

**Oracle® Documaker**

# **Internet Document Server Installation Guide**

version 2.3

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## **Preface**

Oracle Insurance has Internet solutions for managing your documents. Docupresentment's Internet Document Server (IDS) helps manage the flow of your documents. IDS lets you access your documents with a web browser from your intranet or the Internet. The standard web browser interface includes security features, document database lookup, and document viewing in PDF format using the Adobe Acrobat Reader.

## **AUDIENCE**

This document is designed for system supervisors and is intended to help you install and set up Oracle Documaker's Docupresentment (IDS).

## **DOCUMENTATION ACCESSIBILITY**

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## RELATED DOCUMENTS

For more information, refer to the following Oracle resources:

- Documaker Administration Guide
- Printers Reference
- SDK Reference

## CONVENTIONS

The following text conventions are used in this document:

Convention	Description
<b>bold</b>	Indicates information you enter.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands, URLs, code in examples, and text that appears on the screen.

## Chapter 1

---

# Introduction

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

This table will help you find the information you need:

**To install Docupresentment on...    See...**

UNIX-based computers	<i>Installing Docupresentment on UNIX on page 23</i>
Windows-based computers	<i>Installing Docupresentment on Windows on page 55</i>

A summary of the system requirements follows. This includes system requirements for all Oracle Documaker Desktop and Oracle Documaker (both Enterprise and Standard Edition) applications, as these systems are often implemented together.

- *Docupresentment Requirements* on page 11
- *Documaker Enterprise Edition Requirements* on page 4
- *Documaker Standard Edition Requirements* on page 7
- *iPPS Requirements* on page 14
- *EWPS Requirements* on page 16
- *Documaker Web Services Requirements* on page 20
- *Documaker Desktop Requirements* on page 21

## SYSTEM REQUIREMENTS

The following Oracle Insurance applications run on a variety of operating systems and hardware platforms. Make sure you have these components before you install the following applications.

### Operating systems

The following applications run on a variety of operating systems, principally Windows operating systems such as Windows XP, Windows 2003, Windows Vista, and Windows 7, UNIX/Linux operating systems such as AIX, Solaris, and Linux x86, and z/OS (OS/390). This table shows the various product offerings and the operating systems under which they run.

	Windows+	z/OS	AIX	Linux	Solaris
<b>Oracle Documaker Enterprise Edition (ODEE)</b>					
Document Factory ++	Yes	No	No	Yes	Yes
Documaker Interactive ++	Yes	No	Yes	Yes	Yes
<b>Oracle Documaker Standard Edition (ODSE)</b>					
Documaker Server	Yes	Yes	Yes	Yes	Yes
Documaker Studio	Yes	No	No	No	No
Docupresentment	Yes	No	Yes	Yes	Yes
iPPS +++	Yes	No	No	No	No
EWPS ++	Yes	No	Yes	Yes	Yes
<b>Oracle Documaker Desktop</b>					
Documaker Workstation	Yes	No	No	No	No

+ Includes Windows 2003, Windows XP, Windows Vista, Windows 7, Windows 2003 Server, and Windows 2008 Server. This includes both 32 and 64-bit versions of these operating systems. Be sure to have the latest service packs installed.

++ Runs under any operating system that supports the Java Virtual Machine. ODEE web applications run under WebLogic deployed on Windows or any UNIX platform.

+++ Runs under Microsoft Windows 2003 Server and Windows 2008 Server, both 32 and 64-bit versions.



	Windows+	z/OS	AIX	Linux	Solaris
<b>Printers**</b>					
<b>AFP</b>	Yes	Yes	Yes	Yes	Yes
<b>GDI</b>	Yes	No	No	No	No
<b>HTML</b>	Yes	No	Yes	Yes	Yes
<b>Metacode</b>	Yes	Yes	Yes	Yes	Yes
<b>PCL</b>	Yes	No	Yes	Yes	Yes
<b>PCL 6*</b>	Yes	No	Yes	Yes	Yes
<b>PDF</b>	Yes	Yes	Yes	Yes	Yes
<b>PostScript</b>	Yes	Yes	Yes	Yes	Yes
<b>RTF</b>	Yes	No	Yes	Yes	Yes
<b>VIPP</b>	Yes	Yes	Yes	Yes	Yes
<b>XML**</b>	Yes	Yes	Yes	Yes	Yes

+ Includes Windows 2003, Windows XP, Windows Vista, Windows 7, Windows 2003 Server, and Windows 2008 Server.

\* You must have PCL version 6 or higher for Unicode support on PCL-compatible printers. PCL version 6 support became available in Documaker version 10.2.

\*\* XML on Z/OS is EBCDIC, plain text, limited character set support only. There is no ASCII, no ANSI, no UTF-8, and no UTF-16 support.

## Networks

The system does not use any specific network calls and is expected to work on any network compatible with Microsoft programs.

**Note** The network file server you use with Documaker Studio or Documaker Workstation must be a 100% Windows network compatible. Some UNIX systems that offer NFS support are not 100% Windows compatible and some UNIX systems do not honor Windows file locking calls and may not be suitable for use as a file server in a true multi-user environment.

## DOCUMAKER ENTERPRISE EDITION REQUIREMENTS

The following operating system and infrastructure software is needed to run Oracle Documaker Enterprise, which consists of Document Factory and Documaker Interactive:

	Operating System/Software	Comments
<b>Presentation Tier</b>	Any operating system that supports WebLogic 11g, version 10.3.4.	This layer hosts the web-based applications. <b>Note:</b> 64-bit Windows and JVM for WebLogic are recommended.
	Application Server 1 (logical)	Hosts the WebLogic Admin server, Messaging Middleware and the collection of JMS queues. The Admin server is used to configure the WebLogic domain and monitor resources.
	Application Server 2 (logical)	Hosts the Oracle SOA Suite with BPEL, Oracle Business Rules, OPSS, and UMS enabled.
	Application Server 3 (logical)	Hosts Documaker Interactive. <b>Note:</b> This server is only need for deployments using Documaker Interactive.
	Application Server 4 (logical)	Hosts Documaker Administrator and the Document Factory Dashboard.
	An HTTP web server for static content	Hosts the WIP Edit plug-in and can be used to host online help content. <b>Note:</b> This server is only need for deployments using Documaker Interactive.
<b>Application Tier</b>	Windows 2008 Server (32 or 64-bit) Standard Edition, Solaris 10/Sun OS 5.10 (SPARC), and Oracle Enterprise Linux 5.3 or higher 32-bit JVM is required for Document Factory processing.	This layer runs Documaker Document Factory and Docupresentment services. These 32-bit applications do not require a 64-bit machine. <b>Note:</b> Documaker is a 32-bit application, and requires 32-bit drivers, even when running on a 64-bit machine.
<b>Data Tier</b>	Any operating system that supports Oracle 11g R2 and the DB Client for Oracle 11g R2.	This layer houses the database tables used to store system configuration and processing records.
		Unicode must be enabled. Case sensitivity must be enabled. (This is the default). Database connections*
<b>Archive/Enclosure Content (Optional)</b>	FMW 11.1.1.3.0 or higher Oracle Universal Content Management (UCM) 11.1.1.3.0 or higher	UCM can be used to store attachments or to archive output from Documaker.

\*Use this formula to determine the number of database connections you need:

$500 + (5 \times \text{number of users})$

WebLogic JDBC connection pools should also be adjusted appropriately.

Clients accessing the web-based applications will need:

- Adobe Acrobat Reader, to preview documents in Documaker Interactive
- One of these web browsers:
  - Microsoft Internet Explorer version 7.0 or higher
  - Mozilla Firefox version 3.6.6 or higher

**Note** If you are using Internet Explorer version 9.x to view Documaker Enterprise web applications, you must enable Compatibility View.

The browser running the WIP Edit plug-in must be a 32-bit version of either Internet Explorer or Firefox. Your operating system can be a 32- or 64-bit operating system, but the browser must be a 32-bit application.

### Minimum hardware requirements

Here is the recommended minimum hardware for the various tiers, on a Windows, Solaris, or Linux operating system:

	Windows	Solaris	Linux
Presentation Tier			
OS	Windows Server 2008 x64	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.3
CPU #	Intel® 2 Cores 2.3GHz x64	64-bit machines	
Memory #	4 GB RAM	16 GB RAM	
Hard disk	150 GB		
Application Tier			
OS	Windows Server 2008 x32 or x64	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.3
CPU	Intel® 4 Cores 2.3GHz	64-bit machines	
Memory	4 GB RAM	16 GB RAM	
Hard disk	150 GB		
Printer	HP-compatible printers supporting PCL version 5 or Postscript		
Printer memory ***	8 MB RAM		
Data Tier			
OS	Windows Server 2008 x32 or x64	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.3

# Additional CPU and memory resources required with more interactive users.

\* Additional memory improves system performance.

\*\* Depends on the volume of data you must process.

\*\*\* Additional memory may be required if printing complicated graphics or using a lot of fonts.

\*\*\*\* The database will carry historical information about all transactions processed, which could require a large amount of space.

	Windows	Solaris	Linux
CPU	Intel® 4 Cores 2.3GHz	64-bit machines	
Memory *	4 GB RAM	16 GB RAM	
Hard disk ****	500 GB		

# Additional CPU and memory resources required with more interactive users.

\* Additional memory improves system performance.

\*\* Depends on the volume of data you must process.

\*\*\* Additional memory may be required if printing complicated graphics or using a lot of fonts.

\*\*\*\* The database will carry historical information about all transactions processed, which could require a large amount of space.

---

### Minimum sandbox platform

Here is the recommended minimum hardware for a sandbox, on a Windows or Solaris operating system:

	Windows	Solaris
<b>OS</b>	Windows Server 2008 x64	Solaris 10/Sun OS 5.10
<b>CPU</b>	Intel® 2 Cores 2.3GHz x64	64-bit machines
<b>Memory</b>	8 GB RAM	16 GB RAM
<b>Hard disk</b>	150 GB	150 GB
<b>Printer</b>	HP-compatible printers supporting PCL version 5 or Postscript	
<b>Printer memory</b>	8 MB RAM	

## DOCUMAKER STANDARD EDITION REQUIREMENTS

Your computer must have certain software and hardware components to run the programs that comprise the Documaker system. Depending on your software license, operating environment, and your processing needs, these requirements vary. The following tables outline the minimum hardware used to test Documaker and are included for informational reasons only. You should run the system on a computer configured appropriately for the operating system you use and with the processing power to meet your needs.

**Note** For more specific information on the GenArc program and the additional archive and retrieval capabilities available, refer to the [Documaker Administration Guide](#).

### On Windows

When running Documaker Studio, keep in mind:

- You can use Oracle, DB2, and SQL databases with Documaker Studio.
- If you are using Internet Explorer version 9.x on the machine where Documaker Studio is running, turn on Internet Explorer's compatibility view.

This table outlines the minimum hardware used to test the system on a single user Windows XP workstation.

For Windows XP	Our minimum test configuration is
<b>CPU</b>	Intel® Core™ 2 CPU.2.13GHz
<b>Memory*</b>	1.99 GB RAM
<b>Hard disk**</b>	148 GB
<b>Printer</b>	HP-compatible printers supporting PCL version 5
<b>Printer memory***</b>	8 MB RAM

\* Additional memory improves system performance.

\*\* Depends on the volume of data you must process

\*\*\* Additional memory may be required if printing complicated graphics or using a lot of fonts.

This table outlines the minimum hardware used to test the system on a single user Windows Vista workstation.

For Windows Vista	Our minimum test configuration is
<b>CPU</b>	Intel® Core™ 2 CPU.1.86GHz
<b>Memory*</b>	1022 MB RAM
<b>Hard disk**</b>	75 GB
<b>Printer</b>	HP-compatible printers supporting PCL version 5
<b>Printer memory***</b>	8 MB RAM

\* Additional memory improves system performance.

\*\* Depends on the volume of data you must process

\*\*\* Additional memory may be required if printing complicated graphics or using a lot of fonts.

