

10.6 Basic Syntax

Here is a quick summary of the various JSP constructs you will see in this book.

HTML Text

- **Description:**

HTML content to be passed unchanged to the client

- **Example:**

```
<H1>Blah</H1>
```

- **Discussed in:**

[Section 11.1](#)

HTML Comments

- **Description:**

HTML comment that is sent to the client but not displayed by the browser

- **Example:**

```
<!-- Blah -->
```

- **Discussed in:**

[Section 11.1](#)

Template Text

- **Description:**

Text sent unchanged to the client. HTML text and HTML comments are just special cases of this.

- **Example:**

Anything other than the syntax of the following subsections

- **Discussed in:**

[Section 11.1](#)

JSP Comment

- **Description:**

Developer comment that is not sent to the client

- **Example:**

```
<%-- Blah --%>
```

- **Discussed in:**

[Section 11.1](#)

JSP Expression

- **Description:**

Expression that is evaluated and sent to the client each time the page is requested

- **Example:**

```
<%= Java Value %>
```

- **Discussed in:**

[Section 11.4](#)

JSP Scriptlet

- **Description:**

Statement or statements that are executed each time the page is requested

- **Example:**

```
<% Java Statement %>
```

- **Discussed in:**

[Section 11.7](#)

JSP Declaration

- **Description:**

Field or method that becomes part of class definition when page is translated into a servlet

- **Examples:**

```
<%! Field Definition %>
<%! Method Definition %>
```

- **Discussed in:**

[Section 11.10](#)

JSP Directive

- **Description:**

High-level information about the structure of the servlet code ([page](#)), code that is included at page-translation time ([include](#)), or custom tag libraries used ([taglib](#))

- **Example:**

```
<%@ directive att="val" %>
```

- **Discussed in:**

[page](#): [Chapter 12](#)

[include](#): [Chapter 13](#)

[taglib](#) and [tag](#): Volume 2

JSP Action

- **Description:**

Action that takes place when the page is requested

- **Example:**

```
<jsp:blah>...</jsp:blah>
```

- **Discussed in:**

[jsp:include](#) and related: [Chapter 13](#)

[jsp:useBean](#) and related: [Chapter 14](#)

[jsp:invoke](#) and related: Volume 2

JSP Expression Language Element

- **Description:**

Shorthand JSP expression

- **Example:**

```
${ EL Expression }
```

- **Discussed in:**

[Chapter 16](#)

Custom Tag (Custom Action)

- **Description:**

Invocation of custom tag

- **Example:**

```
<prefix:name>  
Body  
</prefix:name>
```

- **Discussed in:**

Volume 2

Escaped Template Text

- **Description:**

Text that would otherwise be interpreted specially. Slash is removed and remaining text is sent to the client

- **Examples:**

```
< \| %  
% \| >
```

- **Discussed in:**

[Section 11.1](#)

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