

Inherited Member Summary

Methods inherited from class **Object**

`clone()`, `finalize()`, `getClass()`, `notify()`, `notifyAll()`, `wait(long, int)`, `wait(long, int)`, `wait(long, int)`

Methods inherited from class **Permission**

`checkGuard(Object)`, `getName()`, `newPermissionCollection()`, `toString()`

Constructors

WebResourcePermission(HttpServletRequest)

```
public WebResourcePermission(javax.servlet.http.HttpServletRequest request)
```

Creates a new WebResourcePermission from the HttpServletRequest object.

Parameters:

`request` - the HttpServletRequest object corresponding to the Servlet operation to which the permission pertains. The permission name is the substring of the requestURI (`HttpServletRequest.getRequestURI()`) that begins after the contextPath (`HttpServletRequest.getContextPath()`). When the substring operation yields the string “/”, the permission is constructed with the empty string as its name. The permission’s actions field is obtained from `HttpServletRequest.getMethod()`.

No processing (for example, welcome file processing) in addition to that described above must be required to establish the permission name from the request parameter.

WebResourcePermission(String, String)

```
public WebResourcePermission(java.lang.String name, java.lang.String actions)
```

Creates a new WebResourcePermission with the specified name and actions.

The name contains a URLPatternSpec that identifies the web resources to which the permissions applies. The syntax of a URLPatternSpec is as follows:

```
URLPatternList ::= URLPattern | URLPatternList colon URLPattern
URLPatternSpec ::= null | URLPattern | URLPattern colon URLPatternList
```

A null URLPatternSpec is translated to the default URLPattern, “/”, by the permission constructor. The empty string is an exact URLPattern, and may occur anywhere in a URLPatternSpec that an exact URLPattern may occur. The first URLPattern in a URLPatternSpec may be any of the pattern types, exact, path-prefix, extension, or default as defined in the *Java Servlet Specification*). When a URLPatternSpec includes a URLPatternList, the patterns of the URLPatternList identify the resources to which the permission does NOT apply and depend on the pattern type and value of the first pattern as follows:

- No pattern may exist in the URLPatternList that matches the first pattern.
- If the first pattern is a path-prefix pattern, only exact patterns matched by the first pattern and path-prefix patterns matched by, but different from, the first pattern may occur in the URLPatternList.