## On z/OS (OS/390)

Documaker Server runs on the following versions/releases of IBM's operating systems:

- OS/390 version 1.1 to version 2.10
- z/OS version 1.6 and higher

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**Note** Following OS/390 version 2.10, new versions were named z/OS. Documaker runs on OS/390 and z/OS. In this manual, OS/390 and z/OS are referred to as z/OS unless otherwise noted.

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No product upgrades are required and no incompatibility problems have been reported when running Documaker on any of these operating system releases.

	Requirements
<b>Hard disk</b>	150 MB
<b>Printer</b>	Any printer which supports IBM AFP, Xerox Metacode, or Adobe PostScript
<b>Runtime library</b>	IBM Language Environment for OS/390 version 2.10 or higher
<b>Compiler</b>	(Only necessary if adding custom code to the system) IBM C/C++ compiler for OS/390 version 2.10 or higher

---

**Note** Regardless of the type of computer you run the system on, to print charts on Xerox Metacode printers, you must have a GVG card. To print charts on IBM AFP printers, you must have a GOCA card.

---

The amount of hard disk space you will need depends mainly on the volume of data you must process. Keep in mind too, that the C/C++ compiler is only required if you plan to write your own custom rules and recompile the source modules provided in the Software Developer's Kit (SDK).

## On UNIX Systems

For all UNIX systems, you can use any printer that supports IBM AFP, PCL, PostScript level 2, or Xerox Metacode. For HP printers, you need at least 8mb of memory, more if you are printing complicated graphics or using a lot of fonts. The amount of hard disk space you need depends on the volume of data you process. Keep in mind too, that a compiler is only required if you plan to recompile the system, such as if you customize the source code or use a runtime library other than the one shown for your operating system.

**Note** For any UNIX installation, first make sure you have the uudecode, uncompress, and awk utilities installed.

## On AIX systems

	Requirements
<b>Operating system</b>	AIX version 5.3 or higher
<b>Model*</b>	pSeries - Power RISC
<b>Compiler</b>	(Only necessary if adding custom code to the system) IBM XL C/C++ version 8
<b>Runtime library</b>	C/C++ runtime for AIX version 10.1.0.2 or higher
	Tested on
<b>Model*</b>	pSeries 9116
<b>CPU</b>	8 x 1.6 GHz POWER5+
<b>Memory*</b>	16 GB
<b>Hard disk**</b>	Two 74 GB SCSI and two 140 GB SCSI disks

\*Additional memory and a faster CPU is not required, but will improve performance.

\*\* Additional space required for your customized forms

## On Linux systems

	Requirements
<b>Operating system</b>	GNU/Linux Distribution Oracle Enterprise Linux (OEL) version 5.3 or higher Kernel 2.6.18-164+
<b>Model</b>	Intel/AMD based systems
<b>Compiler</b>	(Only necessary if you are adding custom code to the system) GNU C/C++ compiler gcc-4.1.2-44, gcc-c++-4.1.2-44
<b>Runtime library</b>	libgcc-4.1.2-44 libstdc++-4.1.2-44
<b>Additional requirements</b>	<ul style="list-style-type: none"> <li>The installer requires the sharutil package for the uudecode applet.</li> <li>Any other utilized third-party software required packages, such as Oracle, DB2, MySQL, and so on.</li> </ul>
	Tested on
<b>CPU*</b>	Intel® Core™2 CPU 6600 @ 2.40 GHz
<b>Operating system</b>	Oracle Enterprise Linux (OEL) version 5.3 Oracle VM guest
<b>Memory*</b>	2 GB
<b>Hard disk**</b>	75 GB
*Additional memory and a faster CPU is not required, but will improve performance.	
** Additional space required for your customized forms	

## On Solaris systems

	Requirements
<b>Operating system</b>	Sun Solaris 10/SunOS 5.10 (SPARC based)
<b>Model*</b>	UltraSPARC based
<b>Compiler</b>	(Only necessary if adding custom code to the system) Sun Studio 11 for C/C++ development
<b>Runtime library</b>	Core Solaris 10
	Tested on
<b>Model*</b>	Sun Ultra 45
<b>Operating system</b>	Solaris 10/Sun OS 5.10 SPARC 64-bit
<b>CPU</b>	2 x 1.6 GHz UltraSPARC-IIIi
<b>Memory*</b>	4 GB
<b>Hard disk**</b>	500 GB SCSI disk
*Additional memory and a faster CPU is not required, but will improve performance.	
** Additional space required for your customized forms	



## DOCUPRESENTMENT REQUIREMENTS

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

You can run Docupresentment on the following operating systems:

- Windows
- AIX
- Linux
- Solaris

---

**Note** For Docupresentment 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
<b>Operating system*</b>	Windows XP
<b>CPU</b>	Intel® Core™ 2 CPU.2.13GHz
<b>Memory</b>	2 GB
<b>Hard disk (RTE)</b>	80 GB
<b>Hard disk (MRL)**</b>	80 GB

\* Also tested on Windows 2000 Server and Windows 2003 Server.

\*\* Additional space required for your customized forms

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**On AIX systems**

	Requirements
<b>Operating system</b>	AIX version 5.3 or higher
<b>Model*</b>	pSeries - Power RISC
	(Only necessary if adding custom code to the system)
<b>Compiler</b>	IBM XL C/C++ version 8 C/C++ runtime for AIX version 10.1.0.2 or higher
<b>Runtime library</b>	C Set ++ runtime for AIX version 5.0 or higher

	Tested on
<b>Model*</b>	pSeries 9116
<b>CPU</b>	8 x 1.6 GHz POWER5+
<b>Memory*</b>	16 GB
<b>Hard disk**</b>	Two 74 GB SCSI and two 140 GB SCSI disks

\*Additional memory and a faster CPU is not required, but will improve performance.

\*\* Additional space required for your customized forms

**On Linux systems**

	Requirements
<b>Operating system</b>	GNU/Linux Distribution Oracle Enterprise Linux (OEL) version 5.3 or higher Kernel 2.6.18-164+
<b>Model</b>	Intel/AMD based systems
<b>Compiler</b>	(Only necessary if you are adding custom code to the system) GNU C/C++ compiler gcc-4.1.2-44, gcc-c++-4.1.2-44
<b>Runtime library</b>	libgcc-4.1.2-44 libstdc++-4.1.2-44
<b>Additional requirements</b>	<ul style="list-style-type: none"> <li>The installer requires the sharutil package for the uudecode applet.</li> <li>Any other utilized third-party software required packages, such as Oracle, DB2, MySQL, and so on.</li> </ul>

	Tested on
<b>CPU*</b>	Intel® Core™2 CPU 6600 @ 2.40 GHz
<b>Operating system</b>	Oracle Enterprise Linux (OEL) version 5.3 Oracle VM guest
<b>Memory*</b>	2 GB
<b>Hard disk**</b>	75 GB

\*Additional memory and a faster CPU is not required, but will improve performance.

\*\* Additional space required for your customized forms

## On Solaris systems

	Requirements
<b>Operating system</b>	Sun Solaris 10/SunOS version 5.10 (SPARC based)
<b>Model*</b>	UltraSPARC based
<b>Compiler</b>	(Only necessary if adding custom code to the system) Sun Studio 11 for C/C++ development
<b>Runtime library</b>	Core Solaris version 10

	Tested on
<b>Model*</b>	Sun Ultra 45
<b>Operating system</b>	Solaris 10/Sun OS version 5.10 SPARC 64-bit
<b>CPU</b>	2 x 1.6 GHz UltraSPARC-IIIi
<b>Memory*</b>	4 GB
<b>Hard disk**</b>	500 GB SCSI disk

\*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 version 4.0 or higher.
AIX	Web server for AIX 5.3, 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 version 1.3.12 or higher or IBM HTTP Server version 1.3.9 or higher.
Solaris	Web server for Sun Solaris version 7 or higher on SPARC, such as Java Web Server 2.0 or Apache version 1.3.9 with the Java Runtime Environment and/or JDK for Solaris, version JRE version 1.4.0 or higher. IBM HTTP Server version 1.3.9 or higher can also be used.

**Note** Oracle tests DocuPresentment implementations on WebSphere Application Server (WAS) version 6.1.x and Tomcat 6.x Application Server.

## iPPS REQUIREMENTS

Your computer must have certain software and hardware components to run iPPS. This table outlines those requirements:

### Basic requirements

	Requirements
<b>CPU</b>	Pentium III or higher
<b>Operating systems</b>	Windows XP, Windows 2003 Server, or higher
<b>Memory*</b>	256 MB RAM
<b>Hard disk**</b>	400 MB free
<b>Other components</b>	Keyboard and mouse or compatible pointing device
<b>Monitor</b>	Color SVGA monitor

\* Additional memory, while not required, will improve system performance.

\*\* The amount of hard disk space you will need depends mainly on the volume of data you must process.

### Client requirements

In addition to the basic requirements, each client should have the following:

- WIP Edit plug-in, version 11.3, patch 05 or higher
- Windows XP Professional or later
- Adobe Acrobat Reader 7.0 or higher
- Microsoft Internet Explorer 6.0 or higher with these Internet security options enabled:
  - Run ActiveX controls and plug-ins
  - Script ActiveX controls safe for scripting
  - Allow cookies that are stored on your computer
  - Allow per-session cookies (not stored)
  - Active Scripting

### Server requirements

In addition to the basic and client requirements, the computer you will use as a server should be configured with the following:

- Internet Information Services (IIS) with World Wide Web Server and File Transfer Protocol (FTP) Server
- A database such as Microsoft Access (Access 97 or higher), xBase, or SQL
- Visual Basic runtimes
- Microsoft XML Core Services 4.0 SP2 (msxml4) for iPPS 3.11 and below
- Microsoft XML Core Services 6.0 (msxml6) for iPPS 3.12 and higher
- ADO 2.6 or later

- A static IP address

**Web server**

For the web server, you should have:

- Minimum Pentium III with 512MB of RAM
- Windows 2003 Server
- Component Services or Microsoft Transaction Server
- Microsoft Visual Basic 6 Runtimes (included/installed with iPPS version 3.1 or higher)
- Microsoft Active Data Objects 2.6 or higher (included/installed with iPPS version 3.1 or higher)
- IBM WebSphere MQ (formerly MQSeries) or Microsoft Message Queue client
- ODBC-compliant database (Oracle, SQL Server, or DB2 recommended for production)
- Microsoft's XML parser:
  - MSXML 6.0 for iPPS version 3.12 and higher
- DocuPresentment version 2.2 or higher

## EWPS REQUIREMENTS

The EWPS Java web application deployment supports Java Runtime Environment (JRE) version 1.5 or higher. For best results, use JRE version 1.6. This table shows you the version of Java you need for each supported platform:

For this platform	You need this version of Java
Microsoft Windows (x86-32 and x86-64)	
XP (SP 2) Server 2003 (SP2)	Sun Java version 5 or higher
Linux (x86-32 and x86-64) 32- and 64-bit kernels	
Oracle Enterprise Linux version 5.3 or higher RedHat Enterprise Linux version 5.3 or higher	Sun Java version 5 or higher or IBM Java version 5 or higher
Sun Solaris (SPARC) 32-and 64-bit kernels	
Solaris 10/SunOS version 5.10 or higher)	Sun Java version 5 or higher
IBM AIX 5L pSeries (RISC) 32- and 64-bit kernels	
version 5.3 TL 5200-09	IBM Java version 5 or higher
version 5.3 TL 5300-07	IBM Java version 6 or higher

### Web application server

Whether running on Windows, Linux, Solaris, or AIX, you can use either of the following Java Web Application Servers:

- IBM WebSphere AS, version 6.1 or higher
- Tomcat version 5.5 or higher

---

**Note** Oracle tests with WebSphere and Tomcat. Other Java application servers should also work.

---

An EWPS Java web application deployment requires the following version of Docupresentment to process web services requests:

- Docupresentment version 2.2, patch 04 or higher

## Message bus systems

EWPS communicates to Docupresentment using a message bus provider such as JMS, WebSphere MQ, or MSMQ. This table shows the possible message bus systems you can use.

