



QPS 8.1 ReadMe

Contents

QPS 8.1 ReadMe.....	6
QPS components.....	7
Server components.....	7
Other optional components.....	7
Client components.....	7
System requirements.....	8
QPS Server: Mac OS.....	8
Hardware	8
Software.....	8
Supported platforms*.....	9
QPS Server: Windows.....	9
Hardware.....	9
Software.....	9
Supported platforms*.....	9
QPS Database*.....	10
QPS File Server: Mac OS.....	10
Hardware options.....	10
Software.....	10
Supported platforms*.....	10
QPS File Server: Windows.....	11
Hardware.....	11
Software.....	11
Supported platforms*.....	11
QPS File Server: Solaris.....	11
Hardware.....	11
Software.....	12
QPS Connect Client: Mac OS.....	12
Hardware	12
Software.....	12
Supported platforms*.....	12
QPS Connect Client: Windows.....	12
Hardware.....	12
Software.....	13

Supported platforms*.....	13
QPS Web Hub.....	13
Suggested hardware configurations.....	14
Low-volume QPS traffic.....	14
Medium volume QPS traffic (option 1).....	15
Medium volume QPS traffic (option 2).....	15
High-volume QPS traffic.....	16
Installing QPS software.....	18
Installing QuarkXPress Server.....	18
Installing QPS XTensions software for QuarkXPress Server.....	18
Mac OS.....	19
Windows.....	19
Installing QPS Database.....	19
Installing QPS Database — HSQL DB.....	19
Installing QPS Database on Windows — MS SQL Server.....	19
Installing QPS Database on Windows — Oracle.....	20
Configuring QPS schema for Oracle on Linux.....	21
Installing QPS Server.....	22
Mac OS.....	22
Windows.....	23
QPS Script Manager.....	25
Installing QPS Connect Client.....	25
Mac OS.....	25
Windows.....	25
Installing QPS XTensions software.....	26
Mac OS.....	26
Windows.....	27
Making changes after installation.....	28
Ensuring access to QuarkXPress Server Manager.....	28
Identifying QuarkXPress Server locale.....	28
Updating QuarkXPress Server.....	28
Updating a QPS Connect Client installation: Windows.....	29
Allocating RAM for QPS Server.....	29
Upgrading QPS software.....	31
Updating QPS XTensions software for QuarkXPress Server.....	31
Updating QPS Server (Mac OS).....	31
Updating QPS Server (Windows).....	32
Updating QPS Database (Windows).....	32
Updating QPS Database (Oracle).....	33

CONTENTS

Updating QuarkXPress (Mac OS).....	33
Updating QuarkXPress (Windows).....	33
Updating QuarkCopyDesk (Mac OS).....	34
Updating QuarkCopyDesk (Windows).....	34
Updating QPS Client (Mac OS).....	34
Updating QPS Client (Windows).....	35
Starting QPS Server.....	36
Mac OS.....	36
Windows.....	36
Automating QuarkXPress Server and subrenderer restarts.....	36
Mac OS.....	37
Windows.....	37
Uninstalling.....	38
Uninstalling QPS Server.....	38
Mac OS.....	38
Windows.....	38
Uninstalling QPS Connect Client and QPS XTensions software.....	38
Mac OS.....	38
Windows.....	40
Changes in this version.....	41
Enhanced search capabilities.....	41
Enhanced viewing options.....	41
Edit attached pictures in QuarkXPress.....	42
Maintain geometry in detached articles.....	42
QPS Web Hub enhancements.....	42
License changes.....	43
Enhanced QuarkCopyDesk page pictures.....	43
Double-click to check in asset.....	43
Enhanced template controls.....	44
Enhanced drag-and-drop functions.....	44
Enhanced user management with LDAP.....	44
LDAP: Support for multiple search bases.....	44
LDAP: Multiple authentication options.....	45
Last-minute changes.....	46
Deploying in external Tomcat.....	46
Search notification evaluation settings.....	48

- Known and resolved issues.....49**

- Contacting Quark.....50**
 - In the Americas.....50
 - Outside the Americas.....50
 - In Australia.....51

- Legal notices.....52**

QPS 8.1 ReadMe

Quark Publishing System® (QPS®) allows workgroup publishers to integrate files and tasks through a networked system of applications and servers. This document contains important information for evaluating your hardware and software requirements, preparing your environment, and installing QPS.

QPS components

QPS 8.1 includes server and client components. These components have been tested on the hardware and software configurations listed below.

Server components

- QPS Server software
- QPS File Server
- QuarkXPress® Server (see the *QuarkXPress Server ReadMe* file for minimum system requirements and installation instructions)
- Quark® License Administrator (QLA) 4.5 (for Quark software license management)

Other optional components

- QPS database using Oracle® 10.2.0.4 (Windows® or Linux). If you plan to use an Oracle database on Linux, you must first install Oracle and follow the instructions in "[Configuring QPS schema for Oracle on Linux](#)" in this document.
- QPS database using Microsoft® SQL Server® 2005 with service pack 2 (SP2) or Microsoft SQL Server 2008 with SP1
- QPS Script Manager (for automating tasks)

Client components

- QPS Connect Client
- QuarkCopyDesk® 8.1 with QPS XTensions® software for QuarkCopyDesk
- QuarkXPress 8.1 with QPS XTensions software for QuarkXPress
- QPS Web Hub

System requirements

The QPS 8.1 system requirements listed below are baseline requirements, but your number of users, number of assets, and number of asset revisions affect system performance. The requirements with an asterisk are affected by these variables. See "[Suggested hardware configurations](#)" for guidance considering these variables. RAM requirements do not include other third-party application requirements on the computer, so factor accordingly. Also, the requirements for QuarkXPress Server, QuarkXPress, and QuarkCopyDesk are not listed below. See the ReadMe files for these applications for system requirements (stored in the "Documents" folder at the root level of the application folder).

- ➔ The operating system requirements listed in this document include the most current patches and service packs.
- ➔ QPS 8.1 is certified on VMWare ESXi. QuarkXPress Server is certified on VMWare ESXi only as part of QPS.
- ➔ QPS 8.1 works with Citrix Presentation Server 4.5 and Citrix XenApp 5.0.

QPS Server: Mac OS

Hardware

- 4GB total RAM (Quark recommends allocating at least 50% of the total RAM available to the QPS Server. See "[Allocating RAM for QPS Server](#)" for more information.)*
 - 1GB hard disk space*
 - TCP/IP network (Gigabit Ethernet recommended)
- ➔ Quark does not recommend using low-end desktop computers and laptops as server computers.

Software

- Mac OS X 10.4.11 or Mac OS X 10.5.6
- Mac OS X Server 10.4.11 or Mac OS X Server 10.5.6

- Java™ Development Kit (JDK™) 1.5 or 1.6
- Quark License Administrator (QLA) 4.5 (required for QPS Server and QuarkXPress Server)
- QuarkXPress Server 8.1 (QuarkXPress Server is required for QPS Server. Quark recommends improving performance by installing and running QuarkXPress Server on a different computer from the computer on which you install and run your QPS Server.)

Supported platforms*

- Intel processor (recommended)
- Intel® Xserve computer running Mac OS X Server software
- G5 PowerPC® processor (supported, but not recommended)
- G5 Xserve® running Mac OS X Server software
- Mac Pro running Mac OS X Server software

QPS Server: Windows

Hardware

- 4GB total RAM (Quark recommends allocating as much RAM as possible for QPS Server. However, you cannot allocate more than approximately 1.6GB on Windows.)*
- 1GB hard disk space*
- TCP/IP network (Gigabit Ethernet recommended)

➔ Quark does not recommend using low-end desktop computers and laptops as server computers.

Software

- Microsoft Windows Server 2003 (Standard Edition or Enterprise Edition; 32-bit or 64-bit)
- Microsoft Windows Server 2008 (Standard Edition or Enterprise Edition; 32-bit or 64-bit)
- .NET Framework 3.5 SP1
- Java Development Kit (JDK) 1.6
- Quark License Administrator (QLA) 4.5 (required for QPS Server and QuarkXPress Server)
- QuarkXPress Server 8.1 (QuarkXPress Server is required for QPS Server. Quark recommends improving performance by installing and running QuarkXPress Server on a different computer from the computer on which you install and run your QPS Server.)

