

CREATING JSF HTML FORMS



Topics

- Review HTML Forms
- JSF UI Components
- JSF Page Structure
- Creating Forms with JSF
- JSF Form UI Components

Review HTML Forms

- HTML Forms are used to get input from the user

Sign In

Email Address:

Password:

Remember me

Sign In

Flight + Hotel Flight + Hotel + Car Flight + Car Hotel + Car

Flying from: City or airport Flying to: City or airport

Departing: mm/dd/yyyy Returning: mm/dd/yyyy

Rooms: 1 Adults (18+): 2 Children (0-17): 0

I only need a hotel for part of my stay

JSF User Interface Components

- JSF components are the building block for a JSF page
- Components are configurable and reusable for a JSF page

JSF UI Components

- JSF includes components that will generate HTML for you :-)

JSF UI Component	Description
h:form	main form container
h:inputText	text field
h:textArea	multi-line text field
h:selectBooleanCheckBox	check box
h:selectOneRadio	radio buttons
h:selectOneListBox	drop down list
<i>more</i>	

JSF Page Structure

- Most common configuration is to use `.xhtml` file extension
- HTML page with special JSF tags

`<html>`

`... regular html ...`

`... JSF tags ...`

`... more html ...`

`</html>`

Creating Forms with JSF

How To Reference JSF UI Components

- Specify the JSF namespace at beginning of HTML file

JSF Components	JSF Namespace
Core components	http://xmlns.jcp.org/jsf/core
HTML components	http://xmlns.jcp.org/jsf/html
Facelets components	http://xmlns.jcp.org/jsf/facelets
Composite components	http://xmlns.jcp.org/jsf/composite
<i>more</i>	

New in JSF 2.2

Data Binding

- JSF components can make use of data binding
- Automatically setting / retrieving data from a Java object / bean

Summary

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