For this platform	You can use one of these message busses
Microsoft Windows (x86-32 and x86-64) <ul style="list-style-type: none"> <li>• XP (SP 2)</li> <li>• Server 2003 (SP2)</li> </ul>	HTTP/SOAP(*) MSMQ IBM WebSphere MQ, version 5.3 or higher WebLogic 11g, version 10.3.4 Other JMS providers
Linux (x86-32 and x86-64) ** <ul style="list-style-type: none"> <li>• Oracle Enterprise Linux version 5.3 or higher</li> <li>• RedHat Linux Enterprise Server version 5.3 or higher</li> </ul>	HTTP/SOAP(*) IBM WebSphere MQ, version 5.3 or higher WebLogic 11g, version 10.3.4 Other JMS providers
Sun Solaris (SPARC) <ul style="list-style-type: none"> <li>• Solaris 10/SunOS version 5.10 or higher</li> </ul>	HTTP/SOAP (*) IBM WebSphere MQ, version 5.3 or higher WebLogic 11g, version 10.3.4 Other JMS providers
IBM AIX 5L pSeries (RISC) 32-bit and 64-bit <ul style="list-style-type: none"> <li>• version 5.3 TL 5200-09</li> <li>• version 5.3 TL 5300-07</li> </ul>	HTTP/SOAP (*) IBM WebSphere MQ, version 5.3 or higher WebLogic 11g, version 10.3.4 Other JMS providers

(\*) HTTP is recommended for development systems, not for production use.

(\*\*) Other Linux distributions should work at kernel v2.6.11.4-21 or higher but have not been tested.

## Docupresentment, JRE, and Documaker versions

This table shows, for each supported and tested platform, the version of Docupresentment, the corresponding Java Runtime Environment (JRE) for Docupresentment, and the version of Documaker necessary to support EWPS.

For this platform	Docupresentment	JRE	Documaker
Microsoft Windows (x86-32 and x86-64) <ul style="list-style-type: none"> <li>• XP (SP 2)</li> <li>• Vista (SP 1)</li> <li>• Server 2003 (SP2)</li> </ul>	Version 2.2, patch 04* or higher	Sun JRE v1.5** Sun JRE v1.6	Version 11.3, patch 05 or higher
Linux (x86-32 and x86-64)**** <ul style="list-style-type: none"> <li>• Oracle Enterprise Linux version 5.3 or higher</li> <li>• RedHat Enterprise Linux version 5.3 or higher</li> </ul>	Version 2.2, patch 04* or higher	Sun JRE v1.5** Sun JRE v1.6  IBM JRE v1.5** IBM JRE v1.6***	Version 11.3, patch 05 or higher
Sun Solaris (SPARC) <ul style="list-style-type: none"> <li>• Solaris 10/SunOS 5.10 or higher</li> </ul>	Version 2.2, patch 04* or higher	Sun JRE v1.5** Sun JRE v1.6	Version 11.3, patch 05 or higher
IBM AIX 5L pSeries (RISC) 32-bit and 64-bit <ul style="list-style-type: none"> <li>• version 5.3 TL 5200-09</li> <li>• version 5.3 TL 5300-07</li> </ul>	Version 2.2, patch 04* or higher	IBM JRE v1.5** IBM JRE v1.6***	Version 11.3, patch 05 or higher

\* A Docupresentment Windows installation includes a bundled Sun J2SE JRE version 1.6 which is used by default by the Docupresentment server.

\*\* Running the Docupresentment web services interface under JRE version 1.5 requires JAXB 2. See *Downloading JAXB on page 19* for more information.

\*\*\* IBM's J2SE JRE version 1.6 is only supported in Docupresentment version 2.2, patch 05 or higher and Documaker Shared Objects version 11.3, patch 06 or higher.

\*\*\*\* Other Linux distributions should work at kernel version 2.6.11.4-21 or higher but have not been tested.

**Note** To find the latest version of Documaker, Docupresentment, Document Factory, iPPS, or EWPS, log onto the following web site:

<https://support.oracle.com>



## Downloading JAXB

JAXB provides a way to map XML and Java code and extend applications with XML and Web Services technologies. You must install and implement JAXB 2 to run the Docupresentment web services interface under JRE version 1.5.

Follow these steps to download the latest version of JAXB:

1. Go to the JAXB web site:  
<http://jcp.org/aboutJava/communityprocess/mrel/jsr222/index2.html>
2. Click Download Now for the latest version of JAXB.
3. On the new page, click the Download the Binary link and save the ZIP file to your local machine.
4. Unzip the downloaded ZIP file into directories. There will be a \jaxb-ri directory with a \lib subdirectory.
5. From the \lib subdirectory, copy the jaxb-api.jar and jaxb-impl.jar files to the \lib directory of your Docupresentment installation.

## DOCUMAKER WEB SERVICES REQUIREMENTS

Here is a list of the software requirements for Documaker Web Services (DWS).

Component	Description
<b>Java version 1.6</b>	Sun build 1.6.0_01-b06 JRockit 160_05_R27.6.2-20 IBM 1.6.0 SR5
<b>Application server</b>	Oracle WebLogic version 10.3.4 <b>Note:</b> The following Java web servers are supported by DWS, but that support does not extend to the rest of Oracle Documaker Enterprise Edition. IBM WebSphere version 7.0 JBOSS 6.0.0.M1 Tomcat 6.0.20
<b>Operating system</b>	Windows XP Windows 2003 AIX 5.3 Oracle Enterprise Linux version 5.3 Solaris 10
<b>Database</b>	A database is required by Document Factory for the administration and assembly tables. The administration tables are used by composition services. The assembly tables are used by publishing services.
<b>Message bus</b>	A message bus is required by Docupresentment and also used by composition services.
<b>Docupresentment</b>	Oracle Docupresentment is required for composition services.
<b>Document Factory</b>	The Oracle Document Factory is required for publishing services.

---

**Note** You must download the JAX-WS RI when using Tomcat version 6.0.20 or later because Tomcat is not a J2EE container and therefore does not provide a JAX-WS RI.

Extract the JAX-WS RI jar files and place them inside WEB-INF\lib directory of the Tomcat DWS.war file before deployment.

You can download the JAX-WS RI from this site:

<http://jax-ws.java.net/ri-download.html>

---

## DOCU MAKER DESKTOP REQUIREMENTS

Your computer must have certain software and hardware components to run Documaker Desktop.

The following tables outline the minimum hardware used to test Documaker Desktop and are included for informational reasons only. You should run the system on a computer configured appropriately for the operating system you use and with the processing power to meet your needs

### On Windows

This table outlines the minimum hardware used to test the system on a single user Windows XP workstation.

For Windows XP	Our minimum test configuration is
<b>CPU</b>	Intel® Core™ 2 CPU.2.13GHz
<b>Memory*</b>	1.99 GB RAM
<b>Hard disk**</b>	148 GB
<b>Printer</b>	HP-compatible printers supporting PCL5
<b>Printer memory***</b>	8 MB RAM

\* Additional memory improves system performance.

\*\* Depends on the volume of data you must process

\*\*\* Additional memory may be required if printing complicated graphics or using a lot of fonts.

This table outlines the minimum hardware used to test the system on a single user Windows Vista workstation.

For Windows Vista	Our minimum test configuration is
<b>CPU</b>	Intel® Core™ 2 CPU.1.86GHz
<b>Memory*</b>	1022 MB RAM
<b>Hard disk**</b>	75 GB
<b>Printer</b>	HP-compatible printers supporting PCL5
<b>Printer memory***</b>	8 MB RAM

\* Additional memory improves system performance.

\*\* Depends on the volume of data you must process

\*\*\* Additional memory may be required if printing complicated graphics or using a lot of fonts.



## Chapter 2

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# Installing Docupresentment on UNIX

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 24*
- *Downloading the Software on page 26*
- *Installing a New System on page 29*
- *Scenario 1: New Installation of Version 2.3 on page 30*
- *Scenario 2: Upgrading From a Version 1.x Environment (overlay) on page 33*
- *Scenario 3: Upgrading from Version 2.2 to Version 2.3 on page 37*
- *Scenario 4: Modified Upgrade from Version 1.x on page 40*
- *Scenario 5: Modified Upgrade from Version 2.x on page 44*
- *Scenario 6: Patch Upgrade of a Version 2.3 Environment on page 48*
- *Testing the Installation on page 49*
- *Uninstalling the System on page 53*

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**Note** For information on system requirements, see *System Requirements* on page 2.

---

## OVERVIEW

This topic describes how to install Docupresentment version 2.3 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 2.3
- Install Docupresentment 2.3
- Make sure the system is working correctly

Docupresentment 2.3 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 2.3 and Shared Objects - Documaker Bridge 11.5 (or higher) 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 2.3 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 2.3 requires JRE 1.6 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 2.3 supports the 32-bit version of Java. Docupresentment 2.3 does not operate properly in 64-bit versions of the JRE.

---

## Creating the Required User and Directories

Oracle recommends that you install and run Docupresentment as a *user* — not as *root*. Create the user account you will use to run Docupresentment 2.3.

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 via the Oracle Software Delivery Cloud web site. 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. The latest version of Documaker is version 12.0. 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 web site:

<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 Insurance applications are available for download at the Oracle Software Delivery Cloud web site. The process includes:

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

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**Note** To request applications on CDs, DVDs, or other media, contact your sales representative.

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 Technology Network (OTN) web site at this web address:

<http://www.oracle.com/technetwork/>

---

### Before you begin

The Oracle Software Delivery Cloud site lets you download versions of Oracle applications. Files on the Oracle Software Delivery Cloud are available in ZIP and ISO formats. Once you download the files you need, ZIP files will need to be extracted, and ISO files will need to be burned to CD/DVD to proceed with the software installation.

---

**Note** You can download the corresponding product documentation from the Oracle Technology Network (OTN) site:

<http://www.oracle.com/technetwork/documentation/insurance-097481.html>

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](http://www.adobe.com)).

---

Follow these instructions to download Oracle Insurance applications:



1. First, go to the Oracle Software Delivery Cloud web site:  
<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. The Media Pack Search page appears.
4. Select Oracle Insurance Applications from the Product Pack list and then select your operating system platform. Click Go to start the search.

Click Go once you have selected the Product Pack and Platform.

**Media Pack Search**

**Instructions**

1. Review the [License List](#) to determine which Product Pack or Packs you need to download.
2. Select the Product Pack and Platform and click "Go".
3. If there is only one result, you will see the download page. If there are multiple results, select one and click "Continue".

Select a Product Pack:

Platform:

**Results**

Select	Description	Release	Part Number	Updated	# Parts / Size
*** No search conducted ***					

**Note** If you have visited this site previously, the last options you selected appear.

Here is an example of the search results you get for Oracle Insurance applications on Windows.

Click on Description, Release, Part Number, or Updated to sort the list by those columns.

**Results**

Select	Description	Release	Part Number	Updated	# Parts / Size
<input type="radio"/>	<a href="#">Oracle Documaker Standard Edition 12.0.0 Media Pack for Microsoft Windows (32-bit)</a>	12.0.0.0.0	B62048-01	DEC-27-2010	11 / 809M
<input checked="" type="radio"/>	<a href="#">Oracle Documaker Enterprise Edition 12.0.0 Media Pack for Microsoft Windows (32-bit)</a>	12.0.0.0.0	B62050-01	DEC-27-2010	14 / 1.2G
<input type="radio"/>	<a href="#">Oracle Documaker Desktop 12.0.0 Media Pack for Microsoft Windows (32-bit)</a>	12.0.0.0.0	B62051-01	DEC-27-2010	5 / 391M
<input type="radio"/>	<a href="#">Oracle Insurance Docuflex (v11.3.0.22) Media Pack for Microsoft Windows</a>	11.3.0.22.0	B51546-01	SEP-09-2008	6 / 745M

**Note** We recommend that you print pages which list the part numbers and their corresponding descriptions. You may need to reference this list during the installation process.

5. Select the media pack you want to download and click Continue. The Download page appears.

Terms & Restrictions   Search   Download

### Oracle Documaker Enterprise Edition 12.0.0 Media Pack for Microsoft Windows (32-bit)

[Search Again](#)

**TIP** View the Readme file(s) to help decide which files you need to download.

Print this page with the list of downloadable files. It contains a list of the part numbers and their corresponding description that you may need to reference during the installation process.