Supported platforms*

- Servers based on multi-core Xeon® processors

SYSTEM REQUIREMENTS

- Intel® Core™ 2 Duo
- VMware ESXi (virtualization platform)

QPS Database*

- HSQL DB 1.8 in embedded mode (The QPS Server installer installs this database in embedded mode if you choose HSQL DB during installation.)
 - Microsoft SQL Server 2005 with SP2 or Microsoft SQL Server 2008 with SP1, Standard Edition or Enterprise Edition
 - Oracle Database 10g Release 2 (10.2.0.4) on Red Hat Enterprise Linux 5 or Microsoft Windows Server 2003 or Microsoft Windows Server 2008
- ➔ If you plan to use a Microsoft SQL Server database, you must first install Microsoft SQL Server. If you plan to use an Oracle database on Windows, you must first install Oracle. Then run the "QPS Server.exe" installer on Windows, click **Install QPS Database**, and follow instructions on the screen to create QPS schema in your Microsoft SQL Server database or Oracle database.
- ➔ If you plan to use an Oracle database on Linux, you must first install Oracle and follow the instructions in "[Configuring QPS schema for Oracle on Linux](#)." Use Oracle 10.2.0.4.

QPS File Server: Mac OS

Hardware options

- 2GB total RAM*
 - 5GB–150GB hard disk space (depending on number of assets)*
 - TCP/IP network (Gigabit Ethernet recommended)
- ➔ Quark does not recommend using low-end desktop computers and laptops as server computers.

Software

- Mac OS X Server 10.4.11 or Mac OS X Server 10.5.6

Supported platforms*

- Intel processor (recommended)
- Intel® Xserve computer running Mac OS X Server software
- G5 PowerPC® processor (supported, but not recommended)

- G5 Xserve® running Mac OS X Server software
- Mac Pro running Mac OS X Server software

➔ You can use a separate computer as your QPS File Server, but Quark recommends installing and running your QPS Server on the same computer as your QPS File Server because it optimizes read/write operations. If you combine your QPS Server and QPS File Server on the same computer, add the 1GB estimate for QPS Server files to the 5GB–150GB required for your QPS File Server.

QPS File Server: Windows

Hardware

- 2GB total RAM*
- 5GB–150GB hard disk space (depending on number of assets)*
- TCP/IP network (Gigabit Ethernet recommended)

➔ Quark does not recommend using low-end desktop computers and laptops as server computers.

Software

- Microsoft Windows Server 2003 (Standard Edition or Enterprise Edition; 32-bit or 64-bit)
- Microsoft Windows Server 2008 (Standard Edition or Enterprise Edition; 32-bit or 64-bit)

Supported platforms*

- Intel vPro™ technology and Intel Core 2 Duo running Windows 2003 Server SP2, Standard Edition or Enterprise Edition (recommended)
- Single processor Intel® Pentium® 4/Pentium D/Dual-processor Xeon running Windows 2003 Server SP2, Standard Edition or Enterprise Edition

➔ You can use a separate computer as your QPS File Server, but Quark recommends installing and running your QPS Server on the same computer as your QPS File Server because it optimizes read/write operations. If you combine your QPS Server and QPS File Server on the same computer, add the 1GB estimate for QPS Server files to the 5GB–150GB required for your QPS File Server.

QPS File Server: Solaris

Hardware

- SPARC™-based or x64/x86-based system

SYSTEM REQUIREMENTS

- 2GB total RAM
- 5GB–150GB hard disk space (depending on the number of assets)*

➔ Quark does not recommend using low-end desktop computers and laptops as server computers.

Software

- Sun™ Solaris™ 8 or later

QPS Connect Client: Mac OS

Hardware

- 1GB total RAM*
- 500MB hard disk space for program files and enough hard disk space to store checked-out assets*
- TCP/IP network

Software

- Mac OS X 10.4.11 or Mac OS X 10.5.6

Supported platforms*

- iMac with Intel Core Duo or Intel Core 2 Duo processor
- MacBook or MacBook Pro with Intel Core Duo or Intel Core 2 Duo processor running Mac OS X client software
- Mac Pro running Mac OS X client software
- Mac mini with Intel Core Duo or Intel Core 2 Duo processor
- G5 PowerPC processor (supported, but not recommended)

QPS Connect Client: Windows

Hardware

- 1GB total RAM*
- 500MB hard disk space for program files and enough hard disk space to store checked-out assets*

Software

- Microsoft Windows XP Professional Edition or Windows Vista® Business or Ultimate
- .NET Framework 3.5 SP1

Supported platforms*

- Intel Core 2 Duo processor running Windows XP Professional Edition
- Intel Xeon processor running Windows XP Professional Edition
- Intel vPro technology and Intel Core 2 Duo running Windows Vista Business Edition or Ultimate Edition
- Intel Pentium 4 processor running Windows XP Professional Edition

QPS Web Hub

- Mozilla Firefox 3.0.x on Mac OS or Windows, Internet Explorer 7.x, Internet Explorer 8.x, Safari 3.1.x or 3.2.x for Mac OS, or Google Chrome on Windows

➡ * See "[Suggested hardware configurations](#)" for details.

Suggested hardware configurations

Use the parameters below to help determine the hardware needs for your organization. Variables include your number of users, number of assets, kinds of assets (for example, small text files or large picture files), and your number of asset revisions. When you search for assets, QPS Server performance depends on the number of master files (that is, the current version of each asset). The number of revisions does not affect QPS Server performance, but the revision number variable affects the amount of disk space required for your QPS File Server. An increased number of search operations from multiple users can also affect QPS Server performance.

Contact your account manager to specify your organization's needs based on the suggested configurations below. The low-volume, medium volume, and high-volume configurations are approximations based on the number of logged-on users displayed in the **User Activity** screen of the QPS Connect Client window (also called "user sessions").

➔ Quark does not recommend using low-end desktop computers and laptops as server computers.

Low-volume QPS traffic

The configuration below can adequately serve a smaller QPS workflow (approximately 30 users and 5,000 assets). You can install the QPS Database, QPS Server, and QPS File Server on one computer, but Quark recommends using a second computer for QuarkXPress Server.

Computer 1: QPS Database (HSQL), QPS Server, QPS File Server

- **RAM:** 4GB (1GB allocated to Java Virtual Machine)
- **Hard disk:** 1GB free space (in addition to 5–150GB needed for assets)
- **RAID:** Not required
- **CPU:** Dual Core Intel (recommended)
- **Network:** Gigabit NIC (recommended)

Computer 2: QuarkXPress Server (two subrenderers)

- **RAM:** 2GB

- **Hard disk:** 10GB–20GB required for document pool
- **RAID:** Not required
- **CPU:** Dual Core Intel (recommended)
- **Network:** Gigabit NIC (recommended)

Medium volume QPS traffic (option 1)

The configuration below can adequately serve a mid-sized QPS workflow (approximately 50 users and 20,000 assets). Although you can install the QPS Database, QPS Server, and QPS File Server on one computer, you will need to allocate more RAM for the QuarkXPress Server computer. This option suggests two server computers.

Computer 1: QPS Database (HSQL), QPS Server, QPS File Server

- **RAM:** 4GB (1.5GB allocated to Java Virtual Machine)
- **Hard disk:** 1GB free space (in addition to 5–150GB needed for assets)
- **RAID:** Not required
- **CPU:** 2 Dual Core Intel (recommended)
- **Network:** Gigabit NIC (recommended)

Computer 2: QuarkXPress Server (four subrenderers)

- **RAM:** 4GB
- **Hard disk:** 10GB–20GB required for document pool
- **RAID:** Not required
- **CPU:** Dual Core Intel Xeon (recommended)
- **Network:** Gigabit NIC (recommended)

Medium volume QPS traffic (option 2)

The configuration below can adequately serve a mid-sized QPS workflow (approximately 50 users and 20,000 assets). A redundant array of independent drives (RAID) for your QPS Database can improve performance for accessing assets. This option suggests three server computers.

Computer 1: QPS Database (Microsoft SQL Server or Oracle)

- **RAM:** 4GB
- **Hard disk:** 20GB free space
- **RAID:** RAID 1+0
- **CPU:** Dual Core Xeon (latest) (recommended)

SUGGESTED HARDWARE CONFIGURATIONS

- **Network:** Gigabit NIC (recommended)

Computer 2: QPS Server, QPS File Server

- **RAM:** 4GB (1.5GB allocated to Java Virtual Machine)
- **Hard disk:** 1GB free space (in addition to 5–150GB needed for assets)
- **RAID:** Not required
- **CPU:** Dual Core Intel (recommended)
- **Network:** Gigabit NIC (recommended)

Computer 3: QuarkXPress Server (four subrenderers)

- **RAM:** 4GB
- **Hard disk:** 10GB–20GB required for document pool
- **RAID:** Not required
- **CPU:** Dual Core Xeon (recommended)
- **Network:** Gigabit NIC (recommended)

High-volume QPS traffic

The configuration below can adequately serve a large QPS workflow (more than 150 users and 60,000 assets).

