A null or empty string HTTPMethodSpec indicates that the permission applies to all HTTP methods at the resources identified by the URL pattern.

If the HTTPMethodSpec contains an HTTPMethodExceptionList (i.e., it begins with an exclamation-point), the permission pertains to all methods except those occurring in the exception list.

**Parameters:**

- **name** - the URLPatternSpec that identifies the application specific web resources to which the permission pertains. All URLPatterns in the URLPatternSpec are relative to the context path of the deployed web application module, and the same URLPattern must not occur more than once in a URLPatternSpec. A null URLPatternSpec is translated to the default URLPattern, “/”, by the permission constructor. All colons occurring within the URLPattern elements of the URLPatternSpec must be represented in escaped encoding as defined in RFC 2396.

- **actions** - identifies the HTTP methods to which the permission pertains. If the value passed through this parameter is null or the empty string, then the permission pertains to all the possible HTTP methods.


```java
```

Creates a new WebResourcePermission with name corresponding to the URLPatternSpec, and actions composed from the array of HTTP methods.

**Parameters:**

- **urlPatternSpec** - the URLPatternSpec that identifies the application specific web resources to which the permission pertains. All URLPatterns in the URLPatternSpec are relative to the context path of the deployed web application module, and the same URLPattern must not occur more than once in a URLPatternSpec. A null URLPatternSpec is translated to the default URLPattern, “/”, by the permission constructor. All colons occurring within the URLPattern elements of the URLPatternSpec must be represented in escaped encoding as defined in RFC 2396.

- **HTTPMethods** - an array of strings each element of which contains the value of an HTTP method. If the value passed through this parameter is null or is an array with no elements, then the permission pertains to all the possible HTTP methods.

**WebResourcePermission(javax.servlet.http.HttpServletRequest request)**

```java
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(). The constructor must transform all colon characters occurring in the name to escaped encoding as defined in RFC 2396.