

Oracle® Documaker

**Documaker System
Requirements**

Reference Guide

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Preface

This document outlines the system requirements for the various applications that comprise Oracle Documaker. This includes hardware and software requirements for the following Documaker applications:

- Documaker Enterprise Edition (ODEE)
- Documaker Standard Edition (ODSE)
- Docupresentment (IDS)
- Documaker Connector
- iPPS
- EWPS
- Documaker Web Services
- Documaker Desktop

Note Docupresentment is also known as Internet Document Server (IDS).

AUDIENCE

This document is intended for users who want to install the various Documaker applications. Experience installing software on Windows, UNIX, and z/OS platforms and experience as a system administrator is necessary.

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RELATED DOCUMENTS

For more information, refer to the Oracle Documaker documentation set, specifically:

- Documaker Enterprise Installation Guide
- Documaker Enterprise Administration Guide
- Documaker Installation Guide
- Documaker Administration Guide
- Internet Document Server Installation Guide
- Internet Document Server Guide
- Documaker Connector Installation Guide
- iPPS Installation Guide
- Introduction to Enterprise Web Processing Services
- Documaker Desktop Installation Guide
- Documaker Desktop Administration Guide

You can find these and other guides at the Oracle Insurance documentation page on the Oracle Technology Network:

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

CONVENTIONS

The following text conventions are used in this document:

Convention	Description
bold	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

Overview: Documaker System Requirements

Oracle Documaker applications run on a variety of operating systems and hardware platforms. Each application may have specific requirements. These requirements are explained in this chapter. Please make sure you have these requirements available before you install your Documaker applications.

This chapter discusses these topics:

- *General System Availability* on page 14
- *Documaker Enterprise Edition Requirements* on page 17
- *Documaker Standard Edition Requirements* on page 20
- *Docupresentation Requirements* on page 25
- *Documaker Connector Requirements* on page 29
- *iPPS Requirements* on page 30
- *EWPS Requirements* on page 32
- *Documaker Web Services Requirements* on page 35
- *Documaker Desktop Requirements* on page 36

GENERAL SYSTEM AVAILABILITY

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

	Windows*	z/OS	AIX	Linux	Solaris
Oracle Documaker Enterprise Edition (ODEE)**					
Document Factory	Yes	No	Yes	Yes	Yes
Documaker Interactive	Yes	No	Yes	Yes	Yes
iPPS***	Yes	No	No	No	No
Oracle Documaker Standard Edition (ODSE)					
Documaker Server	Yes	Yes	Yes	Yes	Yes
Documaker Studio	Yes	No	No	No	No
Documaker Connector	Yes	No	Yes	Yes	Yes
Docupresentation	Yes	No	Yes	Yes	Yes
EWPS	Yes	No	Yes	Yes	Yes
Oracle Documaker Desktop					
Documaker Desktop	Yes	No	No	No	No

* For ODEE, this includes Windows 2008 Server. This includes 64 bit versions of operating systems.

For ODSE, this includes Windows 2003, 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 Java 6 or higher. ODEE web applications run under WebLogic/WebSphere deployed on Windows or a UNIX platform.

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

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

* 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.

** Includes Windows 2003, Windows 7, Windows 2003 Server, and Windows 2008 Server.

*** 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 Desktop must be a 100% Windows network compatible. Some UNIX systems that offer Network File Server (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.

Sample resources

The sample Master Resource Libraries (MRL) are available on the Documaker documentation site. You can find the MRLs under the Samples and Tutorials section of Documaker documentation at [Oracle Technology Network\(OTN\)](#).

Sample resources for	Use the MRL in this ZIP file:
iPPS	AMERGEN
Documaker Desktop	SAMPCO
Documaker Studio	DMS1
Documaker Standard Edition	DMS1

To use the sample resources, you must have installed the Java Runtime Environment (JRE) 1.7 or higher.

Downloading the Software

Oracle Documaker 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

Go to the Oracle Software Delivery Cloud web site to download Oracle Documaker applications:

<https://edelivery.oracle.com>

Chapter 2

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
Presentation Tier	Any operating system that supports the following: <ul style="list-style-type: none"> • WebLogic 11g, version 10.3.6 • WebSphere Application Server, version 7.0.0.19 Network Deployment (ND). 	This layer hosts the web-based applications. Note: A 64-bit OS and a 64-bit JVM are required. WLS should be enabled to use SSL.
	Application Server 1 (logical)	Hosts the WebLogic admin server and Messaging Middleware and the collection of JVM queues The admin server is used to configure the web domains (WebLogic) and monitor resources. Hosts the web tier admin server and messaging middleware. (WebLogic) or web profiles (WebSphere) and monitor resources. The messaging middleware can be either JMS or WebSphere MQ.
	Application Server 2 (logical)	Hosts the Oracle Service-Oriented Architecture (SOA) Suite 11.1.1.6.0 with BPEL, Oracle Business Rules, OPSS, and UMS enabled.
	Application Server 3 (logical)	Hosts Documaker Interactive. Note: This server is only needed 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 WipEdit plug-in and can be used to host Online Help content. Note: This server is only needed for deployments using Documaker Interactive.
	Application Tier	Windows 2008 Server (64-bit) Standard Edition, Solaris 10/Sun OS 5.10 (SPARC), and Oracle Enterprise Linux 5.3 or higher and AIX 7.1 32-bit JVM is required for Document Factory processing

