Baeldung publishes in-depth articles and tutorials in the Java ecosystem and general Web Development, with a strong focus on Spring, Spring Security and RESTful APIs. We also publish extensive guides on various Java libraries such as Jackson, the Apache HttpClient, Mockito, etc.

Our Audience

- **13M** page views
- **24%** new visitors
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- **91%** desktop
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Where our readers are coming from:

- **North America 25%**  
  (Canada, United States)

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  (United Kingdom, Germany, France, etc.)

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Our Subscribers

Over 135K total email subscribers

Over 71K subscribers to the Java Weekly newsletter

Email metrics:

Dedicated email broadcast
Open Rate 29%
Click Rate 4%

Java Weekly broadcast
Open Rate 37%
Click Rate 4.6%

Based on the latest full-list broadcast

The average of the last five Java Weekly broadcasts.

Social Media Followers

Facebook 47k
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Our Readers - in depth

Demographics:
61% of our readers finished college, 28% graduate school
35% are in managerial positions

Yearly household income:
0 - $50,000: 19%
$50,000 - $100,000: 31%
$100,000 - $150,000: 24%
over $150,000: 26%
Site Placement Examples

- Above the title ad placement (970X90)
- In-content ad placement (970X250)
- Side bar ad placement (300X1050)

The Spring Boot Starter Parent

Last modified: June 18, 2019
by Baeldung

I just announced the new Learn Spring course, focused on the fundamentals of Spring 5 and Spring Boot 2.

>> CHECK OUT THE COURSE

1. Introduction

In this tutorial, we’ll learn about spring-boot-starter-parent and how we can benefit from it for better dependency management, default configurations for plugins and quickly build our Spring Boot applications.

We’ll also see how we can override the versions of existing dependencies and properties provided by starter-parent.

2. Spring Boot Starter Parent

The spring-boot-starter-parent project is a special starter project - that provides default configurations for our application and a complete dependency tree to quickly build our Spring Boot project.

It also provides default configuration for Maven plugins such as maven-failsafe-plugin, maven-jar-plugin, maven-surefire-plugin, maven-war-plugin.

Beyond that, it also inherits dependency management from spring-boot-dependencies which is the parent to the spring-boot-starter-parent.

We can start using it in our project by adding this as a parent in our project’s pom.xml:

```xml
<parent>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-parent</artifactId>
    <version>2.1.5.RELEASE</version>
</parent>
```

We can always get the latest version of spring-boot-starter-parent from Maven Central.

3. Managing Dependencies

Once we’ve declared the starter parent in our project, we can pull any dependency from the parent by just declaring it in our dependencies tag.

Also, we don’t need to define versions of the dependencies, Maven will download jar files based on the version defined for starter parent in the parent tag.

For example, if we’re building a web project, we can add spring-boot-starter-web directly, and we don’t need to specify the version.
Email Placement Examples

Dedicated Email Broadcast (List size: 135K+):

A couple of months ago, I started using Codota - an AI-driven coding assistant that surprised me by actually working :) I've been using it ever since it's unintrusive in IntelliJ, and is saving me time left and right.

In case you missed the article, over on the site - definitely have a look at it: >> A First Experience Working with Codota - an AI Assistant that Actually Works

The main thing over there is, of course, the video I recorded, showing you what Codota can actually do in practice.

Or, you can simply install it and leave it running in the background, in your IDE, as you're coding. You'll notice pretty quickly that the suggestions it comes up with as I'm coding, are surprisingly strong and to the point.

Enjoy and let me know what you think, once you try it out, Eugen.

To make sure you keep getting these emails, please add eugen@baeldung.com to your address book or whitelist us. Want out of the loop? Unsubscribe.

Our postal address: Ion Baiulescu, Bucharest, Romania
Java Weekly Examples

A really interesting installment this week - let's jump right in:

» THIS WEEK IN JAVA

Highlights:

- A cool writeup about rolling out projections with Spring Data
- A quick and to-the-point article about the best way to structure a large codebase
- A huge and really nuanced piece on testing - certainly not just for beginners
- And a few solid talks this week, to keep your weekend fun and productive

Recently, I introduced you to Datadog. I hope you've been taking advantage of their system - it's really quite cool. Initially, they were just going to be a sponsor here, but given how much I liked the system, I'm thinking of moving one of my "teaching" apps over and potentially documenting the process.

Anyways, definitely give the trial a spin - it took me about 10 minutes to get set up and start seeing relevant metrics.

Cheers and have a great weekend,

Eugen

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Java Weekly Examples

Let's jump right:

» THIS WEEK IN JAVA

Highlights:

- Java 10 brings a lot of goodness, but also some work for library
developers
- A very interesting piece from an author who's usually at the top of my
reading queue, on using a proxy in a microservice architecture, to
improve the security story of that system
- Finally, the Spring ecosystem, as I'm sure you already know since you're
here, is great :)

I've been playing with Datadog for more than a month now.
It's been a lot of fun to use it for my teaching app, so I can only imagine what
it can do in a proper cluster.

If you've signed up already, you saw how quickly you can get started seeing
real data in there.
And if you're exploring the system like I am, you made your way to monitors
very quickly. The default stuff is quite useful, but it's really the custom
monitors that I got excited about.
If you're in there, try to create a quick monitor to keep track of something
custom, The UI is crazy powerful in the way that it allows you to see the
granular metric data to help you define the monitor.
Definitely, give the trial a go - and try out the custom monitoring
functionality.

Cheers and have a relaxing weekend,
Eugen

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Alright, let's jump right in:

» THIS WEEK IN JAVA

**Highlights:**

- A new **Spring Data** module for those who don't want to commit to JPA
- A solid write-up about the **still free future of Java**
- And finally, there's a lot we can learn from the pain of software development

I wrote about DataDog before, here in the Java Weekly. I talked about the performance-monitoring basics - because they're critical and because that's what I was exploring myself.

The cool thing is, **once Datadog moves beyond the basics**, well - we get powerful **features like Watchdog**.

Basically, Watchdog understands the runtime patterns of your system and alerts you when anything is outside of normal. Yeah.

In the past, I would have done this manually. I would define custom rules, for individual runtime metrics, to ping me when the metric shows a problem. And, slowly, over time and after some potentially missed incidents, the system would get to where it needed to be.

The nice thing about **Watchdog** is - it cuts through all of that setup and manual work - and brings out problems immediately, no extra configuration.

That's what I find highly useful about it. Certainly, **give this one a try** if you're running a production system.

Cheers and have a great weekend,

*Eugen*

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Java Weekly Examples

Let's jump right in:

» THIS WEEK IN JAVA

Highlights:

- An intro to Spring Reactive transactions, with milestones for MongoDB and RDBC2
- A fresh write-up on dealing with technical debt
- And recent disasters reminding programmers of our responsibility for quality software and safety

Finally, I recently started using Codota - an AI-driven coding assistant, and have been quite impressed with what the tool can do. So, after quite a bit of a video break, I recorded an implementation video focused on it:

>> A First Experience Working with Codota - an AI Assistant that Actually Works

Definitely have a look through the suggestions it comes up with as I’m coding, as they’re surprisingly strong and to the point.

Cheers and have a great weekend,

Eugen

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Thank You

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