JSP cheat sheet

Directives

Include
Includes a file during the translation phase.
```
<%@ include file = "relative url" >
```

taglib
Declares a tag library, containing custom actions, used in the page
```
<%@ include file = "relative url" >
```
e.g.
```
<%@ taglib prefix="c"
uri="http://java.sun.com/jsp/jstl/core" %>
```

Actions

jsp:include
Includes a file at the time the page is requested.
```
<jsp:include page = "relative URL" />
```

```
<jsp:include page="Header.jsp" >
    <jsp:param name="chapterName"
value="The end" />
</jsp:include>
```

and the parameter accessed using
`${param.chapterName}`

jsp:forward
The forward action terminates the action of the current page and forwards the request to another resource.
```
<jsp:forward page = "Relative URL" />
```

Implicit objects

Request
`${requestScope.foo}`

Parameters coming from the original request (url) are accessed like this:
`${param.foo}`

Session
`${sessionScope.foo}`

Application
`${initParam.foo}`

in servlet:
```
getServletContext().getInitParameter("<at
trib_name>");
```

Standard Tag Library (JSTL)

<c:set>
Sets the result of an expression evaluation in a 'scope'.
```
<c:set var="salary" scope="session"
value="${2000*2}"/>
```

<c:if>
Simple conditional tag which evaluates its body if the supplied condition is true.
```
<c:if test="${salary > 2000}">
    <p>My salary is:  ${salary} /><p>
</c:if>
```

<c:choose>, <c:when> & <c:otherwise>
Simple conditional tag that establishes a context for mutually exclusive conditional operations, marked by <when> and <otherwise>.
```
<c:choose>
    <c:when test = "${salary <= 0}">
        Salary is very low to survive.
    </c:when>

    <c:when test = "${salary > 1000}">
        Salary is very good.
    </c:when>

    <c:otherwise>
        No comment sir...
    </c:otherwise>
</c:choose>
```

<c:forEach>
The basic iteration tag, accepting many different collection types and supporting subsetting and other functionality.
```
<ul>
<c:forEach var = "i" begin = "1" end =
"5">
    <li>Item ${i}</li>
</c:forEach>
</ul>
```

or
```
<c:forEach var = "i" items="${mylist}">
    <li>Item ${i}</li>
</c:forEach>
```

<c:redirect >
Redirects to a new URL.
```
<c:redirect url =
"http://www.example.com"/>
```

<c:url>
Creates a URL with optional query parameters
```
<a href = "<c:url value =
"foo.html"/>">Foo</a>
```