

## 22\_jstl 함수

### JSTL Functions - Prefix "fn"

- 컬렉션 길이
  - length
- 문자열 조작
  - toUpperCase, toLowerCase
  - substring, substringAfter, substringBefore
  - trim, replace, indexOf, startsWith, endsWith
  - contains, containsIgnoreCase, split, join, escapeXml

#### Resources

Name	Website
JSP Custom Tags Tutorial	<a href="http://www.luv2code.com/tag-tutorial">www.luv2code.com/tag-tutorial</a>
JSTL Tutorial	<a href="http://www.luv2code.com/jstl-tutorial">www.luv2code.com/jstl-tutorial</a>
JSTL JavaDoc	<a href="http://www.luv2code.com/jstl-javadoc">www.luv2code.com/jstl-javadoc</a>
JSTL Specification PDF	<a href="http://www.luv2code.com/jstl-pdf">www.luv2code.com/jstl-pdf</a>

## JSTL Functions Reference

- Every page that uses the Function tags must include this reference:

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

### 실습

```
<c:set var="data" value="woseven" />
```

문자열 길이 <b>\${data}</b>: \${fn:length(data)}

문자열 길이 woseven: 7

## 23\_jstl-functions-split-join

### Split Function

The **fn:split()** function splits a String  
into an array of substrings  
based on delimiter

**String[] split(String data, String delimiter)**

#### Code Example

```
<c:set var="data" value="Singapore,Tokyo,Mumbai,London" />  
<c:set var="citiesArray" value="{fn:split(data, ',')}" />
```

### Join Function

The **fn:join()** function concatenates a String  
array into single String  
based on a delimiter

**String join(String[] data, String delimiter)**

#### Code Example

```
<c:set var="fun" value="{fn:join(citiesArray, '*')}" />
```

Result of joining: \${fun}

Result of joining: Singapore\*Tokyo\*Mumbai\*London

```

1 <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
2
3 <%@ taglib uri="http://java.sun.com/jsp/jstl/functions" prefix="fn" %>
<html>
<body>

<c:set var="data" value="Singapore,Toyko,Mumbai,London" />

<h3>Split Demo</h3>

<c:set var="citiesArray" value="${fn:split(data, ',')}" />
<c:forEach var="tempCity" items="${citiesArray}" >
    ${tempCity} <br/>
</c:forEach>
</body>
</html>

```

http://localhost:8080/tagdemo/split-join-test.jsp

**Split Demo**

Singapore  
Toyko  
Mumbai  
London

```

1 <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
2
3 <%@ taglib uri="http://java.sun.com/jsp/jstl/functions" prefix="fn" %>
<html>
<body>

<c:set var="data" value="Singapore,Toyko,Mumbai,London" />
<c:forEach var="tempCity" items="${citiesArray}" >
    ${tempCity} <br/>
</c:forEach>

<h3>Join Demo</h3>

<c:set var="fun" value="${fn:join(citiesArray, '*')}" />

Result of joining: ${fun}
</body>
</html>

```

http://localhost:8080/tagdemo/split-join-test.jsp

**Split Demo**

Singapore  
Toyko  
Mumbai  
London

**Join Demo**

Result of joining: Singapore\*Toyko\*Mumbai\*London