

Quark Publishing System®

QPS Architecture

Quark Publishing System (QPS®) is software that lets creative and editorial teams use both QuarkXPress® with QuarkCopyDesk® and Adobe® InDesign® with InCopy® in a single workflow system to improve collaboration, streamline your workflow, and achieve cost savings.

QPS is not tied to a specific architecture. It uses a service-oriented architecture (SOA) based on the Spring Framework for the Java™ Platform. The SOA incorporates the use of loosely coupled services to support the requirements of business processes and users. Resources in an SOA environment are made available as independent services that can be accessed without having to worry about the underlying platform. The Spring Framework then acts as the glue that holds these various components together as a single, cohesive system. And components can be added or changed without impacting the system as a whole.

In addition, QPS provides system functionality over the Internet, including Web-based remote collaboration through the QPS Web Hub. Using the concept of a Web hub, QPS offers many core features to administrators and developers through an easy-to-modify Web interface. Using AJAX (Asynchronous JavaScript™ and XML) for the presentation layer, system integrators, developers, and technically oriented customers can modify the interface to reflect their company branding.

True Platform Independence

QPS takes full advantage of its architecture to offer a cross-platform solution that allows your organization to leverage its investment in existing infrastructure, including networks, hardware, software, user knowledge, and training. QPS works out of the box with Mac OS® and Windows® applications and the technologies you have chosen as your standards. Incorporation of the Spring Framework expands your deployment options to Windows, Mac OS, Linux, and Solaris®. Server and clients can exist on any combination of hardware configurations. And files are mounted through the system using streaming technology, which increases speed, enhances security, and helps eliminate problems.

Anytime, Anywhere: Remote and Internet Accessibility

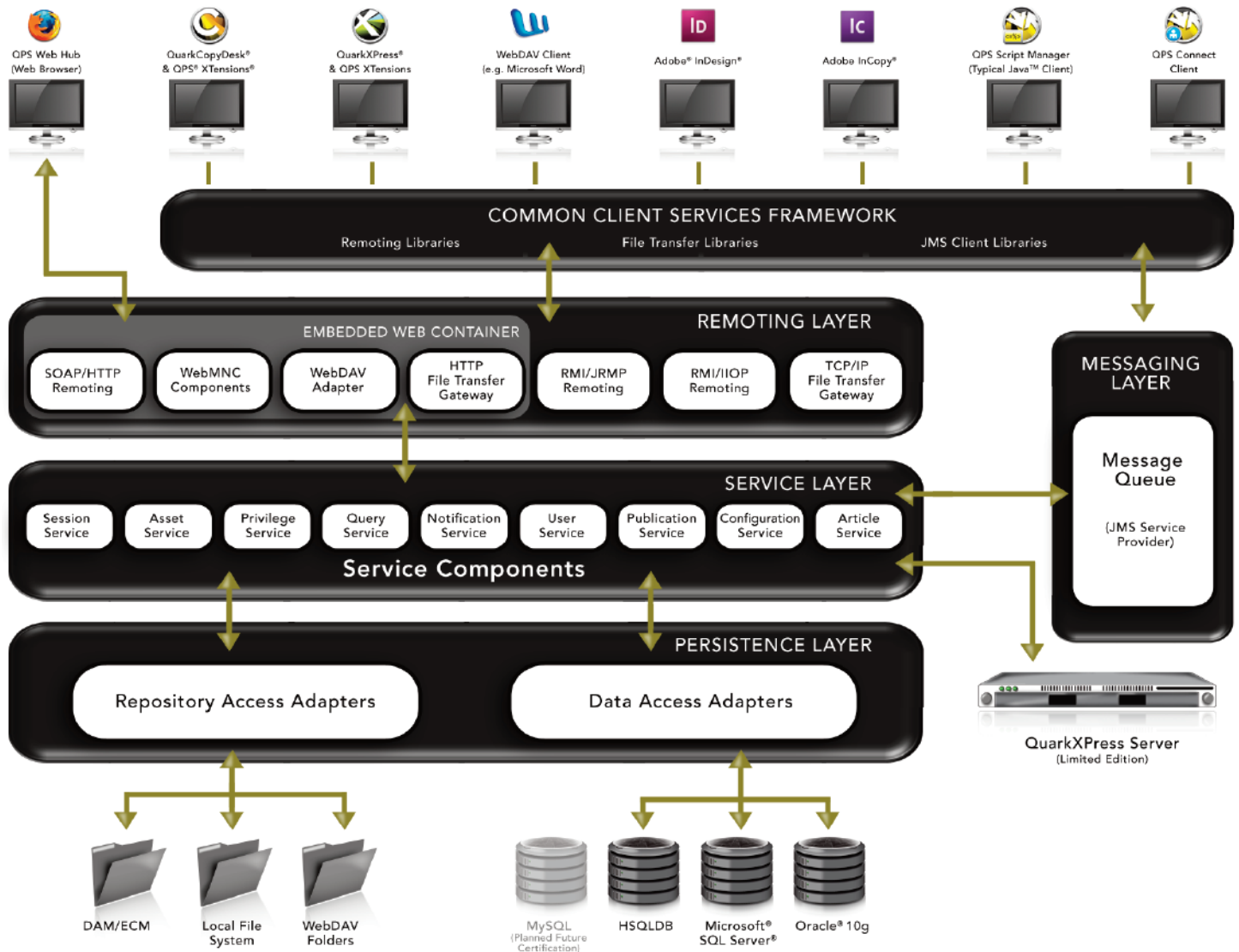
We recognize that not all workgroup members work in an office, the same office, or even on the same continent. QPS provides powerful tools to chosen colleagues outside your firewall, such as the auto-sensing QPS Client that works within your LAN, across your WAN, and seamlessly over the Internet.

And then there's the QPS Web Hub, a simple, easy-to-use interface through which you can create and edit text over the Internet and preview your work in progress as it displays in the actual QuarkXPress layout. You can receive and track assignments, search for files, and run saved and shared queries using a Web browser. You can also check in (upload) any type files over the Internet and perform downloads to a local hard drive.

Connectivity and Integration

Our partners will find a well-developed set of server and client-side APIs, extensive documentation, and code samples, ensuring that integration with existing systems is straight forward and easier than ever before. The open standards-based architecture offers an open platform from which you can connect best-of-breed systems to help you run your business the way that you want.

Quark Publishing System®: Architecture Diagram



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