



# Red Hat build of Apache Camel Extensions for Quarkus 2.13

## Release Notes for Red Hat build of Apache Camel Extensions for Quarkus 2.13

What's new in Red Hat build of Apache Camel Extensions for Quarkus



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## Abstract

Describes the Red Hat build of Apache Camel Extensions for Quarkus product and provides the latest details on what's new in this release.

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# CHAPTER 1. CAMEL EXTENSIONS FOR QUARKUS 2.13.3 RELEASE NOTES

## 1.1. CAMEL EXTENSIONS FOR QUARKUS FEATURES

### Fast startup and low RSS memory

Using the optimized build-time and ahead-of-time (AOT) compilation features of Quarkus, your Camel application can be pre-configured at build time resulting in fast startup times.

### Application generator

Use the [Quarkus application generator](#) to bootstrap your application and discover its extension ecosystem.

### Highly configurable

All the important aspects of a Camel Extensions for Quarkus application can be set up programmatically with CDI (Contexts and Dependency Injection) or by using configuration properties. By default, a CamelContext is configured and automatically started for you. Check out the [Configuring your Quarkus applications](#) guide for more information on the different ways to bootstrap and configure an application.

### Integrates with existing Quarkus extensions

Camel Extensions for Quarkus provides extensions for libraries and frameworks that are used by some Camel components which inherit native support and configuration options.

## 1.2. SUPPORTED PLATFORMS, CONFIGURATIONS, DATABASES, AND EXTENSIONS

- For information about supported platforms, configurations, and databases in Camel Extensions for Quarkus version 2.13.2, see the [Supported Configuration](#) page on the Customer Portal (login required).
- For a list of Red Hat Camel Extensions for Quarkus extensions and the Red Hat support level for each extension, see the [Extensions Overview](#) chapter of the *Camel Extensions for Quarkus Reference* (login required).

## 1.3. BOM FILES FOR CAMEL EXTENSIONS FOR QUARKUS

- To configure your Red Hat Camel Extensions for Quarkus version 2.13.3 projects to use the supported extensions, use the latest Bill Of Materials (BOM) version 2.13.7.SP3-redhat-00003 or newer, from the [Redhat Maven Repository](#).

For more information about BOM dependency management, see [Developing Applications with Camel Extensions for Quarkus](#)

## 1.4. TECHNOLOGY PREVIEW EXTENSIONS

Items designated as Technology Preview in the [Extensions Overview](#) chapter of the *Camel Extensions for Quarkus Reference* have limited supportability, as defined by the Technology Preview Features Support Scope.

**NOTE**

Although CXF is fully supported, issues remain with this release of Camel Extensions for Quarkus. The following features are still in Technology Preview:

**CEQ-5390 WS-ReliableMessaging**

Full support for CXF WS-ReliableMessaging is currently unavailable, and it remains in Technology Preview for 2.13.3.

## 1.5. KNOWN ISSUES

**CEQ-6263 OpenTelemetry traces not being generated in sequence**

If you try to capture DB call traces through OpenTelemetry, the bean call executes in a new thread, and a new OpenTelemetry Context is created in the JDBC driver, with a new span outside the expected parent.

**NOTE**

To ensure that the sequence of recorded spans is correct, you must use the full `to("bean:")` endpoint URI and not the shortened `.bean()` EIP DSL method.

**CEQ-6217 Templated route fails if it is processed before route template**

If the templated route definition is set in `camel.main.routes-include-pattern` before the route template definition, the Camel application will fail to start.

**CEQ-6203 CXF on OpenShift requires quarkus.cxf.path property**

When you deploy Camel Quarkus with CXF on OpenShift, you must set the `quarkus.cxf.path` property.

Otherwise, the pod will not work due to missing liveness/readiness probes:

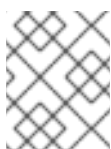
**Example**

```
11:36:07,343 Can't find the request for http://10.10.10.10:8080/q/health/ready's Observer
```

**CEQ-5705 Extension camel-quarkus-snmp not supported in Native**

In Camel Extensions for Quarkus we support the `camel-quarkus-snmp` component in JVM mode only.

SNMP version 3 is supported only for the operation `poll`. (This limitation is caused by an issue in Camel 3.18.6. For more information, see [CAMEL-19298](#)).

**NOTE**

Currently, <http://code.quarkus.redhat.com> may not list `camel-quarkus-snmp`, but we do in fact support the component in JVM mode.

## 1.6. IMPORTANT NOTES

**Support for AdoptiumJDK**

Camel Extensions for Quarkus version 2.13.3 includes support for AdoptiumJDK 11 and AdoptiumJDK 17.



