



QuarkXPress Server 7.21 ReadMe

QuarkXPress® Server is a high-fidelity content-composition and rendering server application. It is built on multiple technologies derived from QuarkXPress. When provided with a network connection and a browser as the input device, QuarkXPress Server can return rendered versions of QuarkXPress pages in a variety of formats.

This document provides information about QuarkXPress Server software.

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Introduction

This version of QuarkXPress Server includes numerous fixes and enhancements. For a list of issues resolved in this version of the software, visit the Quark® Web site at www.quark.com or euro.quark.com.

NOTE The installers for both QuarkXPress Server and QuarkXPress Server Manager are included on a single DVD. Installation instructions are included in the ReadMe files.

System requirements

Mac OS

Software

- Mac OS® X 10.4 Server (Mac OS X 10.4 Client minimum)
- Java™ J2SE™ Runtime Environment (JRE™) 1.5

NOTE Mac OS X 10.4 client is supported but not recommended for heavy production environments.

Hardware

- Quad-core Mac Pro™ or Xserve™ system minimum
- 8GB RAM minimum
- 150 GB available hard disk space minimum
- TCP/IP network

NOTE PowerPC® systems are supported but not recommended.

Windows

Software

- Windows® 2003 Server (Windows XP minimum)

NOTE Windows XP is supported but not recommended for heavy production environments.

NOTE On Mac OS and Windows, the size of the QuarkXPress Server document pool (when used with a file server subsystem) determines the required hard disk space. Because disk input and output is a critical part of the system, your disk subsystem should be as fast as possible.

NOTE If QuarkXPress Server will be generating large numbers of PDF files, a RAID 0 setup of two or more hard disks will increase system throughput. (Remember that RAID 0 is not fault-tolerant, so even with a RAID 0 setup you will need to perform frequent backups.)

Hardware

- Intel® or AMD dual-core processor for 3 or fewer subrenderers; Intel or AMD quad-core processor for heavy loads with 4 or more subrenderers
- 4GB RAM minimum
- 150MB hard disk space minimum
- TCP/IP network

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.

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

4 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.

5 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, and 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, preferences are created here: `[drive]:Users:[username]:Library:Preferences:Quark`
- 6** The **Destination Folder** 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.
- 7** When the **Install as Service** screen displays, you can check **Install QuarkXPress Server as a Service**. If you choose this option, you can enter the number of subrenderers that you require. The number of available subrenderers is determined by the license file.

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.

3 When prompted, enter the validation code.

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

4 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.

5 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, and 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, preferences are created here: `[boot drive]:\Documents and Settings\All Users\Application Data\Quark`

6 The **Destination Folder** 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.

7 When the **Install as Service** screen displays, you can check **Install QuarkXPress Server as a Service**. If you choose this option, you can enter the number of subrenderers that you require. The number of available subrenderers is determined by the license file.

Updating

NOTE To use this Updater, you must have QuarkXPress Server 7.2 installed.

To update QuarkXPress Server 7.2 to this version:

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

Introduction to QLA

QLA Server is the software component that issues licenses to the Quark application clients. After you install Quark License Administrator Server, you 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 Digital Media Server (QuarkDMS®), 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 will monitor 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, 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

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

Mac OS

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

Windows

To uninstall QuarkXPress Server:

- 1 Choose **Start > All Programs > QuarkXPress Server or QuarkXPress Server > 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 application folder will be deleted.
- 3 Click **Yes** to continue or **No** to cancel.

New and enhanced feature information

This section lists new and improved features included in this version of the software.

Updater

An updater is now available for QuarkXPress Server.

NOTE To use this Updater, you must have QuarkXPress Server 7.2 installed.

Subrenderer monitor

The master QuarkXPress Server process can now monitor subrenderers without running separate Java QuarkXPressServerMonitor and XPressServerShadow processes. To use the subrenderer monitoring feature, use the following command line parameters:

```
-monitorsubrenders -queryinterval 10  
-noofretries 3 -recycle
```

If a subrenderer process has been attempting to fulfill a request for the specified number of retries (with the specified query interval in seconds between retries), the subrenderer monitor recycles that process.

Windows only: If the "recycle" parameter is not supplied, the sub-renderer monitor performs a periodic memory check on all subrenderer processes. If the memory used by a subrenderer process does not change within the specified number of retries with the specified query interval, that process is recycled.

Directing requests to subrenderers

You can now direct rendering requests to particular subrenderers in base URL requests. To direct a request to a particular subrenderer, include the optional "subrenderer" parameter in a URL request, and set it to the number of the target subrenderer (where 1 is the first subrenderer). For example, to send a request to the third subrenderer, you could use a URL like the following:

```
http://server:port/docname.qxp?subrenderer=3
```

If this parameter is not provided, the request is sent to any available subrenderer.

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 technical support, please call 800.676.4575 between 7:00 a.m. and 5:00 p.m. Mountain Time, Monday through Friday, 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 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 1800.670.973 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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