	Operating System/Software	Comments
Data Tier	Any operating system that supports Oracle 11g R2, IBM DB2 version 9.7, IBM DB2 Client version 9.7 t 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). The necessary database connections must be set up*
Archive/ Enclosure Content (Optional)	Oracle WebCenter Content Core Capabilities**	Oracle Webcenter 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 x number of users)

WebLogic JDBC connection pools should also be adjusted appropriately.

** Formerly known as Universal Content Management (UCM)

- Adobe Acrobat Reader
- One of these web browsers:
 - Microsoft Internet Explorer version 7.0 or higher
 - Mozilla Firefox version 3.6.6 or higher

Note 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 configuration

This table outlines the minimum hardware configured used to test the system:

	Windows	AIX	Solaris	Linux
Presentation Tier				
OS	Windows Server 2008 (64-bit)	AIX 7.1 TL0SP1	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.6
CPU #	Intel® 2 Cores 2.3GHz x64	4x3GHz POWER	SPARC 2 Cores T-3 1.65GHz 64-bit machines	Intel® 2 Cores 2.3GHz x64 64-bit machies
Memory #	4 GB RAM	8 GB RAM	16 GB RAM	16 GB RAM
Hard disk	150 GB			

Application Tier

	Windows	AIX	Solaris	Linux
OS	Windows Server2008 (64-bit)	AIX 7.1 TL0SP1	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.6
CPU	Intel® 4 Cores 2.3GHz	4x3GHz POWER	SPARC 2 Cores T-3 1.65GHz 64-bit machines	Intel® 4 Cores 2.3GHz 64-bit machines
Memory	4 GB RAM	8 GB RAM	16 GB RAM	16 GB RAM
Hard disk	150 GB			
Printer	HP-compatible printers supporting PCL version 5 or Postscript with 8 MB RAM ***			

Data Tier

	Windows	AIX	Solaris	Linux
OS	Windows Server 2008 (64-bit)	AIX 7.1 TL0SP1	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.6
CPU	Intel® 4 Cores 2.3GHz	4x3GHz POWER	SPARC 2 Cores T-3 1.65GHz 64-bit machines	Intel® 4 Cores 2.3GHz 64-bit machines
Memory *	4 GB RAM	16 GB RAM	16 GB RAM	16 GB RAM
Hard disk	500 GB ****			

Minimum sandbox platform

Here is the minimum hardware you need for a sandbox on each platform:

	Windows	AIX	Solaris	Linux
OS	Windows Server 2008 x64	AIX 7.1 TL0SP1	Solaris 10/Sun OS 5.10	Oracle Enterprise Linux release 5.6
CPU	Intel® 2 Cores 2.3GHz x64	4x3GHz POWER	SPARC 2 Cores T-3 1.65GHz 64-bit machines	Intel® 2 Cores 2.3GHz x64
Memory	16 GB RAM			
Hard disk	150 GB			
Printer	HP-compatible printers supporting PCL version 5 or Postscript			
Printer Printer Memory	80 GB RAM			

Chapter 3

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.
- Microsoft Word 2007 or higher is required in order to:
 - convert Microsoft Word (*.doc, *.docx) documents using Documaker Studio or command line utility RTF2FAPW
 - create or modify Documaker documents using Oracle Documaker Add-In for Microsoft Word
 - convert Documaker documents created using Oracle Documaker Add-In for Microsoft Word
- Microsoft .Net Programmability Support in MS Word

You need the following applications to run Documaker Add-In for Word:

Item	Version
Microsoft .NET Framework	Version 3.5. You can have other versions of .NET Framework too, but you must have version 3.5.
Microsoft VSTO Runtime	Version 3.0 with Service Pack 1, or higher.

Review the Microsoft Download Center site for any additional requirements associated with these applications: <http://www.microsoft.com/downloads/>

Note that the Microsoft .NET Framework must be installed before the VSTO Runtime.

Microsoft VSTO (Visual Studio 2010 Tools for Office Runtime) download is available from this site:

<http://www.microsoft.com/en-us/download/details.aspx?id=35594>

- Microsoft Visual Studio 2010 Tools for Office Runtime. Visit this link for the download : <http://www.microsoft.com/en-us/download/details.aspx?id=35594>.

