

A Brief Overview of Java Server Page (JSP) programming

JSP has four predefined variables:

- request
 - the HttpServletRequest object
- response
 - the HttpServletResponse object
- out
 - PrintWriter object used to send output to client
- session
 - HttpSession object associated with request

JSP includes four scripting elements:

- JSP page directive

```
<%@ page import="java.util.*" %>
```

 - The main use of a JSP page directive is to include imports for the compiler.
- JSP declaration

```
<%! private int accessCount=0; %>
```

 - A JSP declaration is used to define, and possibly initialize, a variable. The declaration is executed only the first time the .jsp page is executed (after translation).
- JSP expression

```
<%= new Date() %>
```

 - A JSP "expression" is used to insert a value directly into the output. The expression is evaluated, converted to a String, and inserted into the page.
- JSP scriptlet

```
<%  
String wordList=(String) session.getAttribute("wordList");  
if(wordList==null)  
{  
    out.println("wordList is empty");  
}
```

```
else
{
    out.println(wordList);
}
%>
```

- A JSP "scriptlet" is a block of Java code that will be executed.

Revision #1

Created 12 January 2019 03:49:30 by Aaron Kimbrell

Updated 12 January 2019 03:56:00 by Aaron Kimbrell