

Camel 1.3.0 Release

[Red URL](#) New and Noteworthy

Welcome to the 1.3.0 release which includes 208 new features, improvements and bug fixes such as...

- improved [Bean Integration](#)
- improved testing via [Spring Testing](#) along with the [Mock](#), [Test](#), [DataSet](#) components
- browsing of endpoints via the [BrowsableEndpoint](#) with support in the [JMS](#), [List](#), [Mock](#), [SEDA](#) and [VM](#) components
- improved support for message exchange patterns such as InOut for JMS
- various improvements in [CXF](#), [iBATIS](#), [Jetty](#), [MINA](#) components
- improved [XPath](#) and [XQuery](#) support in Spring XML and with easier namespace configuration
- default to more efficient JMS usage when working with [Spring 2.5.x to avoid a previous Spring bug](#)
- various improvements in the DSL and with error handling
- improved automatic [Type Converter](#) implementations
- method invocations now supported in [EL](#) expressions
- [CXF transport API](#) now supported in [CXF](#) component, you could leverage the power of Camel mediation in Apache CXF

New Components

- [AMQP](#)
- [DataSet](#) for easier load testing
- [JCR](#) for JSR 170 support
- [List](#) for UI and tooling integration
- [Stream](#) for working with input/output streams
- [Test](#) for easier functional testing
- [XQuery](#) for easy XQuery based transforms for [Templating](#)

New Data Formats

- [CSV](#)
- [XmlBeans](#)
- [XStream](#)

New Languages

- [Bean Language](#)
- [XPath](#)

New Enterprise Integration Patterns

- [Load Balancer](#)
- [Routing Slip](#)

Known Issues

Please be aware of the `cacheLevelName` setting when using the [JMS](#) and [ActiveMQ](#) components; the defaults have changed recently to work around some bugs in Spring that are fixed in version 2.5.x. Please refer to the warnings on the [JMS page](#) for more details.

There is an issue in [Error Handler](#) if you have configured 2 or more exception clauses. Camel picks the first clause that is an instance of the thrown exception. Chances are that if you have configured a top level clause such as `java.lang.Exception` that Camel could pick this clause over a more specialized clause such as `java.io.Exception` for network related issues. The issue is reported in CAMEL-410.

Getting the Distributions

Binary Distributions

Description	Download Link	PGP Signature file of download
Windows Distribution	apache-camel-1.3.0.zip	apache-camel-1.3.0.zip.asc
Unix/Linux/Cygwin Distribution	apache-camel-1.3.0.tar.gz	apache-camel-1.3.0.tar.gz.asc



The above URLs use redirection

The above URLs use the Apache Mirror system to redirect you to a suitable mirror for your download. Some users have experienced issues with some versions of browsers (e.g. some Safari browsers). If the download doesn't seem to work for you from the above URL then try using [Firefox](#)

Source Distributions

Description	Download Link	PGP Signature file of download
Source for Windows	apache-camel-1.3.0-src.zip	apache-camel-1.3.0-src.zip.asc
Source for Unix/Linux/Cygwin	apache-camel-1.3.0-src.tar.gz	apache-camel-1.3.0-src.tar.gz.asc

Getting the Binaries using Maven 2

To use this release in your maven project, the proper dependency configuration that you should use in your [Maven POM](#) is:

```
<dependency>
  <groupId>org.apache.camel</groupId>
  <artifactId>camel-core</artifactId>
  <version>1.3.0</version>
</dependency>
```

SVN Tag Checkout

```
svn co https://svn.apache.org/repos/asf/camel/tags/camel-1.3.0
```

Changelog

For a more detailed view of new features and bug fixes, see:

- [JIRA Release notes for 1.3.0](#)