Red Hat AMQ Clients 2023.Q4

AMQ Clients overview

Overview of AMQ Clients suite 2023.Q4

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Abstract

This document provides an overview of the AMQ clients suite.

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CHAPTER 1. 2023.Q4 RELEASE NOTES

Release scope

This release includes the following new clients:

- Red Hat build of Apache Qpid Proton DotNet
- Red Hat build of Apache Qpid ProtonJ2

View all the clients from the Product Documentation for Red Hat AMQ Clients page.

This release does not include a C++ or Python client. If you require these clients, see:

- Using the AMQ C++ Client 2.11
- Using the AMQ Python Client 2.11

Documentation structure

Starting in 2023.Q4, documentation for each Red Hat AMQ client is versioned and published independently. For example, if you navigate to Red Hat build of Rhea page, all versions of that client are available to browse.

Removed AMQ Clients

The following clients are no longer available:

- AMQ Ruby Client
  Use the 2.11 Client as a workaround.
- AMQ OpenWire JMS client
  Migrate to AMQ JMS or AMQ Core Protocol JMS.
- The CMS and NMS APIs
  Users of the CMS API can migrate to AMQ C++, and users of the NMS API can migrate to AMQ .NET. The CMS and NMS APIs might have reduced functionality in AMQ 7.

Fixed Issues

For a complete list of issues that have been fixed in this release, see the following link for each client. If the client is not listed, then no issues were fixed for that particular client. Alternatively, see AMQ Clients Resolved Issues

Component	URL
Red Hat build of Rhea	Red Hat build of Rhea 2023.Q4 Fixed Issues
Red Hat build of Apache Qpid JMS	Red Hat build of Apache Qpid JMS 2023.Q4 Fixed Issues
AMQ Spring Boot Starter	AMQ Spring Boot Starter 2023.Q4 Fixed Issues

CHAPTER 2. KEY FEATURES

- An open standard protocol - AMQP 1.0
- Industry-standard APIs - JMS 1.1 and 2.0
- New event-driven APIs for fast, efficient messaging
- Adaptors for integrating with other platforms and components
- Broad language support - C++, Java, JavaScript, Python, Ruby, and .NET
- Wide availability - Linux, Windows, and JVM-based environments

CHAPTER 3. COMPONENTS

View all the components from the Product Documentation for Red Hat AMQ Clients page.

Additional information

- Quarkus extension for Qpid JMS (Red Hat build of Apache Qpid JMS) - A Quarkus extension that enables you to build Quarkus applications that use AMQP 1.0 messaging.

3.1. COMPONENT COMPATIBILITY

The following table lists the supported languages, platforms, and protocols for the AMQ Clients components.

Component	Languages	Platforms	Protocols
Red Hat build of Rhea	JavaScript	Linux, Windows, browsers	AMQP 1.0
Red Hat build of Apache Qpid JMS	Java	JVM	AMQP 1.0
AMQ Core Protocol JMS	Java	JVM	Core Protocol
Red Hat build of Apache Qpid Proton DotNet	C#	Linux, Windows	AMQP 1.0
Red Hat build of Apache Qpid Proton Python	Python	Linux, Windows	AMQP 1.0
AMQ Spring Boot Starter	Java	JVM	AMQP 1.0
Quarkus extension for Qpid JMS (Red Hat build of Apache Qpid JMS)	Java	JVM/Native	AMQP 1.0

For more information, see Red Hat AMQ Supported Configurations .

CHAPTER 4. IMPORTANT LINKS

- Red Hat AMQ Supported Configurations
- Red Hat AMQ Component Details

MAKING OPEN SOURCE MORE INCLUSIVE

Red Hat is committed to replacing problematic language in our code, documentation, and web properties. We are beginning with these four terms: master, slave, blacklist, and whitelist. Because of the enormity of this endeavor, these changes will be implemented gradually over several upcoming releases. For more details, see our CTO Chris Wright's message.

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