



# Data Validation with Spring

# JSR 303 - Java Bean Validation

- Approved on November 16th, 2009
- Part of JEE v6
- JSR 303 Supported Since Spring Framework 3
- JSR 303 Produced Standard Validation Annotations

# JSR 303 - Java Bean Validation

- Standard validations are found in the package `javax.validation.constraints`
- From the jar `javax.validation:validation-api-1.1.0.Final`
- API Implementation is: `org.hibernate:hibernate-validator:5.4.1.Final`

# JSR 380 - Bean Validation 2.0

- July 2016 Work started on Bean Validation 2.0
- Primary goal is to leverage features of Java 8
- CR 3 (Candidate Release) was released on July 12, 2017
- Bean Validation 2.0 not supported in Spring (yet)

# Standard Validators

@AssertFalse	@Min
@AssertTrue	@NotNull
@DecimalMax	@Null
@DecimalMin	@Past
@Digits	@Pattern
@Future	@Size
@Max	

# Hibernate Validators

@CreditCardNumber	@NotBlank
@Currency	@NotEmpty
@EAN	@ParameterScriptAssert
@Email	@Range
@Length	@SafeHtml
@LuhnCheck	@ScriptAssert
@Mod10Check	@URL
@Mod11Check	

