QuarkXPress Server 8.5 ReadMe

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QuarkXPress® Server is a high-fidelity content-composition and rendering server application. It is built on multiple technologies derived from QuarkXPress. Through a network connection and a browser, QuarkXPress Server can return rendered versions of QuarkXPress pages in a variety of formats. This document provides information about QuarkXPress Server software.

System requirements

System requirements: Mac OS

Software

- Mac OS® X Server 10.4.11 minimum
- Java J2SE™ Runtime Environment (JRE™) 1.5.x or 1.6.x

Hardware

- Any state-of-the-art workstation or server system

System requirements: Windows

Software

- Microsoft® Windows® Server 2003 or 2008 (Windows XP, Windows Vista®, and Windows 7 can be used for development, but are not recommended for production deployment)

Hardware

- Any state-of-the-art workstation or server system

Installing QuarkXPress Server

The topics below describe how to install QuarkXPress Server.

Installing: Mac OS

To install 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 file and then disable your virus detection software.

2 Double-click the Installer icon and follow the instructions on the screen.

3 When prompted, enter the validation code.

➡ Do not discard the validation code. You will need it if you have to reinstall.

4 In the **User Information** screen, enter your name and company name, and click **Continue**.

➡ The **User Information** screen also displays your QuarkXPress Server software serial number.

5 In the **QLA License Server Details** screen, enter the IP address and port number of the main Quark® License Administrator (QLA) server in the **License Server IP Address** and **License Server Port Number** fields. Optionally, enter the IP address and port number of a backup QLA server in the **Backup Server IP Address** and **Backup Server Port Number** fields.

6 In the **Port and Folder Settings** screen:

• Check **Enable HTTP Interface** to enable the built-in HTTP 1.0 server of QuarkXPress Server, and enter a value in the **Port** field. The default value is 8080.

• Check **Enable the File System Document Pool** to designate the document pool for QuarkXPress Server. If **Enable the File System Document Pool** is checked, you can click **Browse** to navigate to a folder. Selecting that folder designates it as the document pool folder.

- Check **Enable Logging** to enable error and transaction logging. If **Enable Logging** is checked, you can click **Browse** to navigate to a folder. Selecting that folder designates it as the log folder.

- Check **Create Preferences in Application Folder** to have QuarkXPress Server create its preferences files in the QuarkXPress Server application folder. Otherwise, preferences are created at the following location:
  `[drive]:Users:[username]:Library:Preferences:Quark`.

➡ QuarkXPress Server creates a "Preferences" folder for each subrenderer. For example, if you have four subrenderers, QuarkXPress Server creates a master "Preferences" folder and four "Preferences" folders for the subrenderers (that is, "Preferences," "Preferences sub1," "Preferences sub2," "Preferences sub3," and "Preferences sub4").

7   In the **Install As Service** screen, enter the number of subrenderers you want to run. The number of available subrenderers is determined by the QLA license file. If you leave this field blank, one subrenderer is assumed.

➡ The installer creates a file named "QuarkXPressServer.config" at the root level of the QuarkXPress Server application folder. This file contains the startup parameters for QuarkXPress Server, including the number of subrenderers you want to launch.

8   Also in the **Install As Service** screen, you can check **Install QuarkXPress Server as a Service**. If you check this box, you will not have a user interface for modifying QuarkXPress Server.

9   Click **Continue**. The **Select a Destination** screen displays the drive where QuarkXPress Server will be installed.

➡ By default, the installer installs QuarkXPress Server in the "Applications" folder.

10 The **Installation Type** screen provides two options from the same button: **Customize** and **Easy Install**. If you click **Customize**, you can selectively install the application, XTensions software files, and color files, and you can select a different installation location. The **Customize** button changes to **Easy Install**. If you click **Easy Install**, the installer installs all QuarkXPress Server files.

Installing: Windows

To install 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 file and then disable your virus detection software.

2   Double-click the Installer icon and follow the instructions on the screen.

If you already have an installation of QuarkXPress Server on Windows, you can replace, repair, or modify the software, or you can install a new instance. For more information, see *Existing QuarkXPress Server instance on Windows*.

3   When prompted, enter your name and company name.

4   Enter the validation code.

➡ Do not discard the validation code. You will need it if you have to reinstall.

5   When the **License Administrator Service** screen displays, enter the IP address and port number of the main Quark License Administrator (QLA) server in the **License Server IP Address** and **License Server Port Number** fields. Optionally, enter the IP address and port number of a backup QLA server in the **Backup Server IP Address** and **Backup Server Port Number** fields.

6   When the **Port and Folder Settings** dialog box displays:

• Check **Enable HTTP Interface** to enable the built-in HTTP 1.0 server of QuarkXPress Server. Enter a value in the **Port** field. The default value is 8080.

• Check **Enable File System Document Pool** to designate the document pool for QuarkXPress Server. If **Enable File System Document Pool** is checked, you can click **Browse** to navigate to a folder. Selecting that folder designates it as the document pool folder.