**Oracle Documaker Enterprise Edition 12.0.0 Media Pack v1 for Microsoft Windows (32-bit)**

[Readme](#)   [View Digest](#)

Select	Name	Part Number	Size (Bytes)
<a href="#">Download</a>	Oracle Documaker Enterprise Edition v12.0 P0 for Windows (32-bit)	V24195-01	363M
<a href="#">Download</a>	Oracle Documaker Wip Edit plug-in v12.0 P0 for Microsoft Windows (32-bit)	V24196-01	49M
<a href="#">Download</a>	Oracle Documaker v12.0 P0 for Microsoft Windows (32-bit)	V24186-01	219M

Click the Readme button for more information.

Click View Digest to verify the data was not altered in transit.

**Note** Click View Digest to see a message digest. You can use this digest (also known as a checksum or hash) to verify data was not altered in transit. Review the Download Notes to unload an unzip utility and for instructions on unzipping the files you are downloading.

- Click Download beside the application you want to download. The Software Delivery Cloud prompts you to save the zipped file on your network 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.

- Click Sign Out when you finish downloading the files you need.

## INSTALLING A NEW SYSTEM

There are several installation and upgrade scenarios for Docupresentment version 2.3.

If you...	Follow...
Are installing Docupresentment for the first time	<i>Scenario 1: New Installation of Version 2.3 on page 30</i>
Have Docupresentment 1.x installed	Either: <i>Scenario 2: Upgrading From a Version 1.x Environment (overlay) on page 33</i> or <i>Scenario 4: Modified Upgrade from Version 1.x on page 40</i>
Have Docupresentment 2.2 installed and would like to upgrade to version 2.3	<i>Scenario 6: Patch Upgrade of a Version 2.3 Environment on page 48</i>
Have Docupresentment 2.3 installed and would like to perform a patch upgrade	<i>Scenario 6: Patch Upgrade of a Version 2.3 Environment on page 48</i>

**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 2.3

Installing the system for the first time involves these tasks:

- *Installing Docupresentment 2.3 RTE on page 30*
- *Installing the Documaker Bridge Shared Objects RTE on page 32*

### INSTALLING DOCUPRESENTMENT 2.3 RTE

Follow these steps to install Docupresentment 2.3 RTE:

1. Download the Docupresentment 2.3 RTE and the Shared Objects - Documaker Bridge 11.5 (or higher) installation scripts from the Oracle Software Delivery Cloud site to a directory where you have execute permissions.
2. Execute the Docupresentment 2.3 RTE installation script.

Enter the installation path. Either override the default installation directory location or press Enter to accept the default of `/home/userid/int023`.

---

**Note** The following example screens show what you would see if you logged in as *userid* and were installing Docupresentment version 2.3.

---

```
*** Docupresentment 2.3 (Type RTE) Installation/Update ***
Loading, Please Wait ...

Please select an Installation/Update Directory:
Press <Enter> to accept default: </home/userid/int023>
{y or n}?>y
```

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

```
Install Docupresentment 2.3 (RTE) to </home/userid/int023>?
{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/java6/jre>?>

JRE Version=java version "1.6.0"
```

## 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/userid/int023/docserv>`. Please note that you must enter the same path (through the `.../docserv` level) that was supplied during the Docupresentment 2.3 RTE installation. For this example, use Shared Objects - Documaker Bridge 11.5.

```
*** Documaker RP Shared Objects Bridge 11.5 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/int023/docserv>
?>
```

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

```
Install Documaker RP Shared Objects Bridge 11.5 to
</home/userid/int023/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/java6/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 49* 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 2.3 upgrade it is important to note the path name to the installation. If the previous version included *int022* or some other semblance of a version number in the path, you must decide to keep the naming convention or rename the directory to *int023* or some similar name.

Docupresentment 2.3 will correctly run in a directory path with a prior version name, such as */home/userid/int022*. 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/int023*, 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 *dmg\_brs.ini*)
- Documaker Bridge and Documaker Server RPDRunRP configuration files such as *dap.ini*, *rpexl.ini*, *rpexl.rpd.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 2.3 RTE

1. Download the Docupresentment 2.3 RTE and the Shared Objects - Documaker Bridge 11.5 Pxx (or higher) 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 2.3 RTE installation script.

Enter the installation path. You must point the installation to the existing *int0xx* directory or the user-specified directory name.

```
*** Docupresentment 2.3 (Type RTE) Installation/Update ***
Loading, Please Wait ...

Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/userid/int023>
?>
```

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/userid/int023>
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 2.3 (RTE) to
</home/userid/int023>?
{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/java6/jre>
?>

JRE Version=java version "1.6.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 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 49* for instructions to test a simple request using the base Docupresentment system.

## SCENARIO 3: UPGRADING FROM VERSION 2.2 TO VERSION 2.3

When planning a Docupresentment 2.3 upgrade it is important to note the path name to the installation. If the previous version included *int022* or some other semblance of a version number in the path, you must decide to keep the naming convention or rename the directory to *int023* or some similar name.

Docupresentment 2.3 will correctly run in a directory path with a prior version name, such as `/home/userid/int022`. 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/int023`, 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 `dmg_brs.ini`)
- Documaker Bridge and Documaker Server RPDRunRP configuration files such as `dap.ini`, `rpexl.ini`, `rpexl.rpd.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 2.3 RTE

1. Download the Docupresentment 2.3 RTE and the Shared Objects - Documaker Bridge 11.5 Pxx (or higher) installation scripts from the Oracle Software Delivery Cloud 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 2.3 RTE installation script.

Enter the installation path. You must point the installation to the existing `int0xx` directory or the user-specified directory name.

```
*** Docupresentment 2.3 (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 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/userid/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 2.3 (RTE) to </home/userid/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/java6/jre>
?>/usr/java6/jre
JRE Version=java version "1.6.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 49* 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 2.3 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 2.3 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 2.3 RTE on page 40*
- *Installing Documaker Bridge Shared Objects on page 42*
- *Testing Your System on page 42*
- *Customizing Your Docupresentment 2.3 Environment on page 43*

## INSTALLING DOCUPRESENTMENT 2.3 RTE

Follow these steps to install Docupresentment 2.3 RTE:

1. Download the Docupresentment 2.3 RTE and the Shared Objects - Documaker Bridge 11.5 Pxx (or higher) 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 2.3 RTE installation script.

Enter the installation path by either overriding the default installation directory location or pressing Enter to accept the default (*/home/userid/int023*).

```
*** Docupresentment 2.3 (Type RTE) Installation/Update ***
Loading, Please Wait ...

Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/userid/int023>
?>
```

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

```
Install Docupresentment 2.3 (RTE) to  
</home/userid/int023>?  
{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/java6/jre>?>  
JRE Version=java version "1.6"  
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 (</home/userid/int023/docserv>). Please note you must enter the same path (through the .../docserv level) that was supplied during the Docupresentment 2.3 RTE installation. For this example, use Shared Objects - Documaker Bridge 11.5.

```
*** Documaker RP Shared Objects Bridge 11.5 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/int023/docserv>  
?>
```

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

```
Install Documaker RP Shared Objects Bridge 11.5 to  
</home/userid/int023/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/java6/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 49* for instructions to test a simple request using the base Docupresentment system.



## CUSTOMIZING YOUR DOCUPRESENTMENT 2.3 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 2.3 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 2.3 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 49 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 2.3 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 2.3 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 2.3 RTE on page 44*
- *Installing Documaker Bridge Shared Objects on page 46*
- *Testing Your System on page 46*
- *Customizing Your Docupresentment 2.3 Environment on page 47*

### INSTALLING DOCUPRESENTMENT 2.3 RTE

Follow these steps to install Docupresentment 2.3 RTE:

1. Download the Docupresentment 2.3 RTE and the Shared Objects - Documaker Bridge 11.5 Pxx (or higher) 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 2.3 RTE installation script.

Enter the installation path by either overriding the default installation directory location or pressing Enter to accept the default (/home/userid/int023).

```
*** Docupresentment 2.3 (Type RTE) Installation/Update ***
Loading, Please Wait ...

Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/userid/int023>
?>
```

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

```
Install Docupresentment 2.3 (RTE) to  
</home/userid/int023>?  
{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/java6/jre>?>  
JRE Version=java version "1.6"  
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 (</home/userid/int023/docserv>). Please note you must enter the same path (through the .../docserv level) that was supplied during the Docupresentment 2.3 RTE installation. For this example, use Shared Objects - Documaker Bridge 11.5.

```
*** Documaker RP Shared Objects Bridge 11.5 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/int023/docserv>  
?>
```

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

```
Install Documaker RP Shared Objects Bridge 11.5 to  
</home/userid/int023/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/java6/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 49* for instructions to test a simple request using the base Docupresentment system.

## CUSTOMIZING YOUR DOCUPRESENTMENT 2.3 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 2.3 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/mstres directory.
4. Modify the base Docupresentment 2.3 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 2.3 environment (be sure to create a backup copy first in the docserv directory). This makes sure the configuration information is available to the Docupresentment 2.3 installation.

Once you move all client components to the new installation directories, see *Testing the Installation* on page 49 to test the installation again.

## SCENARIO 6: PATCH UPGRADE OF A VERSION 2.3 ENVIRONMENT

Follow these steps to apply a patch to an Docupresentment 2.3 installation:

1. Download the Docupresentment 2.3 RTE script to a directory where you have execute permissions.
2. Execute the Docupresentment 2.3 RTE installation script.

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

```
*** Docupresentment 2.3 (Type RTE) Installation/Update ***
Loading, Please Wait ...

Please select an Installation/Update Directory:
Press <Enter> to accept default:
</home/userid/int023>
?>
```

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/userid/int023>
for version <2.3> 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 2.3 (RTE) to
</home/userid/int023>?
{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 49* 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 2.3 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 2.3, 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">400.120.020</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">400.120.010</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">400.120.010</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">400.120.010</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">400.120.010</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">400.120.015</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">400.120.001</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">400.120.013</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">400.120.004</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">400.120.010</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">400.120.010</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">400.120.010</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">400.120.020</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">400.120.011</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">400.120.010</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">400.120.001</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">400.120.020</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">400.120.011</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">400.120.010</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">400.120.010</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">400.120.010</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">400.120.003</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">400.120.010</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">400.120.010</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.



## Chapter 3

---

# Installing Docupresentment on Windows

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

You will find this information:

- *Overview on page 56*
- *Downloading the Software on page 57*
- *Downloading the Software on page 57*
- *Installing Shared Objects on page 64*
- *Installing the Docupresentment Client on page 66*
- *Testing Your Installation on page 74*
- *Setting Up the System as a Service on page 77*
- *Uninstalling the System on page 81*
- *Troubleshooting the Client on page 82*
- *Installing the WIP Edit Plug-In with a Response File on page 85*

---

**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 2.3 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.

---

## DOWNLOADING THE SOFTWARE

Docupresentment is available for download via the Oracle Software Delivery Cloud web site. 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. The latest version of Documaker is version 12.0. 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 web site:

<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.

---

**Note** If you do not already have a JRE already installed, JRE 1.6 is installed with Docupresentment Server 2.3. After installing the J2SE Java Runtime Environment (JRE) version 1.6 or higher and Docupresentment, you will need to install a version of Shared Objects - Documaker Bridge.

---

## USING THE ORACLE SOFTWARE DELIVERY CLOUD

Oracle Insurance applications are available for download at the Oracle Software Delivery Cloud web site. 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 request applications on CDs, DVDs, or other media, contact your sales representative.

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 Technology Network (OTN) web site at this web address:

<http://www.oracle.com/technetwork/>

---

### Before you begin

The Oracle Software Delivery Cloud site lets you download versions of Oracle applications. Files on the Oracle Software Delivery Cloud are available in ZIP and ISO formats. Once you download the files you need, ZIP files will need to be extracted, and ISO files will need to be burned to CD/DVD to proceed with the software installation.

**Note** You can download the corresponding product documentation from the Oracle Technology Network (OTN) site:

<http://www.oracle.com/technetwork/documentation/insurance-097481.html>

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](http://www.adobe.com)).