Computer 1: QPS Database (Microsoft SQL Server or Oracle)

- **RAM:** 4GB
- **Hard disk:** 40GB free space
- **RAID:** RAID 1+0
- **CPU:** 2 Dual Core Xeon (latest) 3GHz (recommended)
- **Network:** Gigabit NIC (recommended)

Computer 2: QPS Server, QPS File Server

- **RAM:** 4GB (1.5GB allocated to Java Virtual Machine)
- **Hard disk:** 1GB free space (in addition to 5–150GB needed for assets)
- **RAID:** Not required
- **CPU:** 2 Dual Core Intel (recommended)
- **Network:** Gigabit NIC (recommended)

Computer 3: QuarkXPress Server (eight subrenderers)

SUGGESTED HARDWARE CONFIGURATIONS

- **RAM:** 8GB
- **Hard disk:** 10GB–20GB required for document pool
- **RAID:** Not required
- **CPU:** 2 Dual Core Xeon (latest) 3GHz (recommended)
- **Network:** Gigabit NIC (recommended)

Installing QPS software

QPS 8.1 includes multiple installers for server and client components. These installers must be run in the sequence below. If you do not follow the sequence below, you will need to copy files manually after completing all the QPS software installations.

- 1 Install QuarkXPress Server 8.1.
- 2 Install QPS XTensions software for QuarkXPress Server (included with the QPS Server installer).
- 3 Install QPS Database.
- ➔ If you set up a Microsoft SQL Server database to use with QPS 8.1, do not use Windows authentication when you install Microsoft SQL Server software.
- 4 Install QPS Server.
- 5 Install QuarkCopyDesk 8.1.
- 6 Install QuarkXPress 8.1.
- 7 Install QPS Connect Client (this installer also installs QPS XTensions software for QuarkCopyDesk and QuarkXPress).

Installing QuarkXPress Server

For information on installing QuarkXPress Server, see the *QuarkXPress Server 8.1 ReadMe* file in the "Documents" folder at the root level of your QuarkXPress Server application folder. When the **Port and Folder Settings** screen displays, check **Enable HTTP Interface**, enter a port number, and record the port number because you will need it when you install QPS Server. Also, check **Enable the File System Document Pool**, click **Browse**, and specify a location.

Installing QPS XTensions software for QuarkXPress Server

Make sure you run the installer file for QPS XTensions software for QuarkXPress Server on the QuarkXPress Server computer.

Mac OS

To install the QPS XTensions software for QuarkXPress Server:

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer files, and then disable your virus detection software before installing.
- 2 Double-click **QPS Server Installer**.
The **QPS Server** window displays.
- 3 Click **Install QPS XTensions Software for QuarkXPress Server**.
The **Authenticate** screen displays. Enter your name and password.
- 4 Click **Continue**, read the license agreement, click **Continue**, click **Agree**, and then click **Install**.
The Installer copies the XTensions software files.
- 5 Click **Quit** to conclude the installation.

Windows

To install the QPS XTensions software for QuarkXPress Server:

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer files and then disable your virus detection software before installing.
- 2 Double-click the "QPS Server.exe" file. The **Quark Publishing System Installer** screen displays with three options: **Install QPS XTensions Software for QuarkXPress Server**, **Install QPS Database**, and **Install QPS Server**.
- 3 Click **Install QPS XTensions Software for QuarkXPress Server** and then follow the instructions on the screen.

Installing QPS Database

You have three options for installing your QPS Database: HSQL DB, MS SQL Server, and Oracle. Follow the instructions below.

Installing QPS Database — HSQL DB

Installing an HSQL QPS Database is the easiest option because QPS embeds the database for you when you run the QPS Server installer. You do not need to run a separate Database installer to install QPS Schema on HSQL DB. See "[Installing QPS Server](#)" for details.

Installing QPS Database on Windows — MS SQL Server

You must install and configure Microsoft SQL Server on Windows before you can install the QPS Database for MS SQL Server. You can install the QPS Database with the QPS

INSTALLING QPS SOFTWARE

Database installer ("Setup.exe" in the "Installer > Database" folder) or the QPS Server Installer ("QPS Server.exe"). To install the QPS Database for MS SQL Server:

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer files and then disable your virus detection software before installing.

- 2 Double-click the "Setup.exe" file in the "Installer > Database" folder.

The **Quark Publishing System Database — Setup** dialog box displays.

➔ You can also access the **Quark Publishing System Database — Setup** dialog box by double-clicking the "QPS Server.exe" file and then clicking **Install QPS Database**.

- 3 Click **Next**.

The **License Agreement** screen displays.

- 4 Click **I accept the terms in the license agreement** and click **Next**.

The **Database Information** screen displays.

- 5 Choose **SQL Server** from the **Select Database Type** drop-down menu, and click **Next**.

A screen for entering your MS SQL Server information displays.

- 6 Enter the connection string in the **Host/Instance Name** field.

- 7 Enter the name of the QPS Database you want to create in the **Database User Name** field.

- 8 Enter the password of the QPS Database in the **Database Password** field.

- 9 Click **Browse** in the **Database Destination Folder** area to specify the path for storing database data files.

- 10 Click **Next**.

The **Ready to Install the Application** screen displays.

- 11 Click **Install**.

- 12 When the installation concludes, click **Finish**.

Installing QPS Database on Windows — Oracle

You must install and configure Oracle before you can install the QPS Database for Oracle. You can install the QPS Database for Oracle on Windows with the QPS Database installer ("Setup.exe" in the "Installer > Database" folder) or the QPS Server installer ("QPS Server.exe").

➔ See "[Configuring QPS schema for Oracle on Linux](#)" for information about installing the QPS Database for Oracle on Linux.

To install the QPS Database for Oracle:

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer files and then disable your virus detection software before installing.

- 2 Double-click the "Setup.exe" file in the "Installer > Database" folder.

The **Quark Publishing System Database — Setup** dialog box displays.

- ➔ You can also access the **Quark Publishing System Database — Setup** dialog box by double-clicking the "QPS Server.exe" file and then clicking **Install QPS Database**.

- 3 Click **Next**.

The **License Agreement** screen displays.

- 4 Click **I accept the terms in the license agreement** and click **Next**.

The **Database Information** screen displays.

- 5 Choose **Oracle** from the **Select Database Type** drop-down menu, and click **Next**.

A screen for entering your Oracle Database information displays.

- 6 Enter the Oracle Service Name in the **Instance Name** field.

- 7 Enter the password of the database SYS user in the **SYS Password** field.

- 8 Enter the name of the QPS schema that you want to create in the **Schema Name** field.

- 9 Enter the password of the QPS schema in the **Schema Password** field.

- 10 Select the paths for storing data files, index files, and LOB files in the **Destination Folder** for area.

- 11 Click **Next**.

The **Ready to Install the Application** screen displays.

- 12 Click **Install**.

- 13 When the installation concludes, click **Finish**.

Configuring QPS schema for Oracle on Linux

Before setting up the QPS schema, make sure that Oracle software is already installed on the computer with a database on which you will configure your QPS schema. Available on the QPS DVD, the scripts for creating the QPS schema for Oracle do not create the database.

- 1 Open the "Create" folder in the "Oracle" folder.

- 2 To create the QPS schema, run "CreateAndSetup.sh" (Mac OS/Linux) or "CreateAndSetup.bat" (Windows) with the following arguments:

- **SysPwd**: password of the SYS user in the database
- **QPPUser**: name of the QPS schema that you want to create
- **QPPPwd**: password for the QPS schema
- **ServiceName**: Oracle Service Name
- **DataDest**: Path where data files are to be created
- **IdxDest**: Path where index files are to be created

INSTALLING QPS SOFTWARE

- **LobDest:** Path where lob files are to be created

3 The script performs the following:

- Create Tablespaces
- Create Schema/User
- Create Tables
- Create Indexes
- Create Procedures
- Initialize Setup data
- Initialize User data
- Create Foreign Keys
- Create Quartz Schema

4 Although you can use individual scripts provided for each of the tasks listed above, Quark recommends following the prompts and providing information while running "CreateAndSetup.sh" or "CreateAndSetup.bat."

Installing QPS Server

Mac OS

1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer files, and then disable your virus detection software before installing.

➔ You will need to enter a validation code during the installation process.

2 Double-click **QPS Server Installer**.

The **QPS Server** window displays.

3 Click **Install QPS Server**.

The **Authenticate** screen displays. Enter your name and password.

