## 17 JSP 태그 개요

## <u>주제</u>

- JSP Tags란?
- 유스케이스 샘플
- 이점



## 문제점

고객으로부터 온 이메일: JSP 페이지에 날씨 보고서를 포함하길 원함



#### 옵션 1: 스크립틀릿(scriptlets) 사용

- 비즈니스코드와 프리젠테이션 코드 섞임
- 재사용 불가

#### <%

- // 원격 날씨 서비스 접속
- // 날씨 요청 서밋
- // 날씨 결과 받아오기
- // 수신 데이터 파싱: xml or json
- // JSP 페이지에 출력

%>



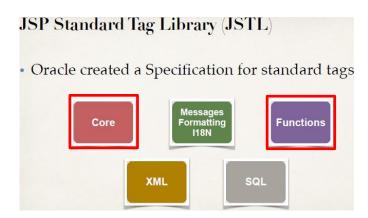
## 이점: 베스트 프렉티스

JSP내 Scriptlet 코드양 최소화

JSP내 많은 코드 라인 덤프 방지

심플한 JSP 페이지: JSP를 프리젠테이션에 집중

태그의 재활용성



# Resources Name Website JSP Custom Tags Tutorial JSTL Tutorial JSTL web site Name Www.luv2code.com/tagtutorial www.luv2code.com/jstltutorial http://jstl.java.net

## <u>실습</u>

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## JSTL Core Tag - <forEach>

# Core Tags - Part 1

Tag	Description
catch	catches any throwable to occurs in the boy
choose	conditional tag that can be used for exclusive operations, similar to switch statement
if	simple if/then conditional
import	retrieves a URL and exposes its contents on the pag

# Core Tags - Part 2

Tag	Description
forEach	Iterates over a collection of values
rTokens	Iterates over a collection of tokens
out	Used in scriptlets to display output, similar to <%= %>

# Core Tags - Part 3

Tag	Description
otherwise	Used with the <choose> tag to handle the else clause</choose>
param	Adds a parameter to a URL
redirect	Redirects the browser to a new URL
remove	Removes a scoped variable
set	Assigns an expression value to a variable
url	Defines a URL with query parameters
when	Used with the <choose> tag, when a condition is true</choose>

## JSP Core Taglib Reference

• Every page that uses the Core tags must include this reference:

<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>

```
// just create some sample data ... normally provided by MVC
String[] cities = {"Mumbai", "Singapore", "Philadelphia"};

pageContext.setAttribute("myCities", cities);

/body>

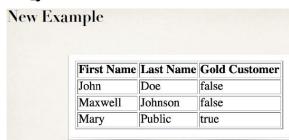
<c:forEach var="tempClty" items="${myCities}">
${tempCity} <br/></c:forEach>

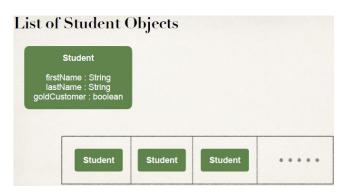
/body>

Mumbai
Singapore
Philadelphia
```

## 실습

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## 20\_jstl-if

### **Conditional Tests**

The <c:if> tag evaluates an expression and displays its body content only if the expression evaluates to true

## Code Example

Display Special Discount if student is a gold customer

```
<c:if test="${tempStudent.goldCustomer}">
    Special Discount
</c:if>
```

## 실습

## 21\_jstl-choose

#### **Conditional Tests**

The <c:choose> tag is similar
to a switch statement

## Code Example

-

</c:otherwise>