Follow these instructions to download Oracle Insurance applications:

1. First, go to the Oracle Software Delivery Cloud web site:

<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. The Media Pack Search page appears.
4. Select Oracle Insurance Applications from the Product Pack list and then select your operating system platform. Click Go to start the search.

Click Go once you have selected the Product Pack and Platform.

**Media Pack Search**

✓ Instructions

1. Review the [License List](#) to determine which Product Pack or Packs you need to download.
2. Select the Product Pack and Platform and click "Go".
3. If there is only one result, you will see the download page. If there are multiple results, select one and click "Continue".

Select a Product Pack: Oracle Insurance Applications

Platform: Microsoft Windows (32-bit)

**Results**

Select	Description	Release	Part Number	Updated	# Parts / Size
*** No search conducted ***					

**Note** If you have visited this site previously, the last options you selected appear.

Here is an example of the search results you get for Oracle Insurance applications on Windows.

Click on Description, Release, Part Number, or Updated to sort the list by those columns.

Results					
Select	Description	Release	Part Number	Updated	# Parts / Size
<input type="radio"/>	<a href="#">Oracle Documaker Standard Edition 12.0.0 Media Pack for Microsoft Windows (32-bit)</a>	12.0.0.0.0	B62048-01	DEC-27-2010	11 / 809M
<input checked="" type="radio"/>	<a href="#">Oracle Documaker Enterprise Edition 12.0.0 Media Pack for Microsoft Windows (32-bit)</a>	12.0.0.0.0	B62050-01	DEC-27-2010	14 / 1.2G
<input type="radio"/>	<a href="#">Oracle Documaker Desktop 12.0.0 Media Pack for Microsoft Windows (32-bit)</a>	12.0.0.0.0	B62051-01	DEC-27-2010	5 / 391M
<input type="radio"/>	<a href="#">Oracle Insurance Docuflex (v11.3.0.22) Media Pack for Microsoft Windows</a>	11.3.0.22.0	B51546-01	SEP-09-2008	6 / 745M

**Note** We recommend that you print pages which list the part numbers and their corresponding descriptions. You may need to reference this list during the installation process.



- Select the media pack you want to download and click Continue. The Download page appears.

Click the Readme button for more information.

Click View Digest to verify the data was not altered in transit.

✓ **TIP** View the Readme file(s) to help decide which files you need to download.

Print this page with the list of downloadable files. It contains a list of the part numbers and their corresponding description that you may need to reference during the installation process.

**Oracle Documaker Enterprise Edition 12.0.0 Media Pack v1 for Microsoft Windows (32-bit)**

[Readme](#) [View Digest](#)

Select	Name	Part Number	Size (Bytes)
<a href="#">Download</a>	Oracle Documaker Enterprise Edition v12.0 P0 for Windows (32-bit)	V24195-01	363M
<a href="#">Download</a>	Oracle Documaker Wip Edit plug-in v12.0 P0 for Microsoft Windows (32-bit)	V24196-01	49M
<a href="#">Download</a>	Oracle Documaker v12.0 P0 for Microsoft Windows (32-bit)	V24186-01	219M

**Note** Click View Digest to see a message digest. You can use this digest (also known as a checksum or hash) to verify data was not altered in transit. Review the Download Notes to unload an unzip utility and for instructions on unzipping the files you are downloading.

- Click Download beside the application you want to download. The Software Delivery Cloud prompts you to save the zipped file on your network 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.

- Click Sign Out when you finish downloading the files you need.

## INSTALLING THE DOCUPRESENTMENT SERVER

Before you start the installation...

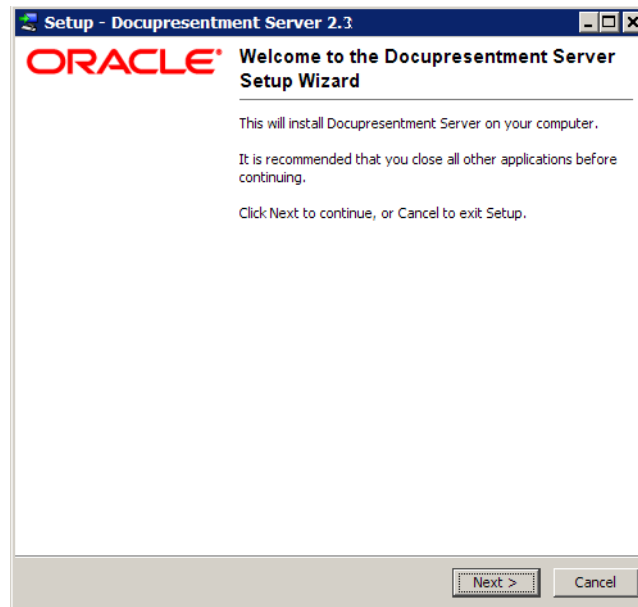
- Be familiar with how your web server is set up. You will need to know if the Docupresentment site uses Secured Socket Layer (SSL) and the IP address of the client PC
- Exit all programs currently running. The setup routine also lets you install various other components required to run the Internet 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.

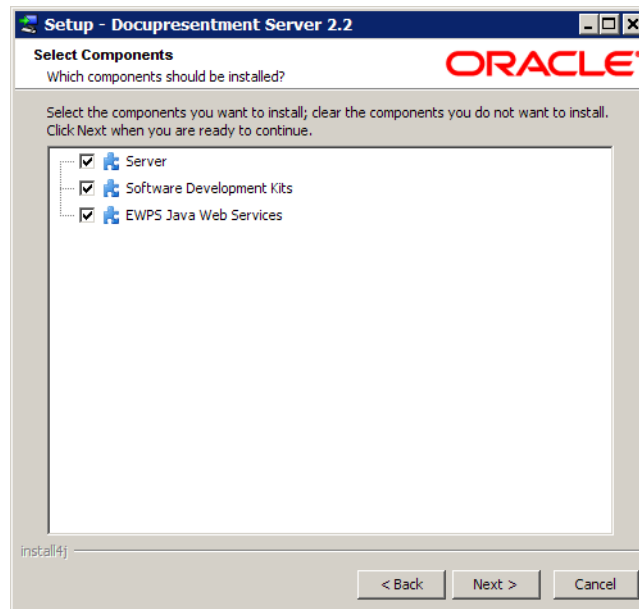
---

After you download and save the Docupresentment installation to the proper location, start the Docupresentment Server setup wizard (IDSServer23p0Xw32.exe). Once the setup routine starts, follow the instructions which appear on your screen.

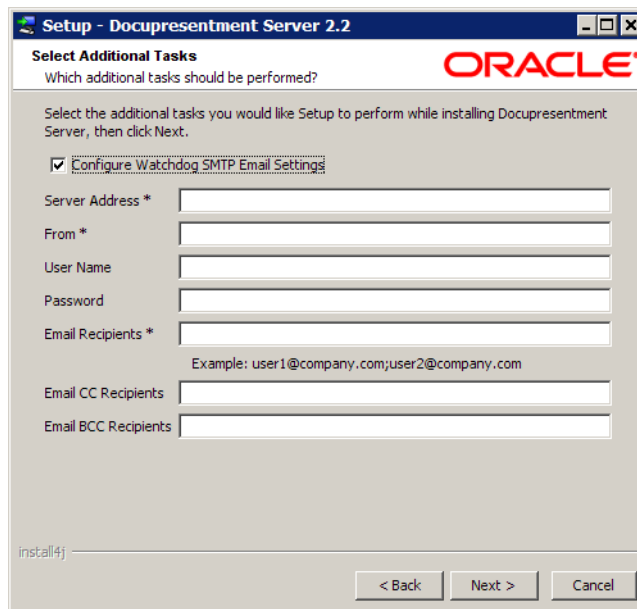


1. Close all open applications then click Next to continue. The Select Destination Directory window appears.

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

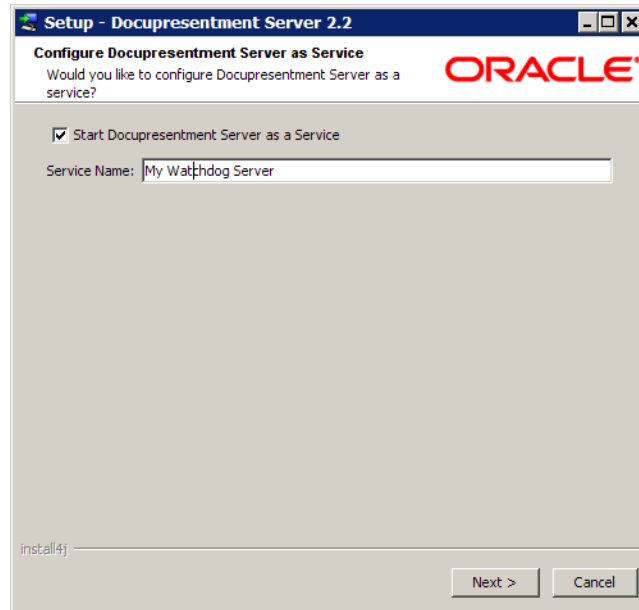


3. Choose the components you want to install. Click Next to continue. The Select Start Menu Folder window appears. The Select Additional Tasks window appears.



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.

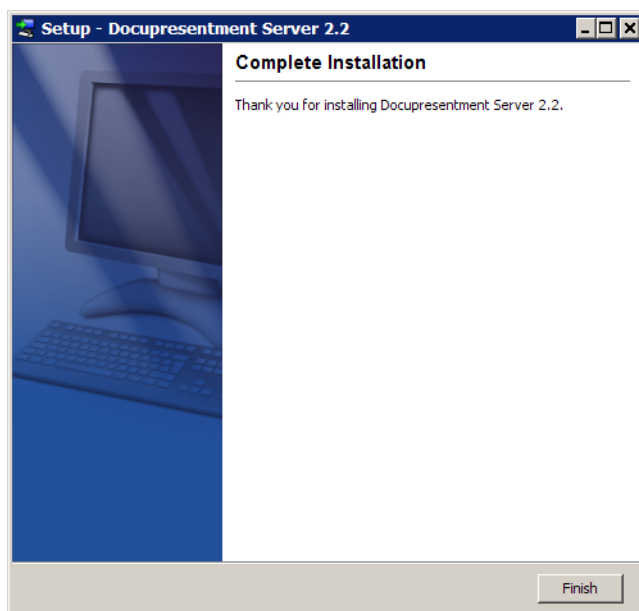
5. Once the basic installation finishes, the Docupresentment Server setup wizard asks if you want to configure Docupresentment Server as a service.



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

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 64*.

## 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 installation routine by clicking Start, Run and entering this command:

```
(drive letter):SharedObjectsW32RelvvpPxx.exe
```

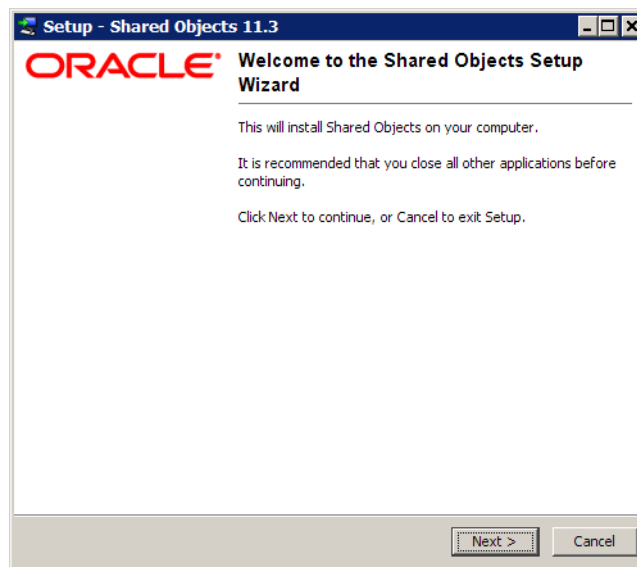
where *vvp* is the version number, such as 120 for version 12.0 and *xx* is the patch number.

The Setup wizard starts.

