TIBCO Rendezvous

AT A GLANCE:
TIBCO Rendezvous® is the leading messaging product for real-time broad data distribution applications such as market data, trading, e-business, systems management, and real-time control systems. It has been deployed by over 2,000 companies and is the messaging backbone for several of the largest mission-critical systems in production today.

Any structure is only as strong as its foundation, and for large-scale distributed application environments, that foundation is messaging software. TIBCO Rendezvous® is a leading low-latency messaging product for real-time, high-throughput data distribution applications. It is one of the most widely deployed, supported, and proven low-latency messaging solution on the market today.

LEADING LOW-LATENCY SOLUTION

Rendezvous is used for a broad range of applications ranging from market data distribution and trading applications; to real-time control systems for manufacturing plants, supply chains, and transportation networks; to a broad range of public sector and military applications. This broad adoption has made it the natural choice for ultra-low latency applications like program trading in financial services. Not only does Rendezvous deliver leading low latency; it ensures consistent microsecond latency every time, with proven predictability that can be tuned to meet your specific needs.

Centralized management through an HTTP-based administrative console or Java API

ATTRIBUTES & CAPABILITIES

A PROVEN ENTERPRISE BACKBONE FOR MANY NEEDS
TIBCO Rendezvous has a broad range of features that make it the ideal platform for your data distribution, low-latency, and other messaging needs. Applications can select different qualities of service including reliable or guaranteed delivery as appropriate for each interaction.
Messaging can be publish/subscribe or request/reply, point-to-point or multicast, synchronous or asynchronous, and delivered via the local-area network (LAN), wide-area network (WAN), or the Internet. Rendezvous messages are self-describing and platform independent with a user-extensible type system that provides support for data formats such as XML.

**THE CHOICE OF TECHNOLOGY VENDORS**

TIBCO Rendezvous has been integrated or embedded within the products of the world’s leading technology companies. Leading applications, technologies, and information sources across multiple industries rely on it.

**UNMATCHED COMBINATION OF ULTRA-LOW LATENCY, PERFORMANCE, SCALABILITY, AND RELIABILITY**

More than a decade of investment by TIBCO, and use by over 2,000 companies, has made TIBCO Rendezvous one of the most reliable software products of its kind. Today, it supports several of the largest mission-critical systems in production.

Rendezvous utilizes a fully distributed daemon-based peer-to-peer architecture to eliminate bottlenecks and single points of failure.

Companies can use external daemons for all messaging communication or embed this functionality directly into their applications for extreme ultra-low latency needs.

Built-in facilities for constructing fault-tolerant, load-balanced applications maximize uptime and performance.

TIBCO Hawk®, TIBCO’s distributed management framework, provides TIBCO Rendezvous-based components for immediate recovery from unexpected failures or application outages.

**KEY FEATURES**

- Publish/subscribe, request/reply, and point-to-point messaging
- Choice of qualities of service from lightweight informational messages to reliable and certified delivery
- Peer-to-peer multicast-based messaging for efficient network utilization and scalability
- TIBCO Rendezvous In-Process Module that embeds Rendezvous capabilities directly into applications for ultra-low latency needs
- Point-to-point and Wide Area Network (WAN) messaging support via TCP and SSL
- Dynamic, source-based routing with interest-driven forwarding provides added efficiency and simplified configuration across multiple messaging domains
- Enhanced message support and user extensible types improve performance and flexibility
- Built-in support for fault-tolerance and load-balancing, including APIs that enable developers to build fault-tolerance and load-balancing into applications
- Centralized management of daemons, subjects, and multicast groups, with remote monitoring and management via a browser interface or Java API
- Fully integrated with all TIBCO products, including a broad library of pre-built adapters and the TIBCO Adapter™ SDK for creating custom adapters

TIBCO enables digital business solutions through smart technologies that interconnect everything and augment intelligence. This combination delivers faster answers, better decisions, and smarter actions. TIBCO provides a connected set of technologies and services, based on 20 years of innovation, to serve the needs of all parts of an organization—from business users to developers to data scientists. Thousands of customers around the globe differentiate themselves by relying on TIBCO to power innovative business designs and compelling customer experiences. Learn how TIBCO makes digital smarter at www.tibco.com.

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