



What You Gain With JackBe's Presto REA Platform:

Services Governance: Allows IT to empower business units using an enterprise-grade architecture with central and distributed management of services consumption.

Reliable Connectivity: Provides confidence in delivering complex Web applications by bringing basic browser connectivity up to enterprise-grade standards.

User Empowerment: Supports professional IT developers as well as power users with the most appropriate development and runtime environments.

“ JackBe’s Presto recognizes the tremendous business value that can be delivered with a multi-tier platform that directly extends SOA with Ajax... its real game-changing potential is to empower business users to create their own ‘tacit’ or situational applications based on rapidly changing needs. ”

-- Dion Hinchcliffe
President & CTO
Hinchcliffe & Company

Rich Internet Applications (RIAs) have taken the Web by storm. Accompanying the meteoric rise in RIA popularity has been the introduction of the term ‘Web 2.0’ to convey a whole new way of doing things on the Web. Facilitated by technologies such as Ajax, RIAs deliver the power and functionality of desktop applications but with the convenience and cost savings of running in a standard Web browser. And the ability for users to easily combine or ‘mashup’ data from multiple Web data sources like Google Maps into new applications opens up even more possibilities. While business leaders realize the value of RIA for consumer applications, they are struggling to bring the benefits of Web 2.0 technologies into their organizations while conforming to far higher corporate standards for security and governance.

Leveraging SOA Benefits with Rich Enterprise Applications

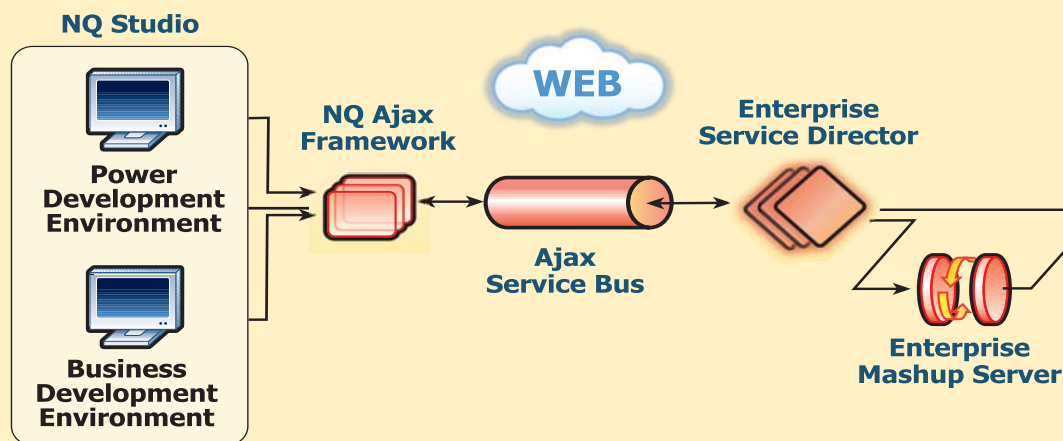
Having spent millions of dollars to design and deploy service-oriented architectures (SOA), enterprises are now looking to achieve the promised ROI from that investment. The answer is found in new applications that consume the SOA services to create high-value business solutions. It is the combination of Ajax user interface technology, ubiquitous Web network connectivity, and SOA services—along with high levels of security, reliability, scalability and governance—which will make these new Web-based business solutions a reality. Combining all of these new technologies creates a new class of solution called Rich Enterprise Applications (REA). REAs extend beyond far conventional RIAs to address the security, governance, and direct consumption of SOA services needed by the enterprise.