### Using the Setup wizard

Follow these steps to install shared objects using the Setup wizard

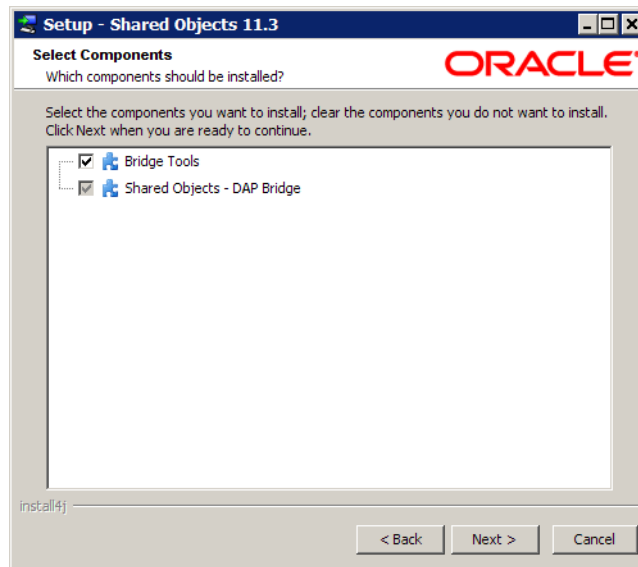
1. Once the Setup wizard starts, click Next to continue.



The Choose IDS Installation Path window appears.

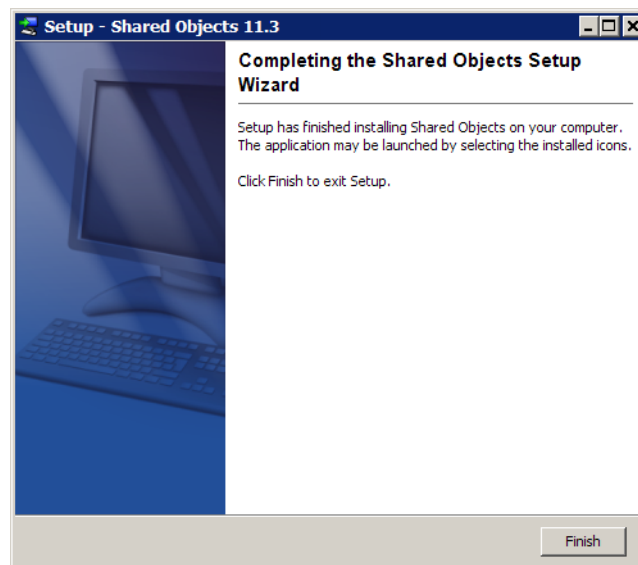
2. Click Browse to specify the directory path of the Docupresentment installation to which you want to add Shared Objects. Then click Next to continue. The Select Components window appears.

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 the Docupresentation Client*.

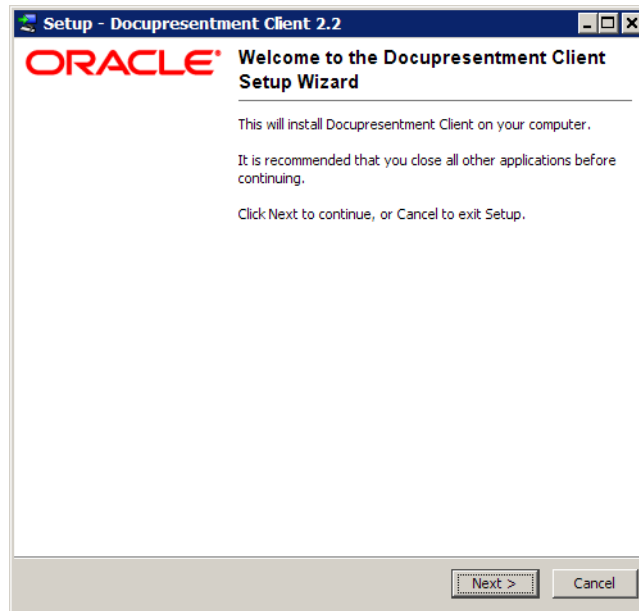
## INSTALLING THE DOCUPRESENTMENT CLIENT

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 Docupresentment Client setup wizard (IDSCClient22pxxw32.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, then shows the Select Queueing System window. See *Selecting a Queueing Method* on page 68 for more information.

## 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:

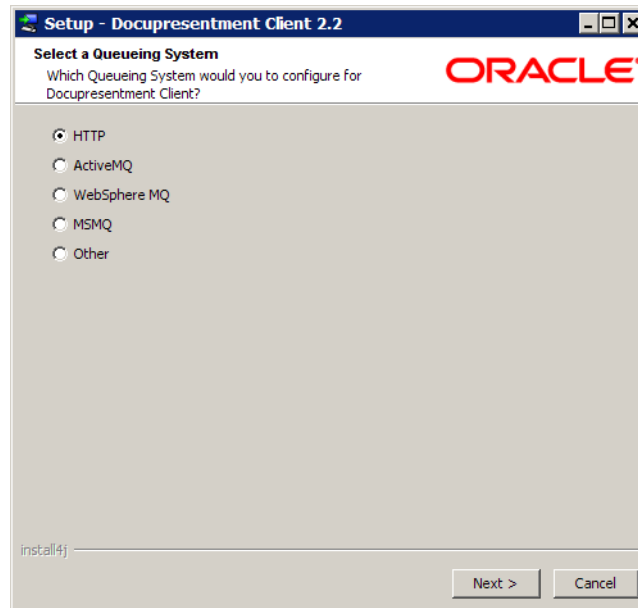
- HTTP
- ActiveMQ
- WebSphere MQ
- MSMQ

---

**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:

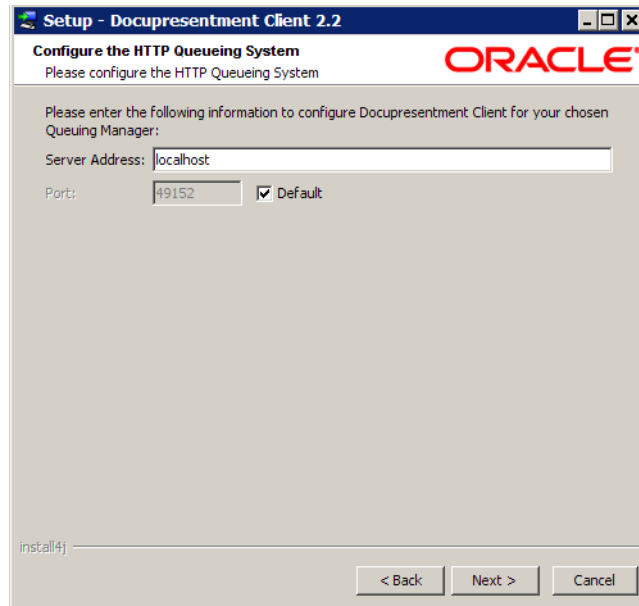


Then click Next.

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

## Using HTTP

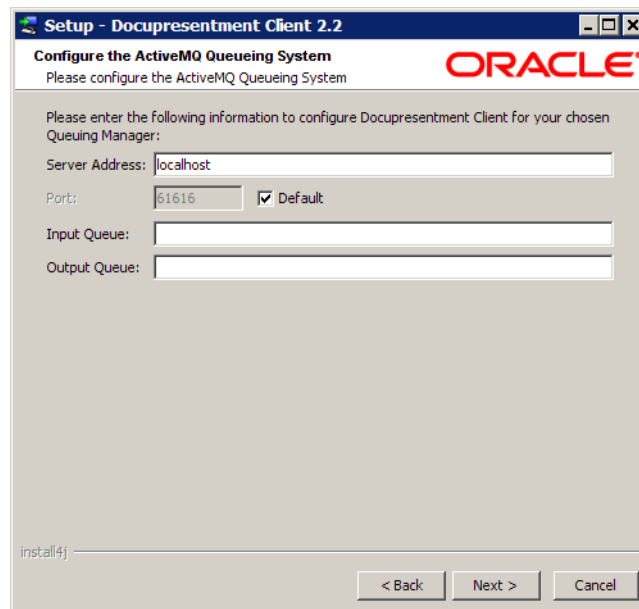
If chose HTTP queues, the Configure the HTTP Queueing System window appears:



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:

**Setup - Docupresentment Client 2.2**

**Configure the WebSphere MQ Queueing System**  
Please configure the WebSphere MQ Queueing System

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

☒ Bindings Mode

Server Address: 127.0.0.1

Port: 1414

Queue Channel: SYSTEM.DEF.SVRCONN

Input Queue:

Output Queue:

Queue Manager:

install4j

< Back   Next >   Cancel

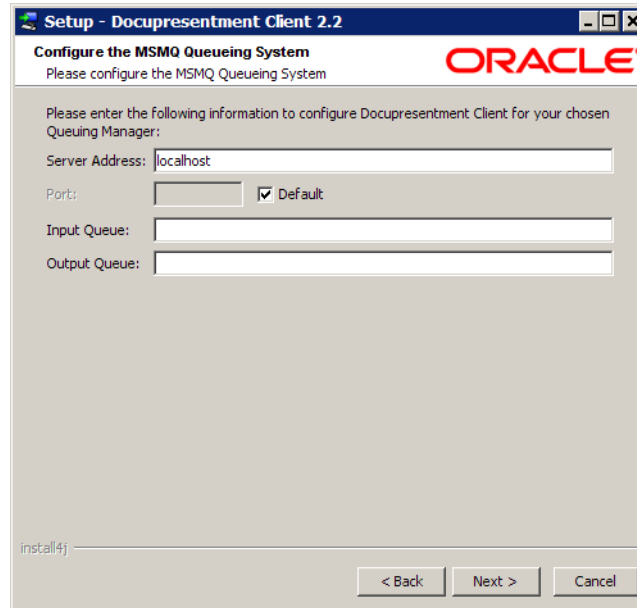
For WebSphere MQ queues, you can choose to use Bindings Mode.

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

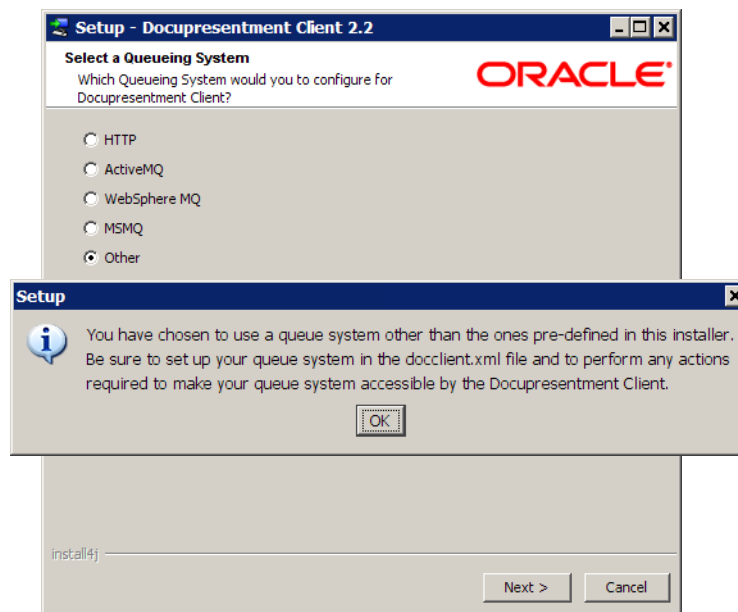
If you chose MSMQ, the Configure the MSMQ Queueing System window appears:



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.

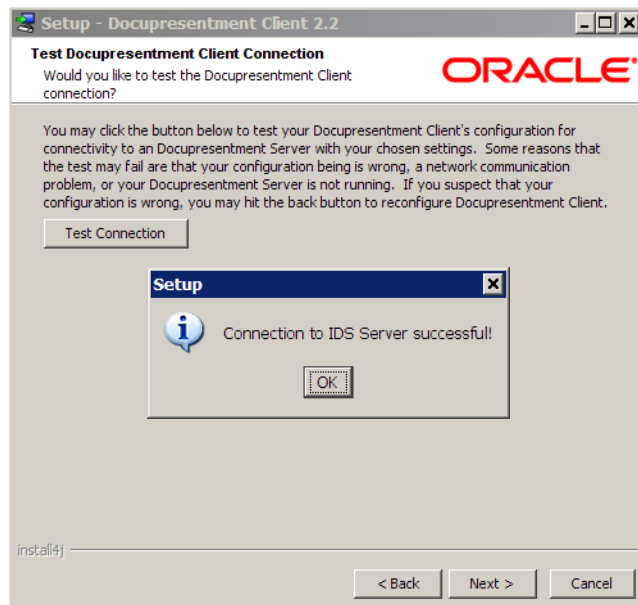


---

**Note** Docupresentment Server and the queueing system you chose have to be running to test the Docupresentment Client.

---

If the test is successful, this message appears.



