

The JSF Expression Language

- [simple-page.jsf](#)
Page to illustrate the simple strategy (one bean, stand-alone test page) for testing and experimenting with expression language features.
- [bean-properties.jsf](#)
Simple access to bean properties (getter methods).
- [nested-properties.jsf](#)
Accessing nested bean properties (chained getter methods).
- [submitting-properties.jsf](#)
Submitting forms that refer to bean properties.
- [using-collections.jsf](#)
Accessing collections from EL expressions.
- [implicit-objects.jsf](#)
Using the implicit objects (predefined bean names).
- [operators.jsf](#)
Applying the builtin EL operators.
- [method-arguments.jsf](#)
Using the EL to pass arguments to methods.

All code from the [oreilley.com](#) JSP 2.2, [PrimeFaces: Java 7 programming: Java 8 lambdas and streams](#), [Hibernate: Java with iQuery, GWT, JGoogle, Hibernate, JPA, SOAP-based and RESTful Web Services](#), [Android development: servlets and JSP](#). There are also [live instructor-led training courses on the same Java EE topics: JSP 2.2, PrimeFaces: Java 7 programming: Java 8 lambdas and streams](#), [Hibernate: Java with iQuery, GWT, JGoogle, Hibernate, JPA, SOAP-based and RESTful Web Services](#), [Android development: servlets and JSP](#). Email info@oreilley.com to inquire about customized versions of these courses taught onsite at your organization. Also see the [JSP 2.2 tutorial](#), the [PrimeFaces tutorial](#), and [information about iQuery, JPA, the Hibernate course instructor](#).

Simple Page to Illustrate Testing EL

- Message: Hello, World
- First color: red

The point is that you can play around and experiment with the expression language without making a form, an action controller method, or a results page. All you need is a simple bean and one stand-alone page to test it.

Submitting Bean Properties

Your first name:
Your last name:
Name of your company:
Business area of your company:

JSF 2 Validation Part 1: Basics

- [enter-bid-1.jsf](#)
Requiring that certain entries be present: the required and requiredMessage attributes. Error messages at the top.
- [enter-bid-2.jsf](#)
Putting error messages next to the offending field.
- [enter-bid-3.jsf](#)
Checking that values are of the right type: using non-String bean properties and converterMessage.
- [enter-bid-4.jsf](#)
Verifying that values are in the right range: using `f.validateBlank` tags and validatorMessage.
- [enter-bid-5.jsf](#)
Putting a "Fix Errors Marked Below" at the top of long forms, whenever there is at least one error.
- [enter-bid-6.jsf](#)
Moving "Fix Errors Marked Below" functionality into composite component.

All code from the [coreservlets.com](#) JSP 2.0+ PrimerFaces, Java 7 programming, Java 8 lambda and streams, Hibernate, Ajax with jQuery, GWT, Spring, Struts, JPA, SOAP-based and RESTful Web Service, Android development, servlet, and JSP. There are also Java programming courses on the same Java EE topics: JSP 2.0+ PrimerFaces, Java 7 programming, Java 8 lambda and streams, Hibernate, Ajax with jQuery, Spring, Struts, JPA, SOAP-based and RESTful Web Service, Android development, servlet, and JSP. Email info@coreservlets.com to inquire about customized versions of these courses taught onsite at your organization. Also see the [JSP 2.0+ Primer](#), the [PrimerFaces training](#), and [information about Maven 3.0](#), the [training course directory](#).

Enter Bid

Parameters for Your Bid

User ID:
Keywords:
Bid Amount: \$
Duration:

Enter Bid

Parameters for Your Bid

Blah 1:
Blah 2:
Blah 3:
Blah 4:
Blah 5:
Blah 6:
Blah 7:
User ID:
Keywords:
Bid Amount: \$
Duration:

JSF Validation Part 2

- [resort-registration-1.jsf](#)
Manual validation.
- [resort-registration-2.jsf](#)
Validation based on a custom validator method.
- [calculator.jsf](#)
Internationalization (localization) for error messages.
- [bug-report-1.jsf](#)
Using the MyFaces Commons validators (no PrimeFaces).
- [bug-report-2.jsf](#)
Using the MyFaces Commons validators (with PrimeFaces).

All code from the [previous JSF tutorials](#), [JSF 2.2](#), [PrimeFaces](#), [Java 7 annotations](#), [Java 8 lambda and streams](#), [Hibernate](#), [AJAX with jQuery](#), [GWT](#), [jQuery](#), [ExtJS](#), [JPA](#), [SOAP-based and RESTful Web Services](#), [desktop development](#), [articles](#), and [JSF](#). There are also [live interactive training courses on the same Java EE topics](#), [JSF 2.2](#), [PrimeFaces](#), [Java 7 annotations](#), [Java 8 lambda and streams](#), [Hibernate](#), [AJAX with jQuery](#), [GWT](#), [jQuery](#), [ExtJS](#), [JPA](#), [SOAP-based and RESTful Web Services](#), [desktop development](#), [articles](#), and [JSF](#). Email info@bytebarracuda.com to inquire about customized versions of these courses brought custom to your organization or for consulting development support from Vahan Hakh. Also see the [JSF 2.x tutorial](#), the [PrimeFaces tutorial](#), and [information about JSF](#), [H2O](#), the [training course materials](#).

Register for the JSF Resort

Example Using Manual Validation

Start date (mm/dd/yyyy):

End date (mm/dd/yyyy):

Register for the JSF Resort

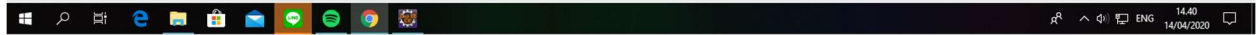
Example Using Custom Validator Method

Start date (mm/dd/yyyy): 04/14/2020

End date (mm/dd/yyyy): 04/15/2020

Requested room number: 2

Register



Calculator

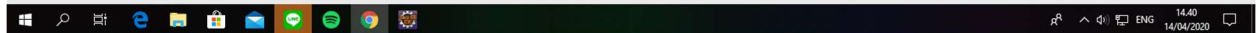
Calculator



First number: 0

Second number: 0

Compute Sum



Web Site Bug Reports

Thanks for alerting us to an error on our Web site. All confirmed reports are given a \$10 cash "thank you". Your name or nickname will be credited with the report on our bug-fix page.

Example Using the MyFaces Commons Validators

Name or nickname:
URL containing the problem:
Email address:
Credit card number:
Reenter card number:
Problem description:

Validator documentation at <http://myfaces.apache.org/commons20/myfaces-validators20/tagdoc.html>.
Download validator JARs from <http://myfaces.apache.org/myfaces-commons/download.html>.