### Camel upgraded from version 3.14.2 to version 3.18.6

Camel Extensions for Quarkus version 2.13.3 has been upgraded from Camel version 3.14.2 to Camel version 3.18.6. For additional information about each intervening Camel patch release, refer to the following:

- [Apache Camel 3.14.3 Release Notes](#)
- [Apache Camel 3.14.4 Release Notes](#)
- [Apache Camel 3.14.5 Release Notes](#)
- [Apache Camel 3.14.6 Release Notes](#)
- [Apache Camel 3.14.7 Release Notes](#)
- [Apache Camel 3.15.0 Release Notes](#)
- [Apache Camel 3.16.0 Release Notes](#)
- [Apache Camel 3.17.0 Release Notes](#)
- [Apache Camel 3.18.0 Release Notes](#)
- [Apache Camel 3.18.1 Release Notes](#)
- [Apache Camel 3.18.2 Release Notes](#)
- [Apache Camel 3.18.3 Release Notes](#)
- [Apache Camel 3.18.4 Release Notes](#)
- [Apache Camel 3.18.5 Release Notes](#)
- [Apache Camel 3.18.6 Release Notes](#)

### Camel Quarkus upgraded from version 2.7 to version 2.13

Camel Extensions for Quarkus version 2.13.3 has been upgraded from Camel Quarkus version 2.7 to Camel Quarkus version 2.13. For additional information about each intervening Camel Quarkus patch release, refer to the following:

- [Apache Camel Quarkus 2.8.0 Release Notes](#)
- [Apache Camel Quarkus 2.9.0 Release Notes](#)
- [Apache Camel Quarkus 2.10.0 Release Notes](#)
- [Apache Camel Quarkus 2.11.0 Release Notes](#)
- [Apache Camel Quarkus 2.12.0 Release Notes](#)
- [Apache Camel Quarkus 2.13.0 Release Notes](#)
- [Apache Camel Quarkus 2.13.1 Release Notes](#)
- [Apache Camel Quarkus 2.13.2 Release Notes](#)
- [Apache Camel Quarkus 2.13.3 Release Notes](#)

## 1.7. RESOLVED ISSUES

The following table lists known issues that were affecting Camel Extensions for Quarkus, which have been fixed in Camel Extensions for Quarkus version 2.13.3.

**Table 1.1. Resolved issues**

Issue	Description
<a href="#">CEQ-6263</a>	OpenTelemetry traces not being generated in sequence.
<a href="#">CEQ-6254</a>	Support extension: camel-quarkus-vertx-http
<a href="#">CEQ-5705</a>	Support extension: camel-quarkus-snmp
<a href="#">CEQ-5265</a>	Support extension: camel-quarkus-yaml-dsl
<a href="#">CEQ-4706</a>	Support extension: camel-quarkus-amqp
<a href="#">CEQ-4618</a>	Support extension: camel-quarkus-jdbc
<a href="#">CEQ-2320</a>	XML DSL Language - extension camel-quarkus-xml-io-dsl

### 1.7.1. Previous releases

For details of issues resolved between Camel Quarkus 2.7 and Camel Quarkus 2.13, see the [Release Notes](#) for each patch release.

## 1.8. DEPRECATED CAMEL EXTENSIONS FOR QUARKUS FEATURES

The following capabilities and certifications not available in the next major release of CEQ 3.x, and are deprecated in this release.

### 1.8.1. JDK 11

#### Deprecated features

JDK 11 is deprecated in this release of Camel Extensions for Quarkus. It is not supported in future releases.

### 1.8.2. Camel-microprofile-metrics

**Camel-microprofile-metrics** is deprecated since Camel Extensions for Quarkus version 2.13.2. Use the **camel-micrometer** instead.

## 1.9. EXTENSIONS ADDED IN THIS RELEASE

The following table lists the extensions added in this release of Camel Extensions for Quarkus version Camel Extensions for Quarkus .

**Table 1.2. Added extensions**

Extension	Artifact	Description	Note
AMQP	<b>camel-quarkus-amqp</b>	Messaging with AMQP protocol using Apache QPid Client.	
CXF	<b>camel-quarkus-cxf-soap</b>	Expose SOAP WebServices using Apache CXF or connect to external WebServices using CXF WS client.	
JDBC	<b>camel-quarkus-jdbc</b>	Access databases through SQL and JDBC.	
SNMP	<b>camel-quarkus-snmp</b>	Receive traps and poll SNMP (Simple Network Management Protocol) capable devices.	SNMP version 3 is supported only for the operation <b>poll</b> . (This limitation is caused by an issue in Camel 3.18.6. For more information, see <a href="#">CAMEL-19298</a> ).
Vert.x HTTP Client	<b>camel-quarkus-vertx-http</b>	Camel HTTP client support with Vert.x.	
YAML-DSL	<b>camel-quarkus-yaml-dsl</b>	A YAML stack for parsing YAML route definitions.	
XML IO DSL	<b>camel-quarkus-xml-io-dsl</b>	An XML stack for parsing XML route definitions	

## 1.10. DATA FORMATS ADDED IN THIS RELEASE

No data formats have been added in the version Camel Extensions for Quarkus release of 2.13.3.

## 1.11. ADDITIONAL RESOURCES

- [Supported Configurations](#)
- [Camel Extensions for Quarkus](#)
- [Getting Started with Camel Extensions for Quarkus](#)
- [Developing Applications with Camel Extensions for Quarkus](#)