This table outlines the minimum hardware used to test the system on single user Windows

	For Windows
CPU	Intel® Core™ 2 CPU.2.13GHz
Memory*	1.99 GB RAM
Hard disk**	148 GB
Printer	HP-compatible printers supporting PCL version 5
Printer memory***	8 MB RAM
Runtime library	Microsoft Visual C++ 2008 Redistributable Package (x86)

* 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

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.

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

	Requirements
Hard disk	150 MB
Printer	Any printer which supports IBM AFP, Xerox Metacode, or Adobe PostScript
Runtime library	IBM Language Environment for OS/390 version 2.10 or higher
Compiler	(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
Operating system	AIX version 6.1 or higher
Model*	pSeries - Power RISC
Compiler	(Only necessary if adding custom code to the system) IBM XL C/C++ version 10.1.0.0
Runtime library	C/C++ runtime for AIX version 11.1.0.1 or higher
	Tested on
Model*	IBM Power 750
CPU	4 x 3GHz POWER7
Memory*	16 GB
Hard disk**	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
Operating system	GNU/Linux Distribution Oracle Enterprise Linux (OEL) version 5.6 or higher Kernel 2.6.18-238+
Model	Intel/AMD based systems
Compiler	(Only necessary if you are adding custom code to the system) GNU C/C++ compiler gcc-4.1.2-50, gcc-c++-4.1.2-50
Runtime library	libgcc-4.1.2-50 libstdc++-devel-4.1.2-50
Additional requirements	<ul style="list-style-type: none"> The installer requires the sharutils package for the uudecode applet. Any other utilized software required packages, such as Oracle, DB2, MySQL, and so on.

	Tested on
CPU*	Intel® Xeon® CPU X5675 @ 3.07GHz
Operating system	Oracle Enterprise Linux (OEL) version 5.6 Oracle VM guest
Memory*	8 GB
Hard disk**	150 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
Operating system	Sun Solaris 10/SunOS 5.10 (SPARC based)
Model*	UltraSPARC based
Compiler	(Only necessary if adding custom code to the system) Sun Studio 11 for C/C++ development
Runtime library	Core Solaris 10

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

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

** Additional space required for your customized forms

Chapter 4

Docupresentation Requirements

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

You can run Docupresentation on the following operating systems:

- Windows
- AIX
- Linux
- Solaris

Note For Docupresentation you must have Java 1.7 or higher.

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

On Windows systems

	Tested on
Operating system*	Windows
CPU	Intel® Core™ 2 CPU.2.13GHz
Memory	2 GB
Hard disk (RTE)	80 GB
Hard disk (MRL)**	80 GB

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

** Additional space required for your customized forms

On AIX systems

	Requirements
Operating system	AIX version 6.1 or higher
Model*	pSeries - Power RISC
Compiler	(Only necessary if adding custom code to the system) IBM XL C/C++ version 10.1.0.0
Runtime library	C/C++ runtime for AIX version 11.1.0.1 or higher
	Tested on
Model*	IBM Power 750
CPU	4 x 3GHz POWER7
Memory*	16 GB
Hard disk**	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
Operating system	GNU/Linux Distribution Oracle Enterprise Linux (OEL) version 5.6 or higher Kernel 2.6.18-238+
Model	Intel/AMD based systems
Compiler	(Only necessary if you are adding custom code to the system) GNU C/C++ compiler gcc-4.1.2-50, gcc-c++-4.1.2-50
Runtime library	libgcc-4.1.2-50 libstdc++-devel-4.1.2-50
Additional requirements	<ul style="list-style-type: none"> The installer requires the sharutils package for the uudecode applet. Any other utilized software required packages, such as Oracle, DB2, MySQL, and so on.

	Tested on
CPU*	Intel® Xeon® CPU X5675 @ 3.07GHz
Operating system	Oracle Enterprise Linux (OEL) version 5.6 Oracle VM guest
Memory*	8 GB
Hard disk**	150 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
Operating system	Sun Solaris 10/SunOS 5.10 (SPARC based)
Model*	UltraSPARC based
Compiler	(Only necessary if adding custom code to the system) Sun Studio 11 for C/C++ development
Runtime library	Core Solaris 10

	Tested on
Model*	Sun Ultra 45
Operating system	Solaris 10/Sun OS 5.10 SPARC 64-bit
CPU	2 x 1.6 GHz UltraSPARC-IIIi
Memory*	4 GB
Hard disk**	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 Docupresentation implementations on WebSphere Application Server (WAS) version 6.1.x and Tomcat 6.x Application Server.

Chapter 5

Documaker Connector Requirements

To use Documaker Connector, you need the following:

- Platform support of Java 6 (compatible JVM), including JDBC database connectivity.

