

**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

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

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## 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.

## DOCUMENTATION ACCESSIBILITY

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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
<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

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# 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 2
- *Documaker Enterprise Edition Requirements* on page 5
- *Documaker Standard Edition Requirements* on page 8
- *Docupresentation Requirements* on page 12
- *Documaker Connector Requirements* on page 16
- *iPPS Requirements* on page 17
- *EWPS Requirements* on page 19
- *Documaker Web Services Requirements* on page 22
- *Documaker Desktop Requirements* on page 23

## GENERAL SYSTEM AVAILABILITY

The following Documaker applications run on a variety of operating systems, principally Windows operating systems such as Windows XP, Windows 2003, Windows Vista, 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
<b>Oracle Documaker Enterprise Edition (ODEE)</b>					
Document Factory ++	Yes	No	No	Yes	Yes
Documaker Interactive ++	Yes	No	No	Yes	Yes
iPPS +++	Yes	No	No	No	No
<b>Oracle Documaker Standard Edition (ODSE)</b>					
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
<b>Oracle Documaker Desktop</b>					
Documaker Desktop	Yes	No	No	No	No

+ For ODEE, this includes Windows 2003 Server and Windows 2008 Server. For ODSE, this 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 Java 6 or higher. ODEE web applications run under WebLogic 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
<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 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 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

You can download sample master resource libraries (MRLs) for your Documaker applications from Oracle’s Software Delivery Cloud. For instance, in the media packs for Documaker Desktop, Documaker Enterprise Edition, and Documaker Standard Edition, you will find these sample resources:

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) 1.6 or higher.

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### 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
<b>Presentation Tier</b>	Any operating system that supports the following: <ul style="list-style-type: none"> <li>WebLogic 11g, version 10.3.4</li> </ul>	This layer hosts the web-based applications. <b>Note:</b> A 64-bit OS and a 64-bit JVM are recommended. 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.
	Application Server 2 (logical)	Hosts the Oracle Service-Oriented Architecture (SOA) Suite 11.1.1.4.0 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 WipEdit plug-in and can be used to host Online Help content. <b>Note:</b> This server is only needed for deployments using Documaker Interactive.
<b>Application Tier</b>	Windows 2003 Server and 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 Docupresentation 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).The necessary database connections must be set up*

\*\* 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.

	Operating System/Software	Comments
<b>Archive/Enclosure Content (Optional)</b>	Fusion Middleware 11.1.1.3.0 or higher Oracle WebCenter Content Core Capabilities** 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
- 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 configuration used to test the system on a Windows, Solaris, or Linux operating system:

	Windows	Solaris	Linux
<b>Presentation Tier</b>			
<b>OS</b>	Windows Server 2008 (32- or 64-bit)	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.6
<b>CPU #</b>	Intel® 2 Cores 2.3GHz x64	SPARC 2 Cores T-3 1.65GHz	Intel® 2 Cores 2.3GHz x64
<b>Memory #</b>	4 GB RAM	8 GB RAM	8 GB RAM
<b>Hard disk</b>	150 GB		
<b>Application Tier</b>			
<b>OS</b>	Windows Server2008 (32- or 64-bit)	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.6

# 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
<b>CPU</b>	Intel® 4 Cores 2.3GHz	SPARC 2 Cores T-3 1.65GHz	Intel® 4 Cores 2.3GHz
<b>Memory</b>	4 GB RAM	8 GB RAM	8 GB RAM
<b>Hard disk</b>	150 GB		
<b>Printer</b>	HP-compatible printers supporting PCL version 5 or Postscript with 8 MB RAM ***		

**Data Tier**

<b>OS</b>	Windows Server 2008(32- or 64-bit)	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.6
<b>CPU</b>	Intel® 4 Cores 2.3GHz	SPARC 2 Cores T-3 1.65GHz	Intel® 4 Cores 2.3GHz
<b>Memory *</b>	4 GB RAM	16 GB RAM	16 GB RAM
<b>Hard disk</b>	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 minimum hardware you need for a sandbox, on a Windows, Solaris, or Linux operating system:

	Windows	Solaris	Linux
<b>OS</b>	Windows Server 2008 x64	Solaris 10/Sun OS 5.10	Oracle Enterprise Linux release 5.6
<b>CPU</b>	Intel® 2 Cores 2.3GHz x64	SPARC 2 Cores T-3 1.65GHz	Intel® 2 Cores 2.3GHz x64
<b>Memory</b>	8GB RAM		
<b>Hard disk</b>	150 GB		
<b>Printer</b>	HP-compatible printers supporting PCL version 5 or Postscript		
<b>Printer Memory</b>		8 MB 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.