• Check **Enable Logging** to enable error and transaction logging. If **Enable Logging** is checked, you can click **Browse** to navigate to a folder. Selecting that folder designates it as the log folder.

• Check **Create Preferences in Application Folder** to have QuarkXPress Server create its preferences files in the QuarkXPress Server application folder. Otherwise, QuarkXPress Server creates preferences files at the following location:

Windows 2003 and Windows XP: `[boot drive]:\Documents and Settings\[User Name]\Application Data\Quark`

Windows 2008 and Windows Vista when QuarkXPress Server is running as a service under a local system user account: `C:\ProgramData\Quark\QuarkXPress Server 8\Preferences`

Windows 2008 and Windows Vista when QuarkXPress Server is running normally or as a service under a domain user account:
`C:\Users\Administrator\AppData\Local\Quark\QuarkXPress Server 8`

7   Click **Next**.

The next screen displays the drive and folder where QuarkXPress Server will be installed. To install QuarkXPress Server elsewhere, click **Browse** and navigate to the desired folder.

8   Insert the number of available subrenderers that you require QuarkXPress Server to run by default.

9 If you check **Install QuarkXPress Server as a Service**, you can choose **Local** or **Domain** from the **Choose System** drop-down menu. If you choose **Domain**, enter values in the **Domain**, **User**, and **Password** fields.

10 When the **Select Setup Type** screen displays, you can click **Complete** to install all QuarkXPress Server files. Alternatively, you can click **Custom** to selectively install the XTensions software files, color files, and language dictionary files.

11 When the installation completes, click **Finish**. An alert indicates that default security settings will prohibit applications from uploading new templates/images to the QuarkXPress Server document pool.

12 To enable file uploading, click **Yes**. The installer adds QuarkXPress Server to the exceptions list in the **Exceptions** tab of the **Windows Firewall** dialog box.

Existing QuarkXPress Server instance on Windows

If you already have QuarkXPress Server installed, you can install a new instance of the software, or you can replace or modify your QuarkXPress Server installation.

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

2 Double-click the Installer icon and follow the instructions on the screen.

If you already have an installation of QuarkXPress Server on Windows, the **Existing Installed Instances Detected** screen displays with three options:

- **Install a new instance of this application**

- **Maintain the instance of application selected below**

- **Uninstall the instance of application selected below and install a new instance of version 8.1**

3 If you click **Install a new instance of this application**, you can retain your existing QuarkXPress Server installation and create a new instance. Follow the installation procedures described above until you successfully install QuarkXPress Server.

4 If you click **Maintain the instance of application selected below** in the **Existing Installed Instances Detected** screen, click **Next**.

The **Preparing Setup** screen displays, followed by the **QuarkXPress Server Setup Maintenance program Welcome** screen.

- Click **Modify** to choose new program features to add or to choose currently installed features to remove.

- Click **Repair** to reinstall all program features installed by the previous setup.

- Click **Remove** to remove all installed features.

5 When the **Maintenance Complete** screen displays, click **Finish**.

6   If you click **Uninstall the instance of application selected below and install a new instance of version 8.1** in the **Existing Installed Instances Detected** screen, the installer removes the selected instance of QuarkXPress Server and install a new instance.

7   Click **Finish** when the process completes.

Installing QuarkXPress Server Manager

QuarkXPress® Server Manager coordinates rendering requests in a multiple QuarkXPress Server instance environment, using load-balancing, fail-safe, and caching capabilities to determine which server in the pool can best process each document request. If the first QuarkXPress Server instance in an array is unable to process a render request, QuarkXPress Server Manager sends the request to another instance. QuarkXPress Server Manager also provides an object-oriented programming environment for working with QuarkXPress Server, and it exposes a set of Web services and Web objects that can be used in any SOAP-compatible environments such as .NET, JavaScript™, and Java™.

The QuarkXPress Server Manager installation includes three primary components:

- QuarkXPress Server Manager Server (the server application that provides services for load-balancing, fault-tolerance, and the SOAP server that allows third-party communication with QuarkXPress Server instances through Web services)

➡ By default, the QuarkXPress Server installer also installs an Apache® Tomcat Web Application Server that hosts the QuarkXPress Server Manager Server application.

- QuarkXPress Server Manager Client (a Java application that provides a user interface for configuring QuarkXPress Server)
- QuarkXPress Server Manager Scripting Environment (a tool for managing, running, and scheduling server-side JavaScripts written using the QuarkXPress Server Manager Web Services APIs)

➡ Installation instructions for QuarkXPress Server are included in the QuarkXPress Server ReadMe file.

Installing: Mac OS

The QuarkXPress Server Manager installer lets you install the QuarkXPress Server Manager server, the QuarkXPress Server Manager client, and the QuarkXPress Server Manager Scripting Environment.

➡ You must uninstall the previous version of QuarkXPress Server Manager before installing this version. See "*Uninstalling*" for more information.

