER to accept the default of /home/docc/int022.

```
* * * Docupresentment 2.2 (Patch Level 02) (Type RTE) Installation/Update * * *
Loading, Please Wait ...


Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/docc/int022>
 ?>
```

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

```
Install Docupresentment 2.2 (RTE) to
</home/docc/int022>?
{y or n}?>y


Install/Update in progress.  Please wait...


Updated Base Components ...
```

4 Define the path of the 32-bit JRE directory (currently Docupresentment Bridges will not run correctly with a 64-bit JRE). Accept the default detected by the installation:

```
Where is your 32-bit Java Run-time (JRE) Location?
Press <Enter> to accept default: </usr/java5/jre>?>
JRE Version=java version "1.5"
Installing Setup Files ...
Please Wait ...
New Installation Components Installed …
RTE Installation Complete
```

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 of </home/docc/int022/docserv>. Please note you must enter the same path (through the .../docserv level) that was supplied during the Docupresentment 2.2 RTE installation. For this example, use Shared Objects - Documaker Bridge 11.3.

```
* * * Documaker RP Shared Objects Bridge 11.3 (Level 02) Installation/Update * * *
 Loading, Please Wait ...


Please identify your Docupresentment Installation/Update
Directory: Note: Docupresentment directory must already exist.
Press <Enter> to accept default:
</home/docc/int022/docserv>
?>
```

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

```
Install Documaker RP Shared Objects Bridge 11.3 (Level 02) to
</home/docc/int022/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 ...


Setting up docserv.xml to use jre located at </usr/java5/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 on page 63 for instructions to test a simple request using the base Docupresentment system.

CUSTOMIZING YOUR DOCUPRESENTMENT 2.2 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 2.2 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 Professional 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/mstrres 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.xsl Docserv.xml
   ```

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

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

   These steps create the docserv.xml and docclient.xml files that Docupresentment 2.2 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 on page 63 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 2.2 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 2.2 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 IDS version 2.x, you will complete these tasks:

- Installing Docupresentment 2.2 RTE on page 58
- Installing Documaker Bridge Shared Objects on page 60
- Testing Your System on page 60
- Customizing Your Docupresentment 2.2 Environment on page 61

Installing Docupresentment 2.2 RTE

Follow these steps to install Docupresentment 2.2 RTE:

1. Download the Docupresentment 2.2 RTE and the Shared Objects - Documaker Bridge 11.3 Pxx installation scripts from the E-Delivery 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 2.2 RTE installation script.

   Enter the installation path: Either override the default installation directory location or press ENTER to accept the default of /home/docc/int022.

```
* * * Docupresentment 2.2 (Patch Level 02) (Type RTE) Installation/Update * * *
Loading, Please Wait ...


Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/docc/int022>
 ?>
```

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

```
Install Docupresentment 2.2 (RTE) to
</home/docc/int022>?
{y or n}?>y


Install/Update in progress.  Please wait...


Updated Base Components ...
```

4 Define the path of the 32-bit JRE directory (currently Docupresentment Bridges will not run correctly with a 64-bit JRE). Accept the default detected by the installation:

```
Where is your 32-bit Java Run-time (JRE) Location?
Press <Enter> to accept default: </usr/java5/jre>?>
JRE Version=java version "1.5"
Installing Setup Files ...
Please Wait ...
New Installation Components Installed …
RTE Installation Complete
```

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 of </home/docc/int022/docserv>. Please note you must enter the same path (through the .../docserv level) that was supplied during the Docupresentment 2.2 RTE installation. For this example, use Shared Objects - Documaker Bridge 11.3.

```
* * * Documaker RP Shared Objects Bridge 11.3 (Level 02) Installation/Update * * *
 Loading, Please Wait ...


Please identify your Docupresentment Installation/Update
Directory: Note: Docupresentment directory must already exist.
Press <Enter> to accept default:
</home/docc/int022/docserv>
?>
```

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

```
Install Documaker RP Shared Objects Bridge 11.3 (Level 02) to
</home/docc/int022/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 ...


Setting up docserv.xml to use jre located at </usr/java5/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 on page 63 for instructions to test a simple request using the base Docupresentment system.

Customizing Your Docupresentment 2.2 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 2.2 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 Professional 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 2.2 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 queueing 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 pathing 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 2.2 environment (be sure to create a backup copy first in the docserv directory). This makes sure the configuration information is available to the Docupresentment 2.2 installation.

Once you move all client components to the new installation directories, see Testing the Installation on page 63 to test the installation again.

Scenario 6: Patch Upgrade of a Version 2.2 Environment

Follow these steps to apply a patch to an Docupresentment 2.2 installation:

1. Download the Docupresentment 2.2 RTE script to a directory where you have execute permissions.
2. Execute the Docupresentment 2.2 RTE installation script.

   Enter the installation path: You must point the installation to the existing directory or the user-specified directory name.

```
* * * Docupresentment 2.2 (Patch Level 02) (Type RTE) Installation/Update * * *
Loading, Please Wait ...


Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/docc/int022>
?>
```

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

```
Docupresentment installation </home/docc/int022>
for version <2.2> 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 2.2 (RTE) to
</home/docc/int022>?
{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 on page 63 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 2.2 sever 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. Beginning with version 2.2, you must issue the command *docserver.sh stop* to end the session.

