

Struts 2

Struts 2 Validation by Bundled Validators

Struts 2 validation framework provides many built-in validators also known as bundled validators for email, string, int, double, url, date etc

So, we don't need to provide explicit logic for email, double, url etc. For providing specific validation logic, we can use regex, which we will see later.

validation interceptor

It performs validation against the specified validation rules and adds the field-level and action-level error messages.

It works in conjunction with the workflow interceptor to display the error messages.

There is no parameter defined for this interceptor.

Advantage of Bundled validators

fast development because we don't need to specify the common validators such as email date, string length etc.

Bundled validators

Struts 2 provides following bundled validators.

- requiredstring validator
- stringlength validator
- email validator
- date validator
- int validator
- double validator
- url validator
- regex validator

Field-Validator Syntax

The field-validator syntax can be used for field level validator. In such case, multiple validator can be applied to one field. For example, we can apply required and email validators on email field. Moreover, each field can display different messages.

field validator by apache struts because it provides more flexibility.

Struts 2 requiredstring validation example

The **requiredstring validator** specifies that string can't be null or blank.

It trims the string by default then checks if its length is greater than 0.

1) Create index.jsp for input

This jsp page creates a form using struts UI tags. It receives name from the user.

2) Create the action class

This action class inherits the ActionSupport class and overrides the execute method.

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4) Create struts.xml

This xml file defines an extra result by the name input, and an interceptor jsonValidatorWorkflowStack.

5) Create view component

It is the simple jsp file displaying the information of the user.