Note On Windows, Linux, and Solaris, the installer installs a compatible JVM (Java Virtual Machine) for you.

- Connection to an SQL database and file system directory which are both also accessible to Oracle Documaker, for use with the Documaker source.
- A connection to the configured destination system, such as Oracle WebCenter Content.

Chapter 6

iPPS Requirements

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

Basic requirements

	Requirements
CPU	Pentium III or higher
Operating systems	Windows 7, Windows 2003 or Windows 2008 Server
Memory*	256 MB RAM
Hard disk**	400 MB free
Other components	Keyboard and mouse or compatible pointing device
Monitor	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 minimum requirements, each client should have the following:

- WIP Edit plug-in, version 11.3, patch 05 or higher
- Windows 7
- 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 minimum 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

Chapter 7

EWPS Requirements

The EWPS Java web application deployment supports Java Runtime Environment (JRE) version 1.7 or higher. For best results, use JRE version 1.7. This table shows 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

When running on Windows, AIX, Linux, or Solaris, you can use the following Java web application servers and servlet containers:

- Oracle WebLogic Server + Coherence - Package Installer 10.3.4 or higher
- IBM WebSphere AS, version 6.1 or higher
- Tomcat version 5.5 or higher

Note As shown above, Oracle tests with WebLogic, 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 Docupresentation using a message bus provider such as Oracle WebLogic, 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"> • XP (SP 2) • Server 2003 (SP2) 	HTTP/SOAP* MSMQ IBM WebSphere MQ, version 5.3 or higher Oracle WebLogic 11g, version 10.3.4 Other JMS providers
Linux (x86-32 and x86-64) ** <ul style="list-style-type: none"> • Oracle Enterprise Linux version 5.3 or higher • RedHat Linux Enterprise Server version 5.3 or higher 	HTTP/SOAP* IBM WebSphere MQ, version 5.3 or higher Oracle WebLogic 11g, version 10.3.4 Other JMS providers
Sun Solaris (SPARC) <ul style="list-style-type: none"> • Solaris 10/SunOS version 5.10 or higher 	HTTP/SOAP * IBM WebSphere MQ, version 5.3 or higher Oracle 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"> • version 5.3 TL 5200-09 • version 5.3 TL 5300-07 	HTTP/SOAP * IBM WebSphere MQ, version 5.3 or higher Oracle 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.

Docupresentation, JRE, and Documaker versions

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

For this platform	Docupresentation	JRE	Documaker
Microsoft Windows (x86-32 and x86-64) <ul style="list-style-type: none"> Windows Server 2003 (SP2) 	Version 2.2, patch 04* or higher	Sun JRE v1.7	Version 11.3, patch 05 or higher
Linux (x86-32 and x86-64)*** <ul style="list-style-type: none"> Oracle Enterprise Linux version 5.3 or higher RedHat Enterprise Linux version 5.3 or higher 	Version 2.2, patch 04* or higher	Sun JRE v1.7 IBM JRE v1.7*	Version 11.3, patch 05 or higher
Sun Solaris (SPARC) <ul style="list-style-type: none"> Solaris 10/SunOS 5.10 or higher 	Version 2.2, patch 04* or higher	Sun JRE v1.7	Version 11.3, patch 05 or higher
IBM AIX 5L pSeries (RISC) 32-bit and 64-bit <ul style="list-style-type: none"> version 5.3 TL 5200-09 version 5.3 TL 5300-07 	Version 2.2, patch 04* or higher	IBM JRE v1.7**	Version 11.3, patch 05 or higher

* A Docupresentation Windows installation includes a bundled Sun J2SE JRE version 1.7 which is used by default by the Docupresentation server.

** IBM's J2SE JRE version 1.7 is only supported in Docupresentation 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, Docupresentation, Document Factory, iPPS, or EWPS, log onto the following web site:

<https://support.oracle.com>

Chapter 8

Documaker Web Services Requirements

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

Component	Description
Java version 1.7	Sun build 1.6.0_01-b06 JRockit 160_05_R27.6.2-20 IBM 1.7.0 SR5
Application server	Oracle WebLogic version 10.3.4 IBM WebSphere version 7.0 Note: The following Java web servers are supported by DWS, but that support does not extend to the rest of Oracle Documaker Enterprise Edition. JBoss 6.0.0.M1 Tomcat 6.0.20
Operating system	Windows XP Windows 2003 AIX 5.3 Oracle Enterprise Linux version 5.3 Solaris 10
Database	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.
Message bus	A message bus is required by Docupresentation and also used by composition services.
Docupresentation	Oracle Docupresentation is required for composition services.
Document Factory	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/>

Chapter 9

Documaker 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 workstation.

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

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.

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