To install QuarkXPress Server Manager:

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

2 Double-click the Installer icon and follow the instructions on the screen.

3 When the **Installation Type** screen displays, do one or all of the following things:

• To install the QuarkXPress Server Manager server, check **QuarkXPress Server Manager Server**, enter a port number for the QuarkXPress Server Manager server's Tomcat server in the **Tomcat Port Number** field, and then specify a cache folder location. (The cache folder will store temporary copies of content generated by the QuarkXPress Server instances that are managed by this QuarkXPress Server Manager server.)

• To install the QuarkXPress Server Manager client, check **Client**.

• To install the QuarkXPress Server Manager Scripting Environment, check **Script Manager**.

➡ To use QuarkXPress Server Manager, you must install both the client application and the server application. You can install the client applications on an administrator's computer for remote configuration or on the server computer for local configuration.

Installing: Windows

To install QuarkXPress Server Manager:

➡ You must uninstall the previous version of QuarkXPress Server Manager before installing this version. See "*Uninstalling*" for more information.

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

2 Double-click the Installer icon and follow the instructions on the screen.

3 When the **Installation Type** screen displays, do one or all of the following things:

• To install the QuarkXPress Server Manager server, check **Server**, enter a port number for the QuarkXPress Server Manager server's Tomcat server in the **Tomcat Port Number** field, and then specify a cache folder location. (The cache folder will store temporary copies of content generated by the QuarkXPress Server instances that are managed by this QuarkXPress Server Manager server.)

• To install the QuarkXPress Server Manager client, check **Client**.

- To install the QuarkXPress Server Manager Scripting Environment, check **Script Manager**.

To use QuarkXPress Server Manager, you must install both the client application and the server application. You can install the client applications on an administrator's computer for remote configuration or on the server computer for local configuration.

Introduction to QLA Server

QLA Server is the software component that issues licenses to the Quark application clients. After you install Quark License Administrator Server, download your license file from the Quark Web site. The server can be any computer on the network that meets the minimum system requirements. The server monitors license usage over the network and grants licenses to the client computers.

QLA clients are the computers on which Quark applications are installed — for example, QuarkXPress, Quark Publishing System® (QPS®), or QuarkXPress Server software. When a user attempts to launch a Quark application on a client computer, the client sends a request to the QLA Server. The server, which is always listening for requests, determines whether there is an available license. If there is, then the server grants a license and the client computer can launch the Quark application. If no licenses are available, the server does not grant a license. When this occurs, the Quark application does not launch.

In the QLA Control Panel application, the **Configuration Options** tab lets you specify how QLA monitors licenses. This tab includes the **Server Configuration** area and the **Extended Check-out Configuration** area. In the **Server Configuration** area:

- The **Heartbeat Interval (Seconds)** value lets you specify the number of seconds between attempts by the client to reach the server. If a Quark application fails to successfully connect to the server within this time, then that application automatically attempts to reconnect.

- The **Heartbeat Retries** field lets you specify the number of times a client can attempt to make a connection before reporting a connection failure.

  For example: If the **Heartbeat Interval (Seconds)** value is 3600 (one hour) and the **Heartbeat Retries** value is 10, the system waits 10 hours before failing. If the client is able to successfully connect with the server on or before the tenth attempt, outstanding licenses are restored. If not, the application checks in all allocated licenses.

Uninstalling

➡ If the uninstaller detects a running instance of the application, an alert displays. Close the application before you begin to uninstall.

Uninstalling: Mac OS

To uninstall QuarkXPress Server Manager, open the "Applications" folder on your hard drive (or the folder in which QuarkXPress Server Manager was installed) and drag the QuarkXPress Server Manager folder to the trash.

Uninstalling: Windows

To uninstall QuarkXPress Server Manager:

1 Choose **Start > All Programs > QuarkXPress Server Manager 8 > Uninstall**.

2 Click **Yes**. The uninstaller gathers the information necessary for uninstalling and then an alert displays to notify you that the contents of the QuarkXPress Server Manager application folder will be deleted.

3 Click **Yes** to continue or **No** to cancel.

Changes in this version

This version of QuarkXPress Server is a maintenance release that fixes several customer-reported issues.

Known and resolved issues

For lists of known issues and resolved issues in this version of the software, visit the Quark Web site at *www.quark.com*, *euro.quark.com*, or *japan.quark.com*. Product documentation, including lists of known and resolved issues, is available under **Support > Product Documentation**.

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

English 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 *enterprisesupport@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:

- Belgium: 0800.77.296
- France: 0800.91.3457
- Germany: 0800.180.0101
- Ireland: 1800.55.0241
- Italy: 800.87.4591
- Japan: 00531.13.1492
- Luxembourg: 8002.3861

CONTACTING QUARK

- Norway: 800.1.4398

- Spain: 900.941.328

- Sweden: 020.790.091

- Switzerland: 0800.55.7440

- United Kingdom: 0808.101.7082

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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