This table outlines the minimum hardware used to test the system on single user Windows XP and Windows Vista workstations.

	For Windows XP	For Windows Vista
<b>CPU</b>	Intel® Core™ 2 CPU.2.13GHz	Intel® Core™ 2 CPU.1.86GHz
<b>Memory*</b>	1.99 GB RAM	1022 MB RAM
<b>Hard disk**</b>	148 GB	75 GB
<b>Printer</b>	HP-compatible printers supporting PCL version 5	
<b>Printer memory***</b>	8 MB RAM	
<b>Runtime library</b>	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

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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 6.1 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 10.1.0.0
<b>Runtime library</b>	C/C++ runtime for AIX version 11.1.0.1 or higher

	Tested on
<b>Model*</b>	IBM Power 750
<b>CPU</b>	4 x 3GHz POWER7
<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 5.6 or higher Kernel 2.6.18-238+
<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-4.1.2-50, gcc-c++-4.1.2-50
<b>Runtime library</b>	libgcc-4.1.2-50 libstdc++-devel-4.1.2-50
<b>Additional requirements</b>	<ul style="list-style-type: none"> <li>The installer requires the sharutils package for the uuencode applet.</li> <li>Any other utilized software required packages, such as Oracle, DB2, MySQL, and so on.</li> </ul>

	Tested on
<b>CPU*</b>	Intel® Xeon® CPU X5675 @ 3.07GHz
<b>Operating system</b>	Oracle Enterprise Linux (OEL) version 5.6 Oracle VM guest
<b>Memory*</b>	8 GB
<b>Hard disk**</b>	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
<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

## Chapter 4

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# 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 1.6 or higher.

---

These tables provide more detailed information on our minimum platform requirements for testing Docupresentation 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 6.1 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 10.1.0.0
<b>Runtime library</b>	C/C++ runtime for AIX version 11.1.0.1 or higher
	Tested on
<b>Model*</b>	IBM Power 750
<b>CPU</b>	4 x 3GHz POWER7
<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 5.6 or higher Kernel 2.6.18-238+
<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-4.1.2-50, gcc-c++-4.1.2-50
<b>Runtime library</b>	libgcc-4.1.2-50 libstdc++-devel-4.1.2-50
<b>Additional requirements</b>	<ul style="list-style-type: none"> <li>The installer requires the sharutils package for the uudecode applet.</li> <li>Any other utilized software required packages, such as Oracle, DB2, MySQL, and so on.</li> </ul>

	Tested on
<b>CPU*</b>	Intel® Xeon® CPU X5675 @ 3.07GHz
<b>Operating system</b>	Oracle Enterprise Linux (OEL) version 5.6 Oracle VM guest
<b>Memory*</b>	8 GB
<b>Hard disk**</b>	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
<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

## 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.

## Chapter 5

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# Documaker Connector Requirements

To use Documaker Connector, you need the following:

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

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**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
<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 minimum 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 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 1.6 or higher. For best results, use JRE version 1.6. 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"> <li>• XP (SP 2)</li> <li>• Server 2003 (SP2)</li> </ul>	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"> <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 Oracle 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 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"> <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 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.

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## 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"> <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 v1.6	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 v1.6 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 v1.6	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 v1.6**	Version 11.3, patch 05 or higher

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

\*\* IBM's J2SE JRE version 1.6 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
<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 IBM WebSphere version 7.0 <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. 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 Docupresentation and also used by composition services.
<b>Docupresentation</b>	Oracle Docupresentation 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>

## 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 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.



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