

*This document describes how to access Spring Framework artifacts. For snippets of POM configuration go to [Maven Central](#) or [Spring Repositories](#). For more in-depth information about Spring repositories see the [\[\[Spring Artifactory\]\]](#) page.*

The Spring Framework is modular and publishes 20+ different jars:

spring-aop	spring-context-indexer	spring-instrument	spring-orm	spring-web
spring-aspects	spring-context-support	spring-jcl	spring-oxm	spring-webflux
spring-beans	spring-core	spring-jdbc	spring-r2dbc	spring-webmvc
spring-context	spring-expression	spring-jms	spring-test	spring-websocket
		spring-messaging	spring-tx	

Some modules are interdependent. For example `spring-context` depends on `spring-beans` which in turn depends on `spring-core`. There are no required external dependencies although each module has optional dependencies and some of those may be required depending on what functionality the application needs.

There is no one “spring-all” jar that includes all sources.

## Maven Central

The Spring Framework publishes GA (general availability) versions to Maven Central which is automatically searched when using Maven, so just add the dependencies to your project’s POM:

```
<dependency>
  <groupId>org.springframework</groupId>
  <artifactId>spring-context</artifactId>
  <version>5.3.16</version>
</dependency>
```

## Spring Repositories

Snapshot, milestone, and release candidate versions are published to an Artifactory instance hosted by JFrog. You can use the Web UI at <https://repo.spring.io> to browse the Spring Artifactory, or go directly to one of the repositories listed below.

### Snapshots

Add the following to resolve snapshot versions – for example, 5.3.17-SNAPSHOT:

```
<repository>
  <id>repository.spring.snapshot</id>
  <name>Spring Snapshot Repository</name>
  <url>https://repo.spring.io/snapshot</url>
</repository>
```

...

```

<dependency>
  <groupId>org.springframework</groupId>
  <artifactId>spring-context</artifactId>
  <version>5.3.17-SNAPSHOT</version>
</dependency>

```

## Milestones and Release Candidates

Add the following to resolve milestone and RC versions – for example, 6.0.0-M2 or 6.0.0-RC1:

```

<repository>
  <id>repository.spring.milestone</id>
  <name>Spring Milestone Repository</name>
  <url>https://repo.spring.io/milestone</url>
</repository>

```

...

```

<dependency>
  <groupId>org.springframework</groupId>
  <artifactId>spring-context</artifactId>
  <version>6.0.0-M2</version>
</dependency>

```

## Releases

You can also resolve GA versions of Spring Framework artifacts against <https://repo.spring.io/release>.

For more in-depth information about Spring repositories, see the [\[\[Spring Artifacts\]\]](#) page.

## Downloading a Distribution

If for whatever reason you are not using a build system with dependency management capabilities, you can download Spring Framework *distribution zips* from the Spring repository at <https://repo.spring.io>. These distributions contain all source and binary jar files, as well as Javadoc and reference documentation, but *do not* contain external dependencies!

To create a distribution with all dependencies locally you can build from source. See [\[\[Build Zip with Dependencies\]\]](#) for details.