4 Click **Continue**, read the license agreement, click **Next**, and then click **Agree**.

The **Software Verification** screen displays.

5 Enter your validation code and click **Next**.

The **License Server Information** screen displays with your serial number and date of installation.

6 Enter the IP address or hostname of your Quark License Administrator (QLA) computer in the **Host Name or IP Address** field.

7 Enter the port number in the **Port** field.

- 8 If you use a QLA backup server, enter the IP address or hostname and port number in the **Backup Host Name or IP Address** and **Port** fields.
- 9 Click **Next**.
The **Database Information** screen displays.
- 10 The validation code you entered in step 5 corresponds to your database choice, which displays in gray in the **Choose Database** control. The other options vary according to your choice.
 - If you chose to embed an HSQL database and schema, **Default (HSQL DB in embedded mode)** displays in gray.
 - If you chose to use a Microsoft SQL Server database that you have already installed, **SQL Server** displays in gray. Enter the host name, instance name, database user name, and database user password for the Microsoft SQL Server database server. See "[Installing QPS Database on Windows — MS SQL Server](#)" for details.
 - If you chose to use an Oracle database, **Oracle** displays in gray. Enter the host name, instance name, database user name, and database user password for the Oracle server. See "[Configuring QPS schema for Oracle on Linux](#)" for details.
- 11 To run your QPS Server as a service, check **Install Quark Publishing System (Server) as a Service**. Click **Next** to continue with the installation.
The **QuarkXPress Server Information** screen displays.
- 12 Enter your QuarkXPress Server IP address and port number, and then click **Next**.
The **Select Destination** screen displays.
- 13 Choose a location for QPS Server, click **Continue**, and then click **Install**.
The QPS Server console launches after installation.
- 14 You can start the server by clicking **Start QPS Server**.

Windows

To install the QPS Server application:

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer files and then disable your virus detection software before installing.
- ➡ You will need to enter a validation code during the installation process. Your validation code is tied to your database choice (embedded HSQL DB, Microsoft SQL Server, or Oracle).
- 2 Double-click the "QPS Server.exe" file. The **Quark Publishing System Installer** screen displays with three options: **Install QPS XTensions Software for QuarkXPress Server**, **Install QPS Database**, and **Install QPS Server**.
- 3 Click **Install QPS Server**, and then click **Next**.
The **License Agreement** screen displays.

INSTALLING QPS SOFTWARE

- 4 Click **I accept the terms in the license agreement**, then click **Next**.

The **Software Verification** screen displays.

- 5 Enter your validation code and click **Next**.

The **License Server Information** screen displays with your serial number and date of installation.

- 6 Enter the IP address or hostname of your Quark License Administrator (QLA) computer in the **Host Name or IP Address** field.

- 7 Enter the port number in the **Port** field.

- 8 If you use a QLA backup server, enter the hostname or IP address and port number in the **Backup Host Name or IP Address** and **Port** fields.

- 9 Click **Next**.

The **Database Information** screen displays.

- 10 The validation code you entered in step 5 corresponds to your database choice, which displays in gray in the **Choose Database** control. The other options vary according to your choice.

- If your validation code specifies an HSQL database and schema, **Default (HSQL DB in embedded mode)** displays in gray.
- If you chose to use a Microsoft SQL Server database that you have already installed, **SQL Server** displays in gray. Enter the host name, instance name, port number, database user name, and database user password for the Microsoft SQL Server database server. See "[Installing QPS Database on Windows — MS SQL Server](#)" for details.
- If you chose to use an Oracle database, **Oracle** displays in gray. Enter the host name, instance name, port number, database user name, and database user password for the Oracle server. See "[Installing QPS Database on Windows — Oracle](#)" for details.

- 11 Click **Next**.

The **Destination Folder** screen displays.

- 12 For QPS Server Windows Service configuration, choose an option from the **Choose System** drop-down menu.

- To specify local system account control, choose **Local**.
- To specify domain user control, choose **Domain** and enter a domain name, user name, and password.

- ➔ If you choose **Domain**, enter an account name that has administrative rights on the computer.

- 13 Click **Next**.

The **QuarkXPress Server Information** screen displays.

- 14 Enter your QuarkXPress Server IP address and port number and click **Next**.

The **Ready to Install the Application** screen displays.

- 15 Click **Install**.

The QPS Server console launches after installation.

- 16 You can start the server by clicking **Start QPS Server**.

QPS Script Manager

QPS Script Manager enables you to automate QPS Server tasks with scripting. QPS Script Manager is installed in the "ScriptManager" folder in the "QPS Server" application folder. If you want to install QPS Script Manager on another computer, copy the QPS "ScriptManager" folder to the other computer.

As of QPS 8.1, you must be licensed to use Script Manager. If you are, Script Manager is enabled by default.

Installing QPS Connect Client

Mac OS

To install the QPS Connect Client application:

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer files and then disable your virus detection software before installing.
- 2 Double-click the "QPS Connect Client Setup.app" file and follow the instructions on the screen.

➔ You do not need to enter a validation code during the installation process.

Windows

To install the QPS Connect Client application:

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer files and then disable your virus detection software before installing.
- 2 Double-click the "Setup.exe" file and follow the instructions on the screen.

➔ You do not need to enter a validation code during the installation process.

Installing QPS XTensions software

On client computers, you must install QuarkXPress 8.1 and QuarkCopyDesk 8.1 before you run the QPS Connect Client installer. Follow the instructions in the QuarkXPress 8.1 and QuarkCopyDesk 8.1 ReadMe files. Launch the applications to verify a successful installation, and then exit the applications.

The QPS Connect Client installer searches for QuarkXPress 8.1 and QuarkCopyDesk 8.1 on your computer and attempts to install QPS XTensions software in each program's application folder.

- ➔ The QPS Connect Client installer also disables the Dejavu XT XTensions software for QuarkXPress and QuarkCopyDesk. Dejavu XT XTensions software lists recently used files in the **Open** submenu (**File** menu), but it can degrade performance in a QPS environment.

If the QPS Connect Client installer cannot locate your copies of QuarkXPress 8.1 and QuarkCopyDesk 8.1, it copies the XTensions software to the root level of the "QPS Client" folder. If this is the case, use the following procedure to install the QPS XTensions software:

Mac OS

- 1 Exit QuarkXPress 8.1 and QuarkCopyDesk 8.1.
- 2 Open the "XTensions" folder in the "For QuarkCopyDesk" folder at the root level of your "QPS Client" folder and copy the XTensions software files to the "XTensions" folder in your "QuarkCopyDesk 8.1" application folder.
- 3 Move the Dejavu XT XTensions software file from the "XTensions" folder to "XTensions Disabled" folder.
- 4 Open the "Help" folder in the "For QuarkCopyDesk" folder at the root level of your "QPS Client" folder and copy the contents to the "Help" folder in your "QuarkCopyDesk 8.1" application folder.
- 5 Open the "Documents" folder in the "For QuarkCopyDesk" folder at the root level of your "QPS Client" folder and copy the contents to the "Documents" folder in your "QuarkCopyDesk 8.1" application folder.
- 6 Control-click the QuarkCopyDesk application icon, choose **Show Package Contents**, and then open the "Frameworks" folder in the "Contents" folder.
- 7 Open the "Frameworks" folder in the "App" folder in the "For QuarkCopyDesk" folder at the root level of your "QPS Client" folder and copy the contents to the "Frameworks" folder in your QuarkCopyDesk application package.
- 8 Open the "App" folder in the "For QuarkCopyDesk" folder at the root level of your "QPS Client" folder, and replace the files in the "QPPPlugins" folder in the "QuarkCopyDesk 8.1" application folder. For new installations, add the "QPPPlugins" folder to the "QuarkCopyDesk 8.1" application folder.

