

JobQue/X 1.10 Release Notes **HP-UX, AIX, Solaris, Linux, Windows**



JobQue/X™ Release Notes (HP-UX, AIX, Solaris, Linux, Windows)

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These release notes describe JobQue/X 1.10's functions and capabilities, along with its new, updated features and system requirements.



Note: The installation instructions for JobQue/X are described in the *JobQue/X Installation Guide*.

Overview

JobQue/X is a software utility designed to help automate batch job scheduling and eliminate the need for manual intervention. The JobQue/X server runs on an HP-UX, AIX, Solaris, Linux or Windows computer, while the client programs are designed to run on a Windows computer only.

JobQue/X can control normal production runs and manage customized job queues and calendars. The program runs jobs automatically on any day and at any time, with dependencies that can be customized to suit the needs of the user.

The JobQue/X software includes one data component and six separate client programs. They are listed below:

- JobQue/X Server software (data component)
- Schedule Administration client program
- Scheduler Communications client program
- SCOM client program
- Scheduler Communications web interface
- Submit client program
- Reporting client program

The Schedule Administration program is used to create and manage the various job queues and calendars. The Scheduler Communications program is an easy to use, menu-driven

interface that provides JobQue/X's on-line management. The SCOM program also provides complete JobQue/X on-line management, but features a command line interface. The Scheduler Communications web interface makes the Scheduler Communications program accessible from the Internet. The Submit program is used to submit a job to JobQue/X so that it can be integrated into JobQue/X's scheduling operations. The Reporting program is used to create various types of reports that either list the schedules JobQue/X plans to run or the calendar dates in effect.

Main Features

Here is a list of JobQue/X's main features:

- The Schedule Administration program creates and manages customized job queues and calendars.
- The Windows-based Scheduler Communications program, the SCOM program, and the Scheduler Communications web interface all allow JobQue/X system and job management from a single location.
- Job starting based on time or job completion eliminates the need for manual intervention and offers total control over the timing of jobs.
- Job or schedule dependencies provide total control over job starting even within a networked environment.
- Between system dependencies allows schedules to control jobs running on networked JobQue/X systems.
- Unlimited number of calendars or schedules eliminates scheduling limitations.
- CPU prioritizing provides flexible startup options and resource allocation.
- Changing schedules on the fly without recycling the software reduces down time.
- Real-time monitoring and maintenance of schedules provides control over starting and stopping the main schedule, when to complete an active or pending schedule, and printing the schedule.
- Shared log files amongst networked JobQue/X systems facilitates viewing from any computer on the network.
- PageAlert enhances JobQue/X by adding error detection and notification capabilities.

New Features

The ability to run the JobQue/X server software on a Windows computer is introduced with this version of JobQue/X. As with the previous UNIX-type version, various types of JobQue/X files are stored on the computer along with the server software such as output files, schedule configuration files, and log files. Certain files are stored and eventually purged based on retention management settings.

The JobQue/X Server interface may be used to stop and start the JobQue/X server. Once the server is started, JobQue/X's client programs will be operational and jobs will begin to process.



System Requirements

The JobQue/X server software is to be installed on an HP-UX, AIX, Solaris, Linux or Windows host, specifically an HP9000 system running HP-UX 11.0 or later; a system running AIX 4.3 (or later); a system running Solaris 7.0 (or later); a system running Redhat Linux 7.0 (or later); or a system running Windows 2000, XP or 2003. A minimum of 20 Mb of hard drive space is required. If output files are to be stored for a significant amount of time, more drive space will be required.

The JobQue/X client software requires Windows 2000, XP or 2003 running on a Pentium-class processor. Microsoft .NET Framework 1.1 or later must also be installed on the computer. (The .NET Framework is available on the JobQue/X Installation CD.)

It is highly recommended that all web access to JobQue/X be provided by a secure server or a virtual private network (VPN), thus ensuring that any transferred data is encrypted. The web server must be configured and running on the same computer as the JobQue/X server software.