

# CREATING JSF HTML FORMS





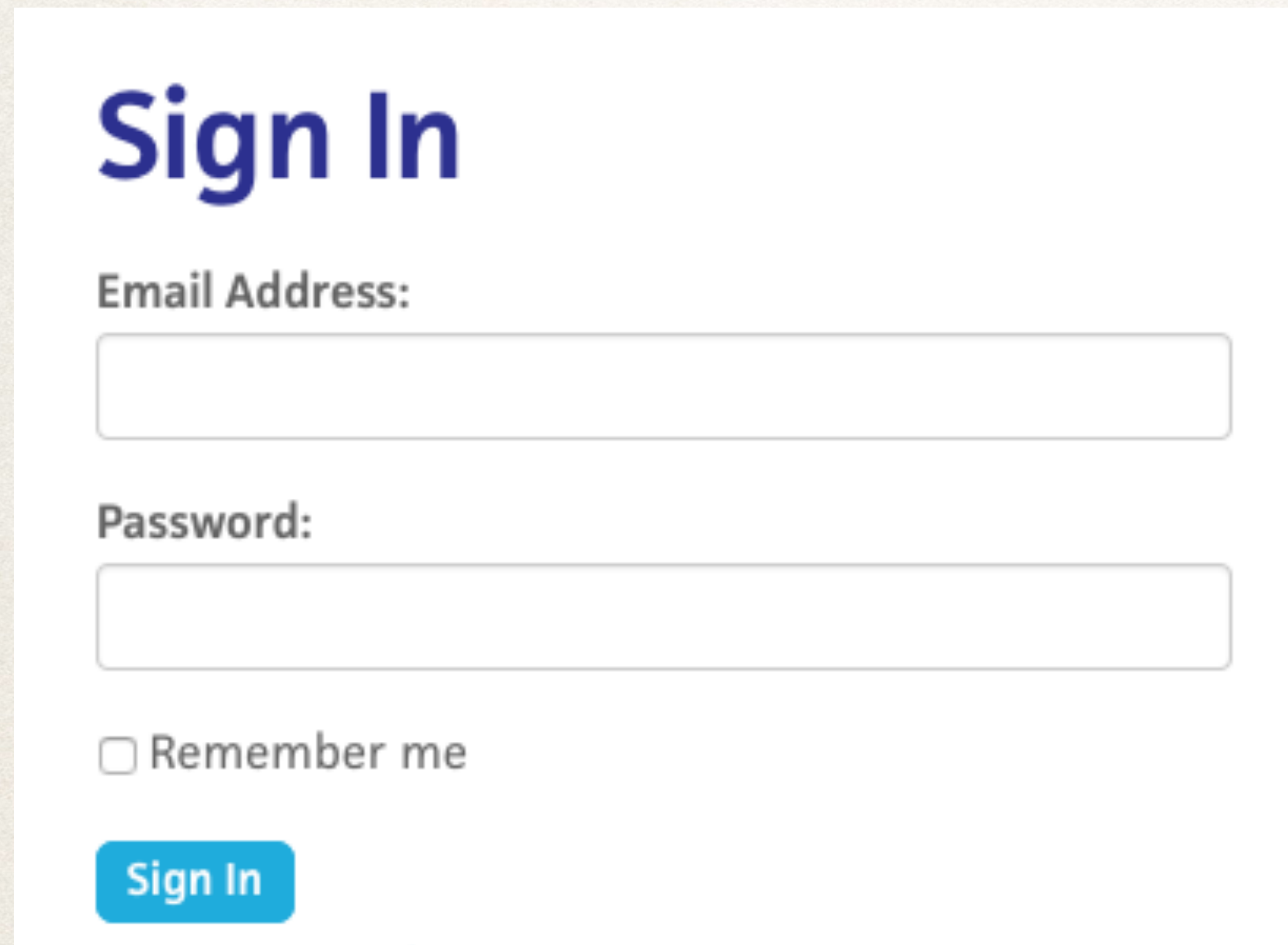
# Topics

- 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



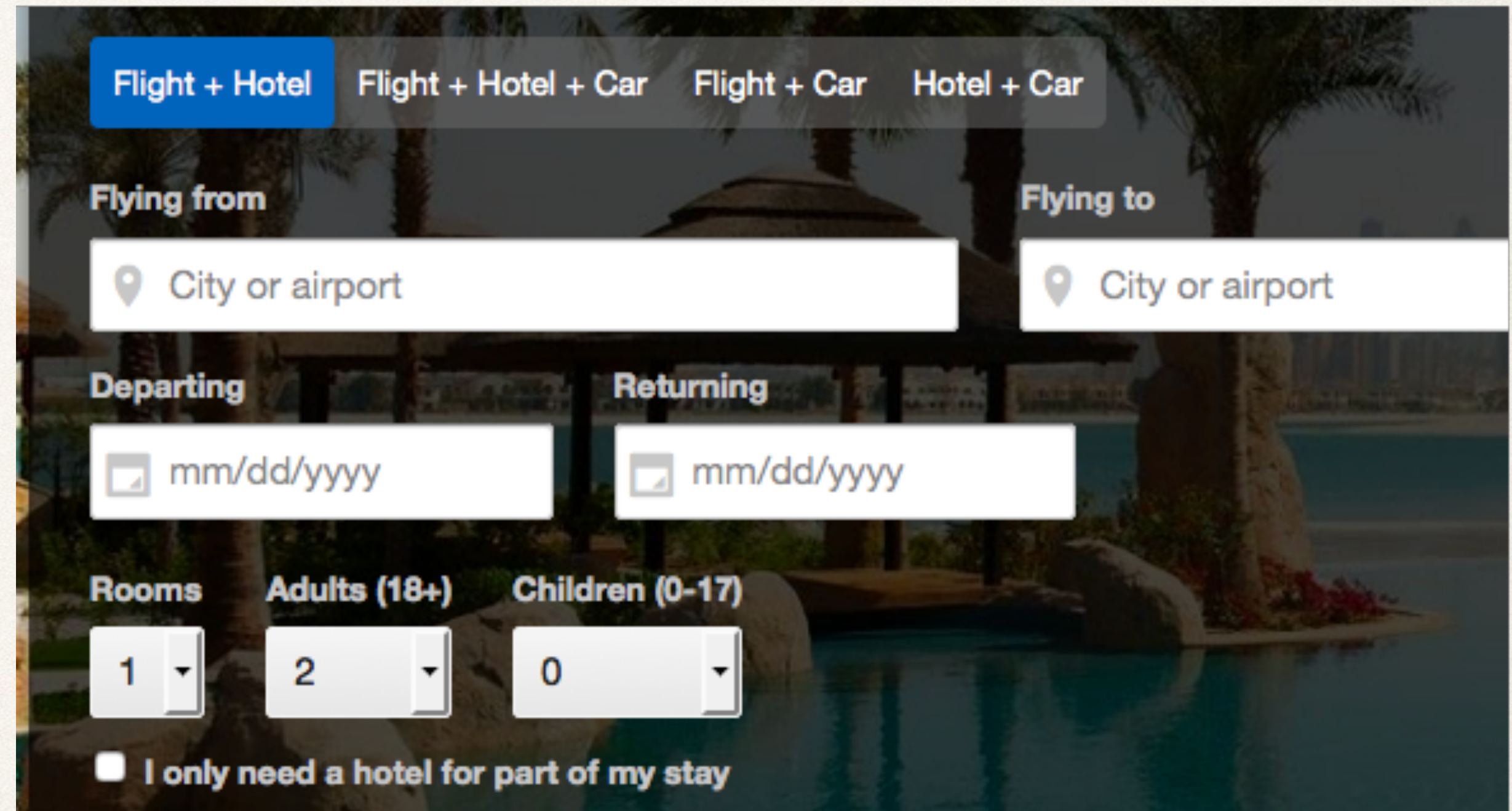
**Sign In**

Email Address:

Password:

☐ Remember me

**Sign In**



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

Flying from

Flying to

Departing

Returning

Rooms

Adults (18+)

Children (0-17)

☐ 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

**New in JSF 2.2**

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



# Data Binding

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



# Summary

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



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