- 9 Open the "App" folder in the "For QuarkCopyDesk" folder at the root level of your "QPS Client" folder, and replace the files in the "QPSLog" folder in the "QuarkCopyDesk 8.1" application folder. For new installations, add the "QPSLog" folder to the "QuarkCopyDesk 8.1" application folder.
- 10 Open the "XTensions" folder in the "For QuarkXPress" folder at the root level of your "QPS Client" folder and copy the XTensions software files to the "XTensions" folder in your "QuarkXPress 8.1" application folder.
- 11 Move the Dejavu XT XTensions software file from the "XTensions" folder to "XTensions Disabled" folder.
- 12 Open the "Help" folder in the "For QuarkXPress" folder at the root level of your "QPS Client" folder and copy the contents to the "Help" folder in your "QuarkXPress 8.1" application folder.
- 13 Open the "Documents" folder in the "For QuarkXPress" folder at the root level of your "QPS Client" folder and copy the contents to the "Documents" folder in your "QuarkXPress 8.1" application folder.
- 14 Control-click the QuarkXPress application icon, choose **Show Package Contents**, and then open the "Frameworks" folder in the "Contents" folder.
- 15 Open the "Frameworks" folder in the "App" folder in the "For QuarkXPress" folder at the root level of your "QPS Client" folder and copy the contents to the "Frameworks" folder in your QuarkXPress application package.
- 16 Open the "App" folder in the "For QuarkXPress" folder at the root level of your "QPS Client" folder, and replace the files in the "QPPPlugins" folder in the "QuarkXPress 8.1" application folder. For new installations, add the "QPPPlugins" folder to the "QuarkXPress 8.1" application folder.
- 17 Open the "App" folder in the "For QuarkXPress" folder at the root level of your "QPS Client" folder, and replace the files in the "QPSLog" folder in the "QuarkXPress 8.1" application folder. For new installations, add the "QPSLog" folder to the "QuarkXPress 8.1" application folder.

Windows

- 1 Exit QuarkXPress 8.1 and QuarkCopyDesk 8.1.
- 2 Copy all the files and folders from the "For QuarkCopyDesk" folder at the root level of your "QPS Client" folder to the root level of your "QuarkCopyDesk 8.1" application folder.
- 3 Move the Dejavu XT XTensions software file from the "XTensions" folder to "XTensions Disabled" folder.
- 4 Copy all the files and folders from the "For QuarkXPress" folder at the root level of your "QPS Client" folder to the root level of your "QuarkXPress 8.1" application folder.
- 5 Move the Dejavu XT XTensions software file from the "XTensions" folder to "XTensions Disabled" folder.

Making changes after installation

Ensuring access to QuarkXPress Server Manager

If you did not install QuarkXPress Server Manager client from the QPS 8.1 DVD, you must edit the "ManagerConfig.xml" file for the QuarkXPress Server Manager client application to ensure access to QuarkXPress Server Manager of QPS Server with the QuarkXPress Server Manager client application:

- 1 Open the "ManagerConfig.xml" file.

Mac OS: `QuarkXPress Server Manager`

`Client:Contents:Resources:Java:ManagerConfig.xml`

Windows: `QuarkXPress Server Manager Client\ManagerConfig.xml`

- 2 Locate the `<servercontext>` element.
- 3 Replace `<servercontext>/quark/services/qxpsmadmin</servercontext>` with `<servercontext>/qxpsm/services/qxpsmadmin</servercontext>`.
- 4 Save the "ManagerConfig.xml" file and launch QuarkXPress Server Manager client.

Identifying QuarkXPress Server locale

To ensure consistent locale settings, such as formatting for date and numbers, QPS Server must recognize the locale setting for your QuarkXPress Server computer. The locale setting for the QuarkXPress Server computer determines the format for date, time, and numbers.

To specify the QuarkXPress Server computer locale for QPS Server:

- 1 Open the "conf" folder in the QPS Server application folder.
- 2 Open "ServerApp.properties" in a text-editing application.
- 3 Scroll to the "qxps.locale=" entry.
- 4 Enter the locale setting for your QuarkXPress Server computer. Enter `en` for English, `fr` for French, or `de` for German.
- 5 Save and close "ServerApp.properties."

Updating QuarkXPress Server

If you need to move your QuarkXPress Server to a different computer, you don't have to re-install QPS Server. Instead, you can edit the "ManagerConfig.xml" file located in the "conf" folder in the QPS Server application folder.

- 1 Open the "conf" folder in the QPS Server application folder.
- 2 Open the "ManagerConfig.xml" file.
- 3 Locate the `<connectioninfo>` element (`manager/hosts/host/connectioninfo`).
- 4 Change the `<name>` element value to the IP address of the new QuarkXPress Server.

- 5 Change the `<port>` element value to the port number you specified for the new QuarkXPress Server.
- 6 Save the "ManagerConfig.xml" and launch QPS Server.
- 7 To verify the change, search through the "QpsServer.log" file for the line "Successfully registered with QXPS."

Updating a QPS Connect Client installation: Windows

To make changes to QPS Connect Client software after installation:

- 1 Double-click the "setup.exe" file. The **QPS — Setup** dialog box displays.
- 2 Click **Next**. The **Program Maintenance** screen displays.
 - Click **Modify** to choose the QPS Connect Client files to install. You can install new files or remove previously installed files.
 - Click **Repair** to correct minor issues related to QPS Connect Client files. Use this option if you experience issues with missing or damaged QPS Connect Client files, shortcuts, or registry entries.
 - Click **Remove** to uninstall the QPS Connect Client application.
- 3 Click **Next**.

If you clicked **Modify** in the previous dialog box, the **Custom Setup** screen displays. Make the appropriate modifications and then click **Next**. The **Ready to Modify the Program** screen displays. Click **Install**.

If you clicked **Repair** in the previous dialog box, the **Ready to Repair the Program** screen displays. Click **Install**.
- 4 Click **Finish** when the installer notifies you that the process is complete.

Allocating RAM for QPS Server

You can change the amount of memory allocated to your JVM. Quark recommends not exceeding 50 percent of available memory on Mac OS or Windows, and you should not allocate more than 1536 MB on 32-bit computers.

Mac OS

To adjust the amount of memory allocated to QPS Server on Mac OS:

- 1 Stop QPS Server.
- 2 Locate the "ServerStartup.command" file in the "QPS Server" application folder and open it in a text-editing application.
- 3 Search for "java -server -Xmx512m -classpath." "512M" represents 512 MB of RAM allocated to QPS Server.

INSTALLING QPS SOFTWARE

- 4 Adjust the value up to 50 percent of the available memory.
- 5 Save and close "ServerStartup.command," and restart QPS Server.

Windows

On Windows, you can specify memory allocation in different locations, depending on how you start QPS Server.

- 1 Stop QPS Server.
- 2 If you start QPS Server with QPS Server Console or QPS Server Windows service, open the "wrapper.conf" file.
- 3 Search for the "wrapper.java.maxmemory" property.
- 4 Adjust the value up to 1536, unless this exceeds 50 percent of the available memory.
- ➔ On 32-bit computers, you cannot exceed 1536. QPS 8.1 supports 64-bit computers, which allows you to increase the memory to 3072.
- 5 Save your changes and restart QPS Server.
- 6 If you use "Serverstartup.bat," follow the steps below:
- 7 Stop QPS Server.
- 8 Open "ServerStartup.bat" in a text-editing application.
- 9 Search for "java -server -Xmx512m -classpath." "512M" represents 512 MB of RAM allocated to QPS Server.
- 10 Adjust the value up to 1536, unless this exceeds 50 percent of the available memory.
- ➔ On 32-bit computers, you cannot exceed 1536. QPS 8.1 supports 64-bit computers, which allows you to increase the memory to 3072.
- 11 Save your changes and restart QPS Server.

Upgrading QPS software

If you are upgrading to QPS 8.1, check in all your assets before you upgrade QPS Server. You can retain your QPS File Server. Each QuarkXPress project and QuarkCopyDesk article converts to QPS 8.1 format when you check out the asset and check it back in.

If you manage Quark software with Quark License Administrator (QLA), check in your licenses before upgrading.

You must install QPS 7.5 or QPS 8.0 before upgrading to QPS 8.1. To upgrade QuarkCopyDesk and QuarkXPress, refer to the respective ReadMe files for instructions.

Updating QPS XTensions software for QuarkXPress Server

Refer to the *QuarkXPress Server 8.1 ReadMe* for upgrade instructions. Before you upgrade QPS XTensions software for QuarkXPress Server, uninstall the previous versions of QPS XTensions software first. After updating QuarkXPress Server to version 8.1, run the QPS Server 8.1 installer to install XTensions software for QuarkXPress Server.

Updating QPS Server (Mac OS)

If you installed HSQL DB when you installed QPS 7.5 or QPS 8.0, then the QPS Server 8.1 updater automatically updates your HSQL DB database while updating QPS Server.

To update QPS Server to QPS 8.1, perform the following steps:

- 1** To ensure consistency and user availability with an HSQL DB installation before you upgrade to QPS 8.1, stop QPS Server, restart QPS Server, and then stop QPS Server again.
- 2** Exit QPS Server Console and QPS Server StatusMenu.
- 3** Create a backup of your current QPS Server installation folder. In particular, make sure you have copies of your "conf" folder, scripts, database, Quark Job Jackets files, FTS Index files, and log files.
- 4** Double-click **QPS Server Updater**.
The **Authenticate** screen displays. Enter your name and password.
- 5** Click **Continue**.