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*.

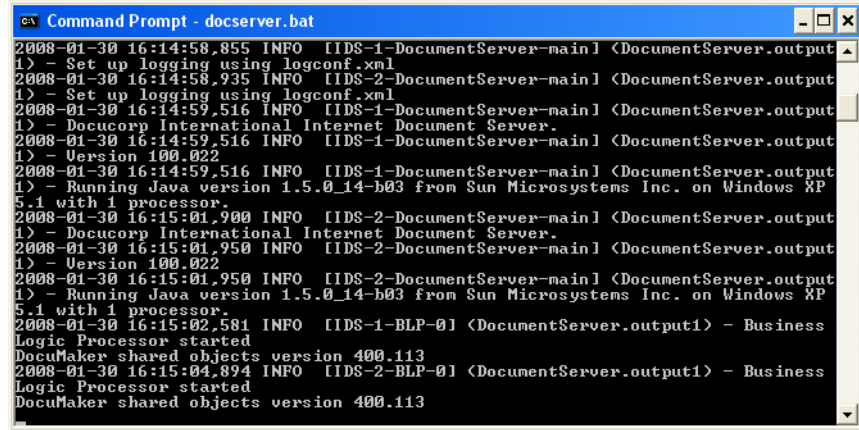
## TESTING YOUR INSTALLATION

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

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

```
docserver.bat
```

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



```

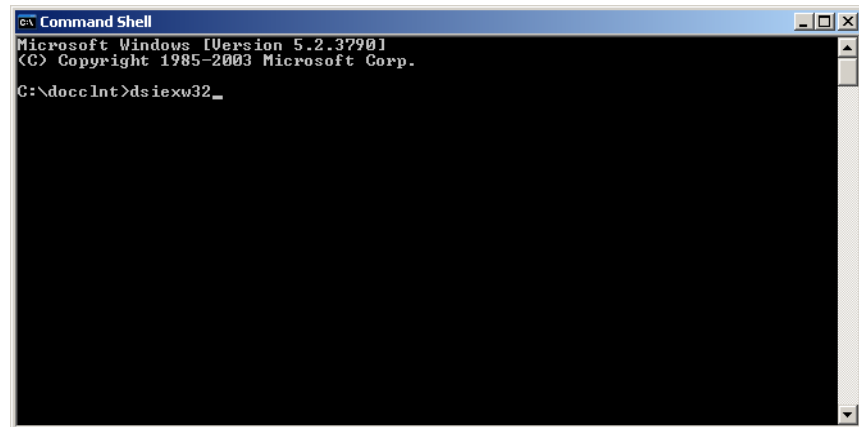
C:\docserv>docserver.bat
2008-01-30 16:14:58.855 INFO [IDS-1-DocuServer-main] <DocumentServer.output
1) - Set up logging using logconf.xml
2008-01-30 16:14:58.935 INFO [IDS-2-DocuServer-main] <DocumentServer.output
1) - Set up logging using logconf.xml
2008-01-30 16:14:59.516 INFO [IDS-1-DocuServer-main] <DocumentServer.output
1) - Docucorp International Internet Document Server.
2008-01-30 16:14:59.516 INFO [IDS-1-DocuServer-main] <DocumentServer.output
1) - Version 100.022
2008-01-30 16:14:59.516 INFO [IDS-1-DocuServer-main] <DocumentServer.output
1) - Running Java version 1.5.0_14-b03 from Sun Microsystems Inc. on Windows XP
5.1 with 1 processor.
2008-01-30 16:15:01.900 INFO [IDS-2-DocuServer-main] <DocumentServer.output
1) - Docucorp International Internet Document Server.
2008-01-30 16:15:01.950 INFO [IDS-2-DocuServer-main] <DocumentServer.output
1) - Version 100.022
2008-01-30 16:15:01.950 INFO [IDS-2-DocuServer-main] <DocumentServer.output
1) - Running Java version 1.5.0_14-b03 from Sun Microsystems Inc. on Windows XP
5.1 with 1 processor.
2008-01-30 16:15:02.581 INFO [IDS-1-BLP-0] <DocumentServer.output1> - Business
Logic Processor started
DocuMaker shared objects version 400.113
2008-01-30 16:15:04.894 INFO [IDS-2-BLP-0] <DocumentServer.output1> - Business
Logic Processor started
DocuMaker shared objects version 400.113
  
```

Docupresentment Server has started when you see the following:

```
'Business Logic Processor started'
Documaker shared objects version 400.120
```

2. By default, two instances of Docupresentment Server 2.3 will start. Go to the Docupresentment Client Box and open a command prompt. Then go to the Docupresentment Client directory, such as c:\docclnt, and enter this command:

```
dsiexw32.exe
```

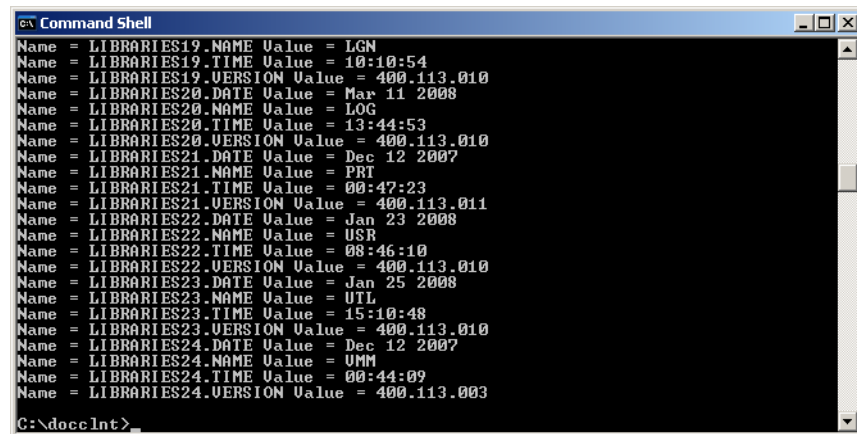


```

C:\docclnt>dsiexw32_
  
```



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

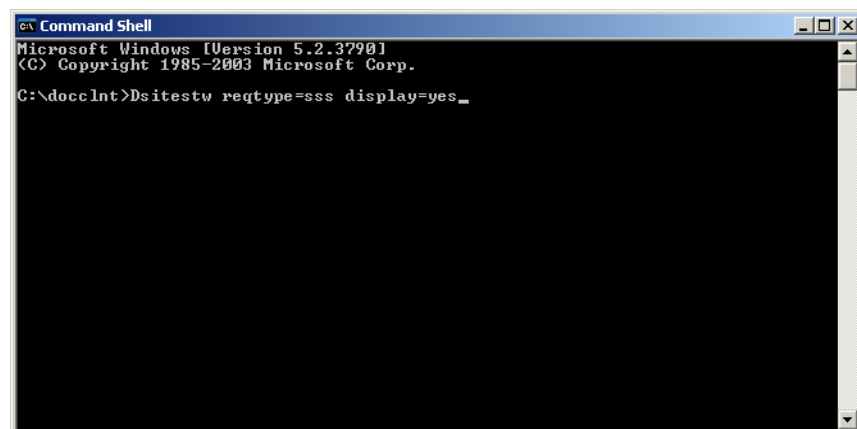


```
c:\ Command Shell
Name = LIBRARIES19.NAME Value = LGN
Name = LIBRARIES19.TIME Value = 10:10:54
Name = LIBRARIES19.VERSION Value = 400.113.010
Name = LIBRARIES20.DATE Value = Mar 11 2008
Name = LIBRARIES20.NAME Value = LOG
Name = LIBRARIES20.TIME Value = 13:44:53
Name = LIBRARIES20.VERSION Value = 400.113.010
Name = LIBRARIES21.DATE Value = Dec 12 2007
Name = LIBRARIES21.NAME Value = PRI
Name = LIBRARIES21.TIME Value = 00:47:23
Name = LIBRARIES21.VERSION Value = 400.113.011
Name = LIBRARIES22.DATE Value = Jan 23 2008
Name = LIBRARIES22.NAME Value = USR
Name = LIBRARIES22.TIME Value = 08:46:10
Name = LIBRARIES22.VERSION Value = 400.113.010
Name = LIBRARIES23.DATE Value = Jan 25 2008
Name = LIBRARIES23.NAME Value = UTL
Name = LIBRARIES23.TIME Value = 15:10:48
Name = LIBRARIES23.VERSION Value = 400.113.010
Name = LIBRARIES24.DATE Value = Dec 12 2007
Name = LIBRARIES24.NAME Value = UMM
Name = LIBRARIES24.TIME Value = 00:44:09
Name = LIBRARIES24.VERSION Value = 400.113.003
C:\docclnt>_
```

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

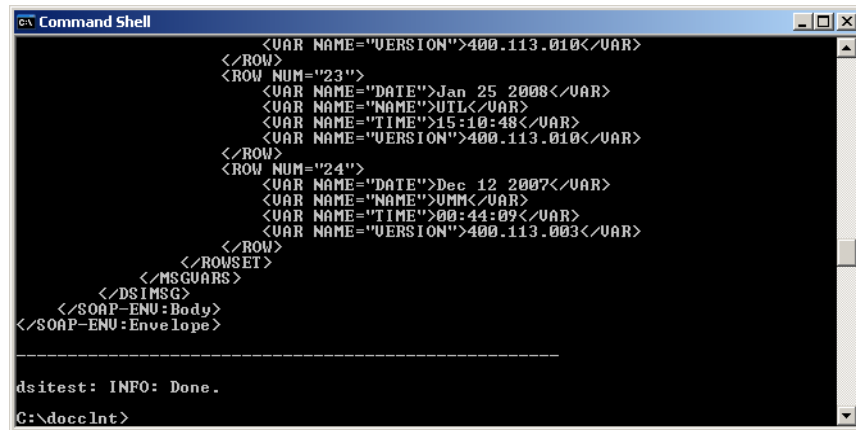
4. You can run another verification test using dsitestw.exe by typing the following command at the command prompt:

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



```
c:\ Command Shell
Microsoft Windows [Version 5.2.3790]
(C) Copyright 1985-2003 Microsoft Corp.
C:\docclnt>Dsitestw reqtype=sss display=yes_
```

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



```
c:\ Command Shell

      <VAR NAME="VERSION">400.113.010</VAR>
    </ROW>
    <ROW NUM="23">
      <VAR NAME="DATE">Jan 25 2008</VAR>
      <VAR NAME="NAME">UTL</VAR>
      <VAR NAME="TIME">15:10:48</VAR>
      <VAR NAME="VERSION">400.113.010</VAR>
    </ROW>
    <ROW NUM="24">
      <VAR NAME="DATE">Dec 12 2007</VAR>
      <VAR NAME="NAME">UMM</VAR>
      <VAR NAME="TIME">00:44:09</VAR>
      <VAR NAME="VERSION">400.113.003</VAR>
    </ROW>
  </ROWSET>
</MSGUARS>
</DSIMSG>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

-----
dsitest: INFO: Done.
C:\docclnt>
```

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

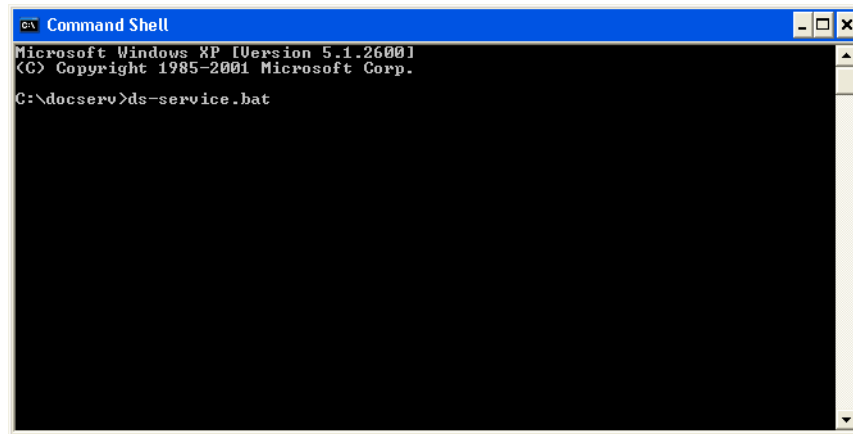
## SETTING UP THE SYSTEM AS A SERVICE

**Note** You cannot run Docupresentment version 2.3 as a service using HTTP queues. To run Docupresentment as a service, you must use WebSphere MQ, ActiveMQ, or MSMQ.

