

# Camel 1.1.0 Release

## New and Noteworthy

Welcome to the 1.1.0 release which includes a number of new features, improvements and bug fixes.

- hugely improved [Bean Integration](#) to work nicely with beans and Camel; making Camel even less intrusive
- improved [Spring XML](#) support using JAXB2 and code-generating a nice [XML Schema](#)
- new [Enterprise Integration Patterns](#) like [Aggregator](#), [Throttler](#), [Delayer](#)
- new [Languages Supported](#) such as [EL](#) and [OGNL](#)
- new [Components](#) like [VM](#), [Spring Event](#), [Log](#), [Validation](#), [Jing](#), [MSV](#)
- new [Examples](#) such as [Spring Example](#), [ETL Example](#) and [BAM Example](#)
- improved distributed testing with via the [Mock](#) component
- new [Camel Maven Plugin](#) for easier running of Camel routes and [Examples](#) in Maven

## Known Issues

When upgrading please make sure you check your spring.xml file as a few minor changes have occurred in the XML Schema as a result of the move to JAXB2. In particular if you are configuring Java based [DSL](#) rules in Spring you need to change the **packages** attribute to be one or more **package** elements.

e.g. in Camel 1.0.0

```
<camelContext packages="foo,bar" ...>
  ...
</camelContext>
```

this is now replaced in Camel 1.1.x or later

```
<camelContext ...>
  <package>foo</package>
  <package>bar</package>
  ...
</camelContext>
```

## Getting the Binary Distributions

Description	Download Link	PGP Signature file of download
Windows Distribution	<a href="#">apache-camel-1.1.0.zip</a>	<a href="#">apache-camel-1.1.0.zip.asc</a>
Unix/Linux/Cygwin Distribution	<a href="#">apache-camel-1.1.0.tar.gz</a>	<a href="#">apache-camel-1.1.0.tar.gz.asc</a>

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](#)

## 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>1.1.0</version>
</dependency>
```

## Getting the Source Code

## Source Distributions

Description	Download Link	PGP Signature file of download
Source for Windows	<a href="#">apache-camel-1.1.0-src.zip</a>	<a href="#">apache-camel-1.1.0-src.zip.asc</a>
Source for Unix/Linux/Cygwin	<a href="#">apache-camel-1.1.0-src.tar.gz</a>	<a href="#">apache-camel-1.1.0-src.tar.gz.asc</a>

## SVN Tag Checkout

```
svn co https://svn.apache.org/repos/asf/activemq/camel/tags/camel-1.1.0
```

## Changelog

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

- [JIRA Release notes for 1.1.0](#)