

# Encapsulating Core Functionality using JSP Standard Tag Library(JSTL)

---



**Sekhar Srinivasan**

ARCHITECT

@sekharonline4u [www.sekhartheguru.net](http://www.sekhartheguru.net)



# JSTL Features

**Loop**

**Condition Execution**

**Database Access**

**Internationalization**

**XML Processing**



# JSP Standard Tag Library(JSTL)

Core Tags

Formatting Tags

Database Tags

Functions Tags

XML Tags



# Core Tags

---



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

# Syntax

JSTL Core tags



# JSTL

## Core Tags

<c:out>

<c:set>

<c:remove>

<c:catch>

<c:if>

<c:choose>

<c:when>

<c:otherwise>

<c:import>

<c:foreach>

<c:forTokens>

<c:param>

<c:redirect>

<c:url>



# Formatting Tags

---



```
<@taglib prefix="fmt" the uri=" http://java.sun.com/jsp/jstl/fmt " %>
```

## Syntax

To use the JSTL Formatting tags





# JSTL Formatting Tags

- <fmt:formatNumber>
- <fmt:parseNumber>
- <fmt:formatDate>
- <fmt:parseDate>
- <fmt:bundle>
- <fmt:setLocale>
- <fmt:setBundle>
- <fmt:timeZone>
- <fmt:setTimeZone>
- <fmt:message>
- <fmt:requestEncoding>



# SQL Tags

---



```
<% taglib prefix="sql" uri ="http://java.sun.com/jsp/jstl/sql" %>
```

## Syntax

To include the JSTL SQL tag library



# JSTL SQL Tags

`<sql:setDataSource>`

`<sql:query>`

`<sql:update>`

`<sql:param>`

`<sql:dateParam>`

`<sql:transaction>`



# JSTL Functions

---



```
<%@ taglib prefix="fn"  
uri="http://java.sun.com/jsp/jstl/function" %>
```

## Syntax

To include the JSTL Function tag library



# JSTL

## Function Tags

fn:contains  
fn:containsIgnoreCase  
fn:endsWith  
fn:indexOf  
fn:join  
fn:length  
fn:split  
fn:startsWith  
fn:substring  
fn:toUpperCase  
fn:toLowerCase  
fn:trim



# Demo



## Extending Virtual Training Company Application Using JSTL





# Summary



Working with JSTL

Core Tags

Formatting Tags

SQL Tags

JSTL Functions