UPGRADING QPS SOFTWARE

- 6 Enter your QPS 8 validation code and QLA Server details.
- 7 Click **Continue**.
- 8 Click **Quit** when the process concludes.
- 9 Start QPS Server.

Updating QPS Server (Windows)

If you installed HSQL DB when you installed QPS 7.5 or QPS 8.0, then the QPS Server 8.1 updater automatically updates your HSQL DB database while updating QPS Server.

If you selected Microsoft SQL Server when you installed QPS 8.1, then you must run the separate QPS Database updater to update the database.

To update QPS Server to QPS 8.1, perform the following steps:

- 1 To ensure consistency and user availability with an HSQL DB installation before you upgrade to QPS 8.1, stop QPS Server, restart QPS Server, and then stop QPS Server again.
- 2 Exit QPS Server Console and QPS Server StatusMenu.
- 3 Create a backup of your current QPS Server installation folder. In particular, make sure you have copies of your "conf" folder, scripts, database, Quark Job Jackets files, FTS Index files, and log files.
- 4 Double-click the "QPS Server.exe" file and then choose **Install QPS Server**, or double-click the "Setup.exe" file in the QPS Server folder. The installer automatically detects your QPS 7.5 or QPS 8.0 installation and switches to update mode.
- 5 Click **Next**.
- 6 Enter your QPS 8 validation code and QLA Server details.
- 7 Follow instructions on-screen.
- 8 Click **Finish** when the process concludes.
- 9 Start QPS Server.

Updating QPS Database (Windows)

To update QPS Database on Windows:

- 1 On the computer where you installed QPS database, double-click the "Update.exe" file in the "Updater > QPS Server > Database" folder.
- 2 Follow instructions on-screen. When prompted, select the MS SQL Server or Oracle database server on which the QPS database is installed.
- 3 When the update concludes, click **Finish**.

Updating QPS Database (Oracle)

If you use Oracle on Linux for your QPS Database, perform the manual steps described below to update from QPS 8.0 to QPS 8.1.

- 1 Shut down QPS Server.
- 2 Navigate to the "Installer > QPS Server > Database > Oracle > Update" folder on the QPS DVD.
- 3 Copy the "Update" folder from the DVD to the local hard drive on the computer where you installed Oracle. The "Update" folder contains the database update scripts.
- 4 Open the Command Prompt and change the directory to the "Update" folder.
- 5 Execute the "Update.bat" file with following arguments:
 - **SysPwd:** password of the SYS user in the database
 - **QPPUser:** name of the QPS schema
 - **QPPPwd:** password for the QPS schema
 - **ServiceName:** Oracle Service Name

Updating QuarkXPress (Mac OS)

To update QuarkXPress 8.01 to QuarkXPress 8.1, perform the following steps.

- 1 Make sure QuarkXPress is not running.
- 2 Make a copy of the QuarkXPress application folder on your hard drive so that you have a working copy of the software if you encounter issues during the update.
- 3 Make sure the names of the QuarkXPress application folder and the application have not changed since installation.
- 4 Double-click the QuarkXPress Installer file and follow the on-screen instructions.

Updating QuarkXPress (Windows)

To update QuarkXPress 8.01 to QuarkXPress 8.1, perform the following steps.

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer and then disable your virus detection software.
- 2 Make sure QuarkXPress is not running.
- 3 Make a copy of the QuarkXPress application folder on your hard drive so that you have a working copy of the software if you encounter issues during the update.

UPGRADING QPS SOFTWARE

- 4 Make sure the names of the QuarkXPress application folder and the application have not changed since installation.
- 5 Double-click the QuarkXPress Installer file and follow the on-screen instructions.

Updating QuarkCopyDesk (Mac OS)

To update QuarkCopyDesk 8.0 to QuarkCopyDesk 8.1, perform the following steps.

- 1 Make sure QuarkCopyDesk is not running.
- 2 Make a copy of the QuarkCopyDesk application folder on your hard drive so that you have a working copy of the software if you encounter issues during the update.
- 3 Make sure the names of the QuarkCopyDesk application folder and the application have not changed since installation.
- 4 Double-click the QuarkCopyDesk Installer file and follow the on-screen instructions.

Updating QuarkCopyDesk (Windows)

To update QuarkCopyDesk 8.0 to QuarkCopyDesk 8.1, perform the following steps.

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Installer and then disable your virus detection software.
- 2 Make sure QuarkCopyDesk is not running.
- 3 Make a copy of the QuarkCopyDesk application folder on your hard drive so that you have a working copy of the software if you encounter issues during the update.
- 4 Make sure the names of the QuarkCopyDesk application folder and the application have not changed since installation.
- 5 Double-click the QuarkCopyDesk Installer file and follow the on-screen instructions.

Updating QPS Client (Mac OS)

To update QPS Connect Client 8.0 to QPS Connect Client 8.1 on Mac OS, perform the following steps. The update process includes replacing the QPS XTensions software for QuarkXPress and QuarkCopyDesk.

- 1 Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Updater files and then disable your virus detection software before updating.
- 2 Double-click the "QPS Client Updater.app" file and follow the instructions on the screen.

Updating QPS Client (Windows)

To update QPS Connect Client 8.0 to QPS Connect Client 8.1 on Windows, perform the following steps. The update process includes replacing the QPS XTensions software for QuarkXPress and QuarkCopyDesk.

- 1** Disable any virus protection software. If you are concerned about a virus infecting your computer, run a virus check on the Updater files and then disable your virus detection software before updating.
- 2** Double-click the "Update.exe" file and follow the instructions on the screen.

Starting QPS Server

Starting QPS Server is different on Mac OS and Windows. On Mac OS, when the QPS Server installation completes, the **QPS Server Console** displays and you can click **Start QPS Server**. Also, if you install QPS Server as a service or check **Start Automatically When Machine Reboots**, it will start automatically when you restart the QPS Server computer.

Mac OS

To start QPS Server on Mac OS:

- 1 Choose Apple menu > **System Preferences**.
The **System Preferences** window displays.
- 2 Click **QPS Server** under **Other** at the bottom of the **System Preferences** window.
The **QPS Server Console** displays.
- 3 Click **Start QPS Server**.
The **Server Status** field displays **Starting**, followed by **Running**.

Windows

To start QPS Server on Windows:

- 1 Choose **Start > All Programs > QPS Server > QPS Server Console**.
The **QPS Server Console** displays.
- 2 Click **Start QPS Server**.
The **Server Status** field displays **Starting**, followed by **Running**.

Automating QuarkXPress Server and subrenderer restarts

After you install QuarkXPress Server, specify the following parameters to launch QuarkXPress Server with subrenderer monitoring functionality. The QuarkXPress Server master process monitors the subrenderer process and restarts the subrenderer when necessary.

You specify the monitoring intervals with the "-queryinterval" parameter, and the "-noofretries" parameter specifies the number of retries.

Mac OS

- 1 Using a text editing application, open "QuarkXPressServer.config" from the root level of the "QuarkXPress Server" application folder.
- 2 Enter the following: `COMMANDLINE=-subrenders 2 -noui -monitorsubrenders -queryinterval 60 -noofretries 3 -recycle`
- 3 Save "QuarkXPressServer.config."

Windows

- 1 Using a text editing application, open "QuarkXPressServer.config" from the root level of the "QuarkXPress Server" application folder.
- 2 Enter the following: `COMMANDLINE=-subrenders 2 -noui -monitorsubrenders -queryinterval 60 -noofretries 3 -recycle`
- 3 Save "QuarkXPressServer.config."

Uninstalling

Uninstalling QPS Server

Mac OS

To uninstall QPS Server, begin by shutting down QPS Server and exiting QPS Server Console and QPS Server StatusMenu. Then open the QPS Server application folder and double-click **QPS Server Uninstaller**. Follow the instructions on the screen.

Windows

To uninstall QPS Server:

- 1 Stop QPS Server and exit QPS Server Console.
 - 2 Choose **Start > All Programs > QPS Server > Uninstall QPS Server**.
 - 3 Click **Yes**. The uninstaller gathers the information necessary for uninstalling.
 - 4 Click **Yes** to continue or **No** to cancel.
- ➔ The uninstaller concludes automatically without a message.
- ➔ You can also remove QPS Server software by using **Control Panel > Add or Remove Programs**.

