

Setting Up Development Environment



Java's Standard Bean Validation API

Bean Validation

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- Only a specification ... vendor independent ... portable
- BUT we still need an implementation ...

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- But in recent years, they have expanded into other areas
- They have a fully compliant JSR-303 implementation
 - Not tied to ORM or database work ... separate project

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Hibernate Validator

The Bean Validation reference implementation.

[Getting started →](#)[Latest stable \(7.0\) →](#)

Express validation rules in a standardized way using annotation-based constraints and benefit from transparent integration with a wide variety of frameworks.

<http://www.hibernate.org/validator>

A screenshot of the Hibernate Validator website. At the top, there is a navigation bar with the following items: ORM (highlighted with a red dashed border and arrow), Search, Validator, OGM, Tools, Reactive, Others, Blog, Forums, Community, and a Follow us button with a Twitter icon. Below the navigation bar, there is a large banner with the title "Hibernate Validator" and the subtitle "The Bean Validation reference implementation.". To the right of the subtitle are two buttons: "Getting started" (gray background) and "Latest stable (7.0)" (green background). Below the banner, there is a text block that reads: "Express validation rules in a standardized way using annotation-based constraints and benefit from transparent integration with a wide variety of frameworks."

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JDBC

Enterprise Java Beans
Java Message Service

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 - **Jakarta EE** is moving forward with **Jakarta EE 9** (December 2020) and future releases

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<https://jakarta.ee/about>

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- As a result, Spring 5 is not compatible with Hibernate Validator 7

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 - Just tricky things with version numbers

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More details on Hibernate Validator release

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<https://in.relation.to/hibernate-validator>

Development Process

Step-By-Step

1. Download Validation JAR files from Hibernate Validator website
2. Add JAR files to project