2. Enter this command:

```
./dsitest.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:

```
<?xml version="1.0" encoding="UTF-8"?>
<DSIMSG VERSION="200.020.0">
<CTLBLOCK/>
<MSGVARS>
<ROWSET NAME="LIBRARIES">
<ROW NUM="1">
<VAR NAME="DATE">Aug  4 2005</VAR>
<VAR NAME="NAME">dsicrule</VAR>
<VAR NAME="TIME">14:55:36</VAR>
<VAR NAME="VERSION">200.020.001</VAR>
</ROW>
<ROW NUM="2">
<VAR NAME="DATE">Feb  2 2006</VAR>
<VAR NAME="NAME">DSIOS2</VAR>
<VAR NAME="TIME">10:19:20</VAR>
<VAR NAME="VERSION">200.020.002</VAR>
</ROW>
<ROW NUM="3">
<VAR NAME="DATE">Feb  2 2006</VAR>
<VAR NAME="NAME">dsijava</VAR>
<VAR NAME="TIME">10:19:28</VAR>
<VAR NAME="VERSION">200.020.001</VAR>
</ROW>
<ROW NUM="4">
<VAR NAME="DATE">Feb  2 2006</VAR>
<VAR NAME="NAME">jexec</VAR>
<VAR NAME="TIME">10:19:30</VAR>
<VAR NAME="VERSION">200.020.001</VAR>
</ROW>
<ROW NUM="5">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">ARC</VAR>
<VAR NAME="TIME">15:45:27</VAR>
<VAR NAME="VERSION">400.110.020</VAR>
```

```
</ROW>
<ROW NUM="6">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">CAR</VAR>
<VAR NAME="TIME">15:39:36</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="7">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">DAL</VAR>
<VAR NAME="TIME">15:45:51</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="8">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">DB2</VAR>
<VAR NAME="TIME">15:50:34</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="9">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">DB5</VAR>
<VAR NAME="TIME">15:39:24</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="10">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">DB</VAR>
<VAR NAME="TIME">15:39:12</VAR>
<VAR NAME="VERSION">400.110.015</VAR>
</ROW>
<ROW NUM="11">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">DPR</VAR>
<VAR NAME="TIME">15:49:33</VAR>
<VAR NAME="VERSION">400.110.001</VAR>
</ROW>
<ROW NUM="12">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">DS</VAR>
<VAR NAME="TIME">15:38:43</VAR>
<VAR NAME="VERSION">400.110.013</VAR>
</ROW>
<ROW NUM="13">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">DXM</VAR>
<VAR NAME="TIME">15:37:35</VAR>
<VAR NAME="VERSION">400.110.004</VAR>
</ROW>
<ROW NUM="14">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">FAP</VAR>
<VAR NAME="TIME">15:38:19</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
```

```
<ROW NUM="15">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">FNT</VAR>
<VAR NAME="TIME">15:42:06</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="16">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">GRF</VAR>
<VAR NAME="TIME">15:39:41</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="17">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">INI</VAR>
<VAR NAME="TIME">15:37:03</VAR>
<VAR NAME="VERSION">400.110.020</VAR>
</ROW>
<ROW NUM="18">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">LBY</VAR>
<VAR NAME="TIME">15:46:07</VAR>
<VAR NAME="VERSION">400.110.011</VAR>
</ROW>
<ROW NUM="19">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">LOG</VAR>
<VAR NAME="TIME">15:40:49</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="20">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">MTC</VAR>
<VAR NAME="TIME">15:49:46</VAR>
<VAR NAME="VERSION">400.110.001</VAR>
</ROW>
<ROW NUM="21">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">PDF</VAR>
<VAR NAME="TIME">15:44:37</VAR>
<VAR NAME="VERSION">400.110.020</VAR>
</ROW>
<ROW NUM="22">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">PRT</VAR>
<VAR NAME="TIME">15:38:55</VAR>
<VAR NAME="VERSION">400.110.011</VAR>
</ROW>
<ROW NUM="23">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">TIF</VAR>
<VAR NAME="TIME">15:40:05</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="24">
```

```
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">USR</VAR>
<VAR NAME="TIME">15:39:32</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="25">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">UTL</VAR>
<VAR NAME="TIME">15:37:23</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="26">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">VMM</VAR>
<VAR NAME="TIME">15:36:44</VAR>
<VAR NAME="VERSION">400.110.003</VAR>
</ROW>
<ROW NUM="27">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">XER</VAR>
<VAR NAME="TIME">15:43:01</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
<ROW NUM="28">
<VAR NAME="DATE">Mar 31 2006</VAR>
<VAR NAME="NAME">XMC</VAR>
<VAR NAME="TIME">15:41:56</VAR>
<VAR NAME="VERSION">400.110.010</VAR>
</ROW>
</ROWSET>
<VAR NAME="ERRORCOUNT">0</VAR>
<VAR NAME="LASTRESTART">Apr 19, 2006 12:28:07 PM EDT</VAR>
<VAR NAME="RESTARTCOUNT">0</VAR>
<VAR NAME="RESULTS">SUCCESS</VAR>
<VAR NAME="SERVERTIMESPENT">0.310</VAR>
<VAR NAME="SUCCESSCOUNT">67</VAR>
<VAR NAME="TOTALTIMESPENT">0.772</VAR>
<VAR NAME="UPTIME">Apr 19, 2006 12:28:07 PM EDT</VAR>
</MSGVARS>
 </DSIMSG>
```

Uninstalling the System

To uninstall Docupresentment on UNIX/Linux, 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.