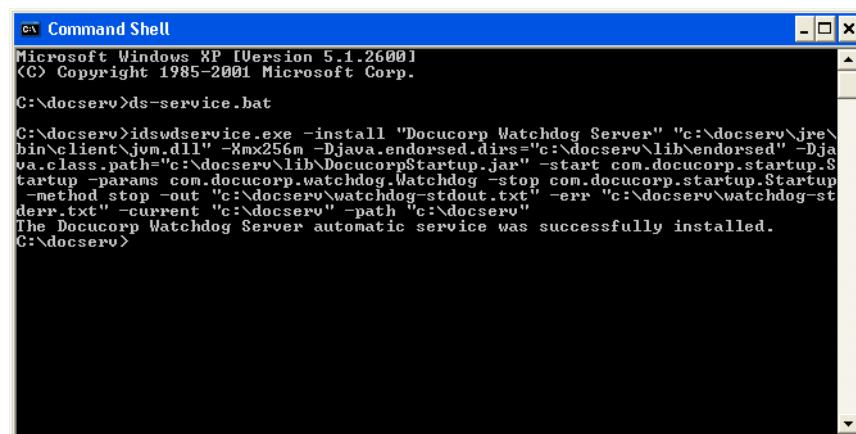
To install Docupresentment as a service, open a command shell window and go to the directory into which you installed Docupresentment, such as `c:\docserv`.

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

```
Ds-service.bat
```



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



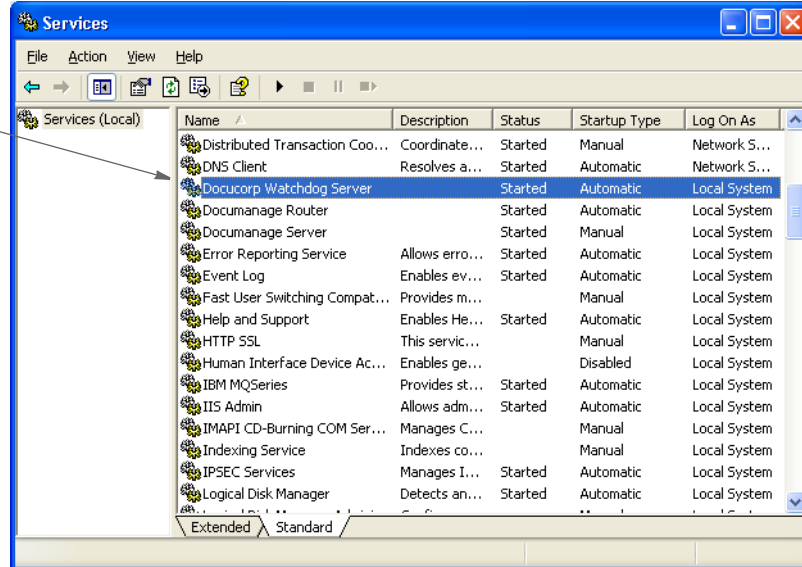
Docupresentment has been installed as a service on Windows when you see this message:

```
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 choose Services to open the Services Console.

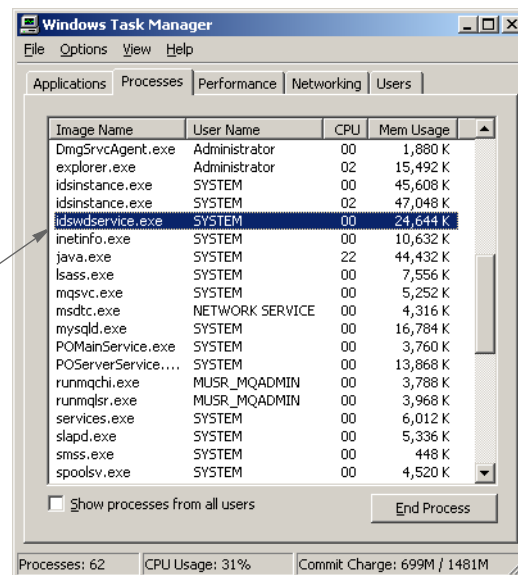
The Docupresentment service is listed as Docucorp Watchdog Server.



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

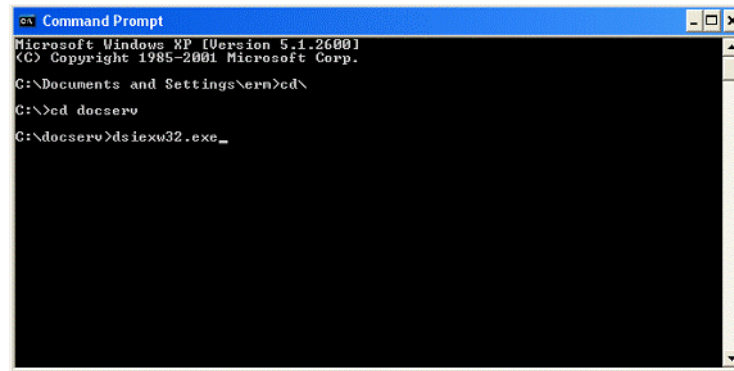
2. When you start Docupresentment via the Services Console, you can make sure the service is running by going to Task Manager.

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
```



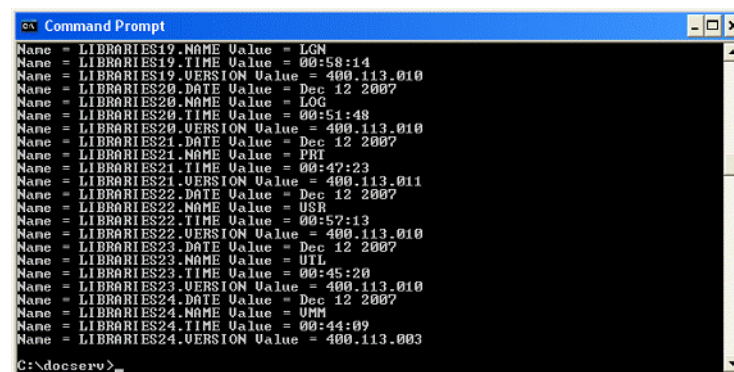
```
Command Prompt
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\ern>cd\

C:\>cd docserv

C:\docserv>dsicxu32.exe_
```

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



```
Command Prompt

Name = LIBRARIES19.NAME Value = LGN
Name = LIBRARIES19.TIME Value = 00:58:14
Name = LIBRARIES19.VERSION Value = 400.113.010
Name = LIBRARIES20.DATE Value = Dec 12 2007
Name = LIBRARIES20.NAME Value = LOG
Name = LIBRARIES20.TIME Value = 00:51:48
Name = LIBRARIES20.VERSION Value = 400.113.010
Name = LIBRARIES21.DATE Value = Dec 12 2007
Name = LIBRARIES21.NAME Value = PRI
Name = LIBRARIES21.TIME Value = 00:47:23
Name = LIBRARIES21.VERSION Value = 400.113.011
Name = LIBRARIES22.DATE Value = Dec 12 2007
Name = LIBRARIES22.NAME Value = USB
Name = LIBRARIES22.TIME Value = 00:57:13
Name = LIBRARIES22.VERSION Value = 400.113.010
Name = LIBRARIES23.DATE Value = Dec 12 2007
Name = LIBRARIES23.NAME Value = UTL
Name = LIBRARIES23.TIME Value = 00:45:20
Name = LIBRARIES23.VERSION Value = 400.113.010
Name = LIBRARIES24.DATE Value = Dec 12 2007
Name = LIBRARIES24.NAME Value = UMM
Name = LIBRARIES24.TIME Value = 00:44:09
Name = LIBRARIES24.VERSION Value = 400.113.003

C:\docserv>
```

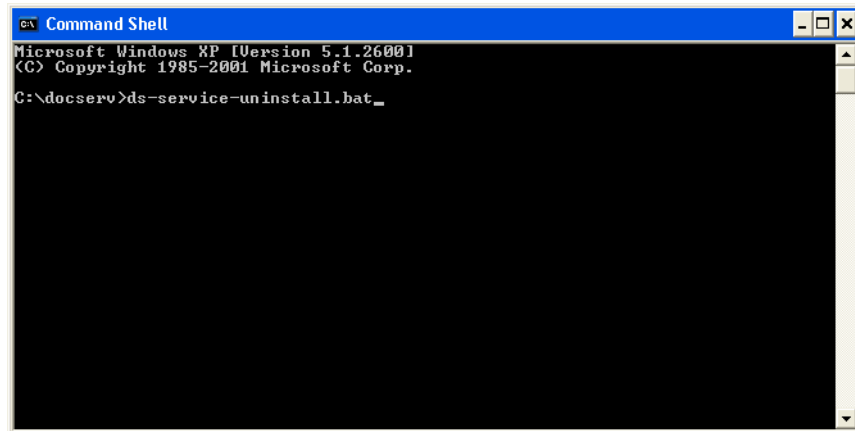
If you receive these results, Docupresentment is installed and running properly as a service.

## UNINSTALLING DOCUPRESENTMENT AS A SERVICE

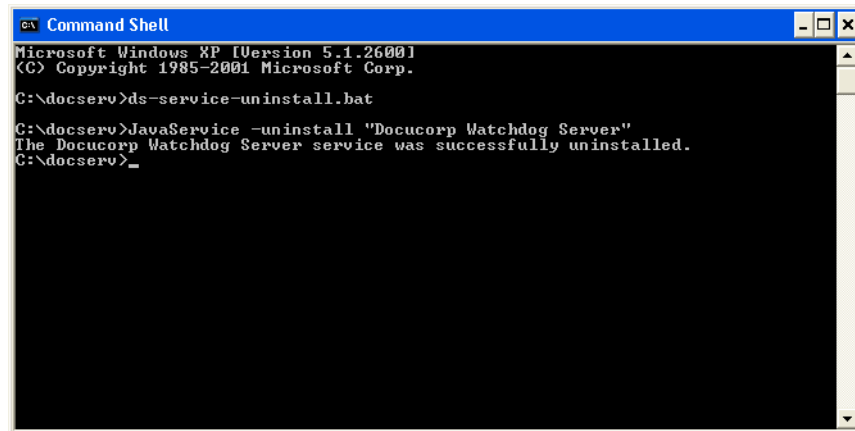
To uninstall Docupresentment as a service, open a command window and go to the directory into which you installed Docupresentment, such as `c:\docserv`.

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="2.3">
    <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.SOAPM
IMEDSIMessageMarshaller</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.ActiveMQ
InitialContextFactory</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.SOAPM
IMEDSIMessageMarshaller</entry>
        <entry
name="queuefactory.class">com.docucorp.messaging.http.DSIHTTPMessage
QueueFactory</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.SOAPM
IMEDSIMessageMarshaller</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>
      </section>
    </section>
  </section>
</configuration>
```



```

        <!-- 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.SOAPM
IMEDSIMessageMarshaller</entry>
        <entry
name="queuefactory.class">com.docucorp.messaging.msmq.DSIMSMQMessage
QueueFactory</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>
    <!-- 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\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

Oracle 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
```

## INSTALLING THE WIP EDIT PLUG-IN WITH A RESPONSE FILE

You can run the WIP Edit plug-in installer 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	Varfilename 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 web site:  
<http://resources.ej-technologies.com/install4j/help/doc/>

Here is an example:

```
(application/version).exe -q -console -c -varfile
response.varfile
```

Here is an example of the output you will see:

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