Uninstalling QPS Connect Client and QPS XTensions software

Mac OS

To uninstall the QPS Connect Client application:

- 1 Open the "Applications" folder on your hard drive (or the folder in which you installed the QPS Connect Client application) and drag the "QPS Client" folder to the Trash.
- 2 Remove the following folders from the QuarkXPress application folder:
 - QPPPlugins

- QPSLog
- 3** Control-click the QuarkXPress application icon, choose **Show Package Contents**, and then open the "Frameworks" folder in the "Contents" folder.
 - 4** Remove the following files and folders:
 - libFileTransferGatewayConnectors.ub.r.dylib
 - libQppliopBindings.dylib
 - QPPCore.framework
 - QPPPluginInterface.framework
 - QPPServiceProxy.framework
 - QPPUIExtensions.framework
 - QPSXTControls.framework
 - UIAccessLayer.framework
 - 5** Remove the following XTensions software modules from the "XTensions" folder in your QuarkXPress application folder:
 - QPS XT.xnt
 - QCDDImportFilter.xnt
 - Notes.xnt
 - CopyDeskArticleXT.xnt
 - 6** Remove the following folders from the QuarkCopyDesk application folder:
 - QPPPlugins
 - QPSLog
 - 7** Control-click the QuarkCopyDesk application icon, choose **Show Package Contents**, and then open the "Frameworks" folder in the "Contents" folder.
 - 8** Remove the following files and folders:
 - libFileTransferGatewayConnectors.ub.r.dylib
 - libQppliopBindings.dylib
 - QPPCore.framework
 - QPPPluginInterface.framework
 - QPPServiceProxy.framework
 - QPPUIExtensions.framework
 - QPSXTControls.framework

UNINSTALLING

- UIAccessLayer.framework
- 9 Remove the following XTensions software modules from the "XTensions" folder in your QuarkCopyDesk application folder:
- QPS XT.xnt
 - QPSPlaceholdersXT.xnt

Windows

To uninstall the QPS Connect Client application:

- 1 Quit QPS Connect Client.
 - 2 Choose **Start > Programs > QPS Client > Uninstall QPS Client**.
 - 3 Click **Yes**. The uninstaller gathers the information necessary for uninstalling and displays an alert to notify you that the contents of the QPS Connect Client application folder will be deleted.
 - 4 Click **Yes** to continue or **No** to cancel.
- ➔ If you used the QPS Connect Client installer to install QPS XTensions software for QuarkCopyDesk and QuarkXPress, the QPS Connect Client uninstaller also removes these XTensions software modules.

Changes in this version

This section describes new features in this version of QPS.

Enhanced search capabilities

With QPS 8.1, you can:

- Create searches that include other saved searches
- Create hierarchical (nested) search conditions
- Create searches that prompt the user for a value when executed
- Identify shared search owners in parentheses

For more information, see *A Guide to QPS 8.1*.

Enhanced viewing options

QPS 8.1 adds view controls for search results display.

- A new option, **Detailed Thumbnails View**, includes a small thumbnail preview for each asset in its own row, as well as the values from the attribute columns displayed in **List View**.
- Status colors display as a border for each asset in **Thumbnails** view, **Filmstrip** view, and **Detailed Thumbnails View**.
- (*Windows only*): The **Add or Remove Buttons** control allows users to choose which tools to display in the **Search Results** palette.
- You can display asset thumbnails by adding a **Thumbnail** attribute column to a **Search Results** palette.
- To view QuarkXPress projects and their attachments in **List** view in the **Search Results** palette, Control-click/right-click a column header in the **Search Results** palette and choose **Customize Current View**. Click the **Attachments** tab and check **Show Attachments**. When you choose **View > Displays > Name > List View**, the **Search Results** palette includes a disclosure control that displays all assets attached to a project.

CHANGES IN THIS VERSION

Edit attached pictures in QuarkXPress

With QPS 8.1, you can use the Edit Original functionality to check out and edit attached pictures from QuarkXPress. You can also choose **QPS > Check Out Picture** to use the image-editing capabilities in QuarkXPress. After the picture is checked out, it is located in the folder you specified for storing checked-out files (**QuarkXPress/Edit > Preferences > QPS > General**).

On Mac OS, you can double-click a box that contains an attached picture to display the **Edit Original** dialog box and check out the picture in the background. On Mac OS and Windows, you can Control-click/right-click a picture box that contains an attached picture and choose **Edit Original** from the context menu.

After you save and close the picture in your image-editing application, you can check in the image to update QPS Server and continue working on the QuarkXPress project.

If you choose **QPS > Check Out Picture**, you can choose **Window > Picture Effects** to display the **Picture Effects** palette and apply QuarkVista effects (if the QuarkVista XTensions software is installed).

➔ Whether you use **Edit Original** or **QPS > Check Out Picture**, you must check in the picture or save a revision to update QPS Server.

You can also choose **QPS > View Picture Revisions** to view revisions of the image or revert to a previous version.

Maintain geometry in detached articles

You can specify a preference to retain the geometry of a QuarkCopyDesk article when you detach the article from a QuarkXPress layout. Choose **QuarkXPress/Edit > Preferences**, click **General** under Quark Publishing System, click the **General** tab, and check **Retain Geometry on Article detach**.

QPS Web Hub enhancements

You can use QPS Web Hub 8.1 with Mozilla Firefox 3.0.x on Mac OS or Windows, Internet Explorer 7.x, Internet Explorer 8.x, Safari 3.1.x or 3.2.x for Mac OS, or Google Chrome on Windows.

Features introduced in QPS Web Hub 8.1:

- Check out any QPS asset (except QuarkXPress projects).
- Use a contextual menu to select QPS options for an asset.
- Drag column headers to reposition columns in the search results display.
- View an article's component hierarchy.

- Duplicate and delete assets.
- View revision information for assets.
- Revert to previous revisions of assets.
- View attachment information for assets.
- Check in articles based on QuarkCopyDesk templates.
- Create, edit, and delete notes in articles.
- Use the Get as Adobe® Flash® feature to generate SWF (Adobe Flash) versions of projects.

Features introduced in QPS Web Hub 8.0:

- Create, rename, and delete components.
- Create subcategory articles that include style sheets based on Job Ticket information stored on QPS Server.
- Use the Rubi and Group Character typographic features in East Asian articles.
- Use the Get Original feature.
- Use the Get as PDF feature

License changes

As of QPS 8.1, QPS Web Hub connections are no longer identified as such. Instead, they are considered standard client connections.

As of QPS 8.1, you must be licensed to use Script Manager. If you are, Script Manager is enabled by default.

Enhanced QuarkCopyDesk page pictures

When a QuarkXPress user creates a QuarkCopyDesk article assignment, the **Quality** drop-down menu in the **Check In** dialog box includes the following three screen-resolution options for page pictures: **72 dpi**, **144 dpi**, and **200 dpi**. The user's choice becomes the default value for the next QuarkCopyDesk article assignment.

➔ This feature was introduced in QPS 8.0.

Double-click to check in asset

If you choose **Check Out** in the **Mouse Settings** tab of the **Preferences** dialog box, double-clicking a checked-out asset in a **Search Results** palette displays the **Check In** dialog box.

CHANGES IN THIS VERSION

Enhanced template controls

Features introduced in QPS Web Hub 8.1:

- You can assign a set of boxes from a QuarkXPress layout as a QuarkCopyDesk template.

Features introduced in QPS Web Hub 8.0:

- When you check out a QuarkCopyDesk article template or QuarkXPress project template, the resources are preserved. A dialog box lets you create an asset based on the template or check out the template to update the template resources and check in the asset as a template again. If you create an asset to check in, you must have the privilege to check in new assets.
- You can create a QuarkCopyDesk article template when you create an article assignment from QuarkXPress by choosing **QuarkCopyDesk Template** from the **Format** drop-down menu in the **Check In** dialog box. The page geometry, number of components, and resources are included in the article template.
- You can create a QuarkXPress project template when you check in a new project from QuarkXPress by choosing **Project Template** from the **Format** drop-down menu in the **Check In** dialog box.

Enhanced drag-and-drop functions

You can use enhanced drag-and-drop functions in QPS 8.1. To create a new box to contain the content when you drag a text or picture asset from a **Search Results** palette, press Option/Alt while dragging. To override the content of an existing box when you drag a text or picture asset from a **Search Results** palette, press Command/Ctrl while dragging and release the mouse over the box. Pressing Option/Alt before dragging also allows you to replace a picture with text, replace text with a picture, or add content to a None box.

Enhanced user management with LDAP

QPS 8.1 supports multiple search bases in a single Lightweight Directory Application Protocol (LDAP) realm. QPS 8.1 also supports three kinds of authentication for authenticating the imported LDAP users with the Directory Server.