JackBe Presto REA Platform and Services Governance

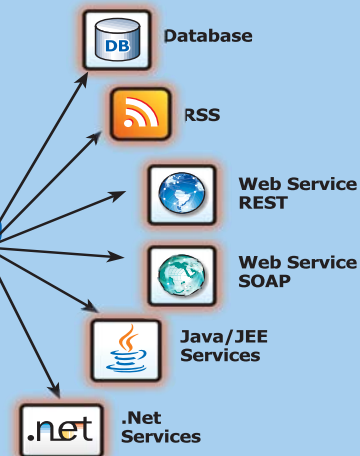
The *Presto* REA platform seamlessly combines Ajax-based Web applications with SOA services, middleware and data. *Presto* empowers business users to quickly assemble ad hoc business activities into reusable situational applications in response to rapidly changing business requirements. These ‘long tail’ applications help to optimize tacit business activities and enable faster, better-informed decisions.

The *Presto* REA platform is loosely-coupled and thus integrates easily with existing data assets. *Presto* REAs deliver best-in-class reliability and scalability, and support distributed business units that require custom governance administered by IT.

SOA Consumption & Governance



SOA Providers





Presto REA Platform Components

Presto NQ Ajax Framework and NQ Studio

JackBe's best-in-class *NQ Ajax Framework* is a complete development and runtime environment to rapidly create sophisticated Rich Enterprise Applications (REAs). It features easy-to-use *NQ Studio* development environments tailored to the specific needs of both power developers and business analysts.

NQ Studio for Business Units

The browser-based *Business Developer Environment* (BDE) provides an innovative, domain-centric environment enabling business users to quickly and easily integrate activity-based applications into user-centric situational applications. IT groups can customize the BDE for their business users, including adding or removing user interface components and binding those components to SOA services. The modified BDE is then locked, packaged and "delivered" to the business units via the Web.

NQ Studio for Power Developers

The Eclipse-based *Power Developer Environment* (PDE) is designed for the professional developer who needs complete flexibility and control to create powerful Ajax-based enterprise applications and also to customize the BDE for the business units.

Presto Enterprise Mashup Server

The *Presto Enterprise Mashup Server* (EMS) empowers users to create powerful server-orchestrated mashups that combine existing services and data into new and customized activities and views.

The EMS integrates with standards-based services and does not require proprietary features, so it can be used easily and flexibly with any existing enterprise SOA services and applications. And because the application composition occurs on the server rather than the browser, enterprises can be certain that the end result is secure and governed.

Presto Enterprise Service Director

Enterprises must ensure that proper governance is maintained when services and data are consumed by applications. The *Enterprise Service Director* provides complete service access authentication, authorization and governance. All governed SOA services are made available at development and runtime based on IT-controlled governance policies. Thus, developers can leverage the BDE and PDE's seamless access and binding to SOA services within a fully governed environment.

Presto Ajax Service Bus

Enterprises require robustness and reliability when communicating with SOA services. The *Presto ASB* is built on top of the standard XMLHttpRequest to provide security, reliability, once-and-only-once delivery semantics, and true 'push' events from within the browser. The ASB requires no install and automatically handles dropped and spotty network connections.

With high volumes of user connections and notifications, the ASB can be deployed in a cluster to enhance scalability, throughput, and availability. The ASB has been designed to work in a distributed, fault-tolerant environment under heavy load while ensuring a high level of interactivity and responsiveness for system users.

About JackBe

Based in Chevy Chase, MD, JackBe is the industry leader in Rich Enterprise Application (REA) solutions that combine SOA and Ajax to optimize business activity and leverage existing data and services investments. Our products and services have already been used to successfully deliver the business value of Ajax to many leading mid-sized and large enterprises, starting years before the term 'Ajax' had even been coined.

JackBe's satisfied clients now include more than 35 industry leaders supporting more than four million end users. Our customer list and deep domain expertise spans the financial services, government, e-commerce and telecommunications sectors. Just a few of our high-profile customers are shown below.



Visit our website at www.jackbe.com to learn more about our *Presto* REA solutions. Then give us a call to talk about your specific needs and goals—let us put our proven products, services, and expertise to work helping to optimize *your* business activities!

“ JackBe NQ was designed and built with a depth of understanding of and a remarkable sensitivity to the issues facing developers who are creating rich-client applications.”

-- Steve McClure
Program VP, Software Research Group
IDC