

JSF VALIDATION

CUSTOM VALIDATION



Topics

- Custom Validation Demo
- Implement Custom Validation
- Full JSF Page Example

Custom Validation Demo

First name:

Last name:

Course Code:

Submit

Custom Validation

- ❖ Perform custom validation based on your business rules
 - ❖ Our example: Course Code must start with “LUV”
- ❖ JSF form calls a custom validation method on your ManagedBean
- ❖ Custom method throws an exception if validation fails

ManagedBean defines validation method

- ❖ Code inside of managed bean: StudentFour.java

```
public void validateTheCourseCode(FacesContext context,  
                                   UIComponent component,  
                                   Object value) throws ValidatorException {  
  
    // if "value" does not pass validation based on your business rules  
    // then throw an exception  
  
    // if "value" passes validation, then this method ends gracefully  
    // no news is good news...  
}
```


JSF Form calls custom validation method

```
Course Code: <h:inputText value="#{studentFour.courseCode}"  
                        label="Course Code"  
                        id="course_code"  
                        validator="#{studentFour.validateTheCourseCode}" />
```


Pulling It All Together

student_four_form.xhtml

First name:

Last name:

Course Code:

Submit

Managed
Bean

student_four_response.xhtml

The student is confirmed:

Course Code: LUV123

To Do List

1. Add new managed bean class: **StudentFour**
 1. firstName, lastName, **courseCode**
 2. Add custom validator method
2. Update the form to call custom validator
3. Update the confirmation page ... to display course code

Summary

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