

JSP Tags



Topics

- What are JSP Tags?
- Sample Use Case
- Benefits

JSP Tags

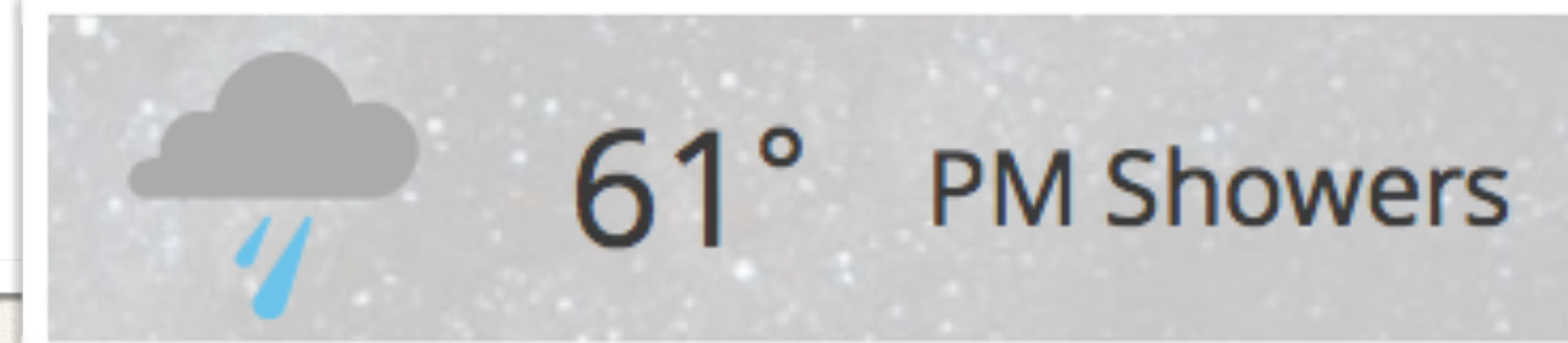
JSP Custom Tags

**JSP Standard Tag Library
(JSTL)**

Problem

- Email from: The Boss

**We want to include a weather report
in our JSP pages.**



Option 1: Use Scriptlets

<%

// connect to remote weather service

// submit our weather request

// receive weather results

// parse the data: xml or json???

// display output in JSP page

%>

Bad Practice

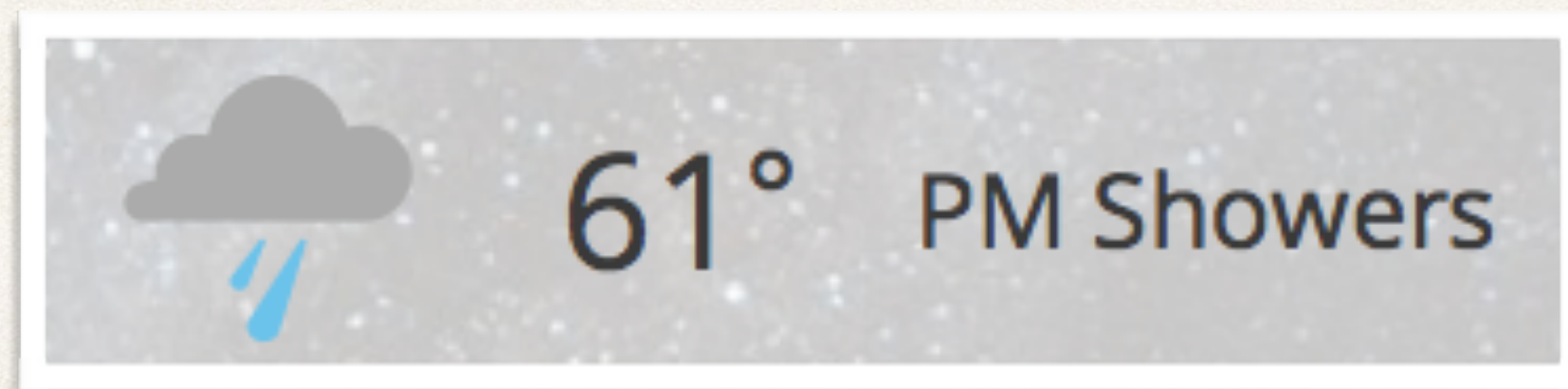
- Mix business code with presentation code
- Not reusable

Option 2: JSP Custom Tags

Best
Practice

- Move heavy business logic into supporting class
- Insert JSP custom tag to use supporting class

```
<demo:weatherReport city="Philadelphia" />
```

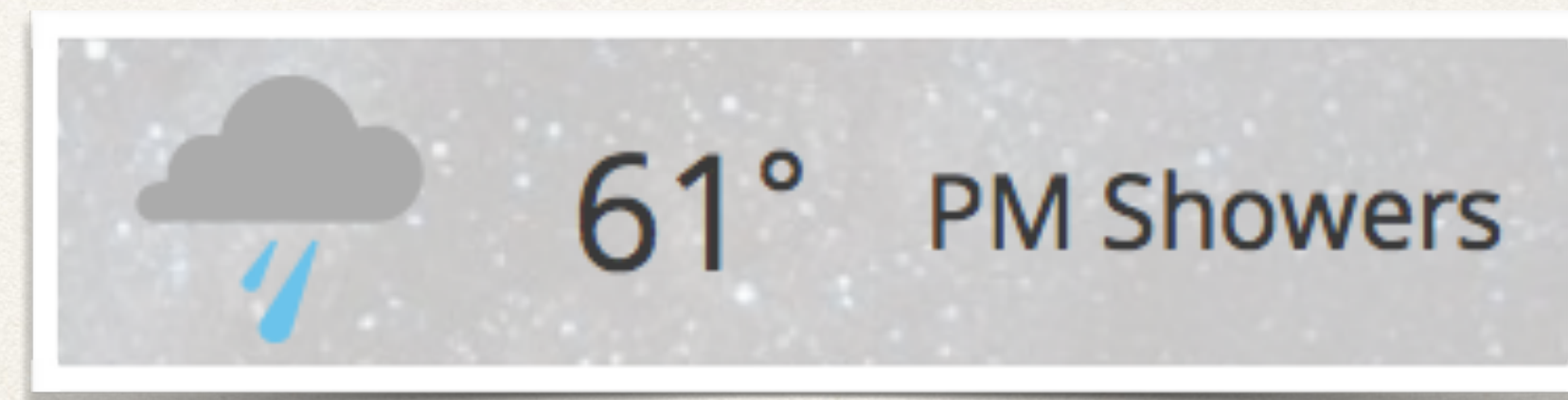


Supporting
Java Class

Benefits of JSP Custom Tags

Best
Practice

- Minimize the amount of scriptlet code in a JSP
- Avoids dumping thousands of lines of code in a JSP
- JSP page is simple ... main focus of JSP is only the presentation
- Tag is reusable



JSP Standard Tag Library (JSTL)

- Oracle created a Specification for standard tags

Core

**Messages
Formatting
I18N**

Functions

XML

SQL

Resources

Name	Website
JSP Custom Tags Tutorial	<u>www.luv2code.com/tagtutorial</u>
JSTL Tutorial	<u>www.luv2code.com/jstltutorial</u>
JSTL web site	<u>http://jstl.java.net</u>

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