LDAP: Support for multiple search bases

QPS Server can be configured to search within multiple search bases of a realm while importing LDAP users in QPS 8.1. LDAP support in earlier versions of QPS was limited to a single search base within a realm.

If your LDAP Directory Server distributes users in multiple search bases in the same realm, follow the steps below to configure QPS Server for importing those users.

- 1 Open "LdapTemplates.xml" in the "conf" folder at the root level of the "QPS Server" folder. "LdapTemplates.xml" contains two `<entry key=>` options. If you have one search base

in the realm to import users from, use the `INDIA.FOO.COM` entry key as an example to configure the LDAP settings and delete the `INDIA.BAR.COM` entry key. If you have multiple search bases in a realm to import users from, delete the `INDIA.FOO.COM` entry key and use the `INDIA.BAR.COM` entry key as an example to configure the LDAP settings.

- 2 To enable QPS Server to search within multiple search bases of a realm, scroll to the second `<entry key=>` option. The second `<entry key=>` option includes a `<list>` tag that contains separate `<bean class=>` tags for specifying different search bases within the realm.
- 3 Update the search base values in the first `<bean class>` tag.
- 4 Update the search base values in the second `<bean class>` tag.
- ➔ To specify additional search bases within a realm, copy and paste the `<bean>` tags in "LdapTemplates.xml."
- ➔ To configure and import users from multiple LDAP realms, add an entry key corresponding to each realm.
- 5 Save and close "LdapTemplates.xml."

LDAP: Multiple authentication options

In earlier versions of QPS, LDAP support was limited to Kerberos authentication. QPS 8.1 supports the following three mechanisms for authenticating the imported LDAP users with the LDAP Directory server:

- Kerberos (default)
- Digest-MD5
- Simple authentication (to support obsolete directory services)

To change the default settings from Kerberos to Simple or Digest-MD5 authentication:

- 1 Open the "conf" folder in the QPS Server application folder.
- 2 Open "LdapConfig.properties" in a text-editing application.
- 3 Scroll to the "config.context=Kerberos" entry.
- 4 Change "Kerberos" to "Simple" or "Digest-MD5."
- 5 Open the "conf" folder in the QPS Server application folder and open "login.config" in a text-editing application.
- 6 Scroll to "Simple" or "Digest-MD5" and modify the "ldap.server.url" entry to specify the hostname and port number of your LDAP Directory server.

Last-minute changes

The following information became available after the documentation was completed.

- QPS Server now uses Tomcat 6.0.18.
- You must enable cookies in your Web browser for QPS Web Hub to work correctly.
- When configuring QPS Server, set the `jobjackets.path` value in the `[TOMCAT_HOME]/qps/conf/ServerApp.properties` file to the path of the directory where Job Jackets® files are stored.

Deploying in external Tomcat

➔ The instructions below supercede the instructions in the *QPS 8 System Administrator Guide*.

QPS Server requires JVM 1.5.x or 1.6.x and Apache Tomcat 6.0.18 to be configured as a Web server.

To install QPS Server in an existing Tomcat configuration, you must manually copy files from a separate folder of QPS Server files called "Server (External Web Container)" and referred to as "QPS_BUILD" in these instructions. The existing Apache Tomcat installation folder in the steps below is called "TOMCAT_HOME."

To deploy QPS Server in an external Tomcat installation:

- 1 Copy the `[QPS_BUILD]/qps` folder to the `[TOMCAT_HOME]` folder.
- 2 Copy the contents of the `[QPS_BUILD]/webapps` folder to the `[TOMCAT_HOME]/webapps` folder.
- 3 If a `[TOMCAT_HOME]/endorsed` folder does not exist, create this folder.
- 4 Copy the contents of the `[QPS_BUILD]/endorsed` folder to the `[TOMCAT_HOME]/endorsed` folder.
- 5 In the `[TOMCAT_HOME]/conf/catalina.properties` file, configure `shared.loader` as follows:

```
shared.loader=${catalina.home}/qps/conf,${catalina.home}/qps/lib/*.jar
```
- 6 In the `[TOMCAT_HOME]/qps/conf/ServerApp.properties` file:

- Enter the `webServer.port` value you configured for Tomcat (8080, for example).
 - Set the `webServer.embeddedWebContainer` value to `false`.
- 7** In the `[TOMCAT_HOME]/qps/conf/ManagerConfig.xml` file:
- Enter the IP address or hostname of the QuarkXPress Server in the `<name>` element of the `<connectioninfo>` section.
 - Enter the port for QuarkXPress Server in the `<port>` element.
- 8** In the `[TOMCAT_HOME]/qps/conf/Qla.properties` file, set the host name, port number, and serial number of your instance of QLA Server.
- Enter the IP address or hostname of the QLA Server in the `QlaServer.machinename=` field.
 - Enter the port number of the QLA Server in the `QlaServer.port=` field.
 - If you have a backup QLA server, enter the IP address (or hostname) and port number in the `Backup.QlaServer.machinename=` and `Backup.QlaServer.port=` fields.
 - Enter the QPS serial number in the `Qla.SerialNumber=` field. The QLA Server Console and QLA Client applications display your QPS serial number.
- 9** Set the `CATALINA_OPTS` environment variable:
- On Mac OS®, launch Terminal and set the following:


```
export CATALINA_OPTS=-Djava.security.krb5.conf=./qps/conf/krb5.conf
-Doracle.jdbc.J2EE13Compliant=true
```
 - On Windows, set the following from the command prompt:


```
set CATALINA_OPTS=-Djava.security.krb5.conf=./qps/conf/krb5.conf
-Doracle.jdbc.J2EE13Compliant=true
```
- 10** Make sure QuarkXPress Server is running.
- 11** Launch the "startup.sh" shell file on Mac OS or the "startup.bat" batch file on Windows (stored in the `TOMCAT_HOME/bin` folder). QPS Server starts when the QPSWebServices Web application loads.
- 12** Launch a supported Web browser.
- To confirm QPS Web Hub access, enter `http://[machineName]:[webServerPort]/WebHub` in your browser's address field.
 - To confirm QPS Web Console access, enter `http://[machineName]:[webServerPort]/WebConsole` in your browser's address field.

LAST-MINUTE CHANGES

- ➔ QuarkCopyDesk®, QuarkXPress, QPS Connect Client, and QPS Script Manager connect to QPS Server through the default ports. Only the QPS Server Web applications (such as QPS Web Hub and QPS Web Console) are accessible on the Tomcat server port.

Search notification evaluation settings

- ➔ Follow the instructions below *in addition to* the instructions in "Modifying search notification evaluation settings" in the *QPS 8 System Administrator Guide*.

To configure JMS topology for query notification, adjust the `query.notification.topicPerSession` property. To emulate the behavior of versions of QPS prior to 8.1, set this value to `false`.

Known and resolved issues

For lists of known issues and issues resolved in this version of the software, visit the Quark Web site at www.quark.com or euro.quark.com.

Contacting Quark

If you have questions about installing, configuring, or using this software, please contact Quark Inc.

In the Americas

For enterprise product technical support (QPS and QuarkXPress Server), please call 800.788.0045 between 7:00 a.m. and 6:00 p.m. Mountain Time, Monday through Friday, or send an e-mail message to enterprisesupport@quark.com.

For desktop product technical support (QuarkXPress and QuarkCopyDesk®), please visit the Quark Web site at www.quark.com. Live online chat is available between 12:00 a.m. Monday and 11:59 p.m. Friday (Mountain Time), or send an e-mail message to techsupp@quark.com.

For product information, please visit the Quark Web site at www.quark.com, or send an e-mail message to cservice@quark.com.

Outside the Americas

Technical support is available by phone between 8.30 and 17.30 Central European Time, Monday to Friday, or by sending an e-mail message to eurotechsupp@quark.com.

From Austria, Belgium, Denmark, France, Germany, Ireland, Luxembourg, The Netherlands, and the United Kingdom, please call 00800 1787 8275.

From all other countries outside the Americas, please call +41 32 720 14 14.

For enterprise product technical support (QPS and QuarkXPress Server), please call (00) 800-2505-2606 between 8:30 a.m. and 5:30 p.m. (CET) (GMT+1), or send an e-mail message to enterprisesupport@quark.com.

For product information, please visit the Quark Web site at euro.quark.com, or send an e-mail message to eurocservice@quark.com.

In Australia

For technical support, please call 1 800.670.973 between 10:00 a.m. and 7:00 p.m. Sydney Time (AEST), Monday through Friday, or send an e-mail message to austechsupp@quark.com.

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