| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/CookieStore.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/net/CookiePolicy.html)   [**NEXT CLASS**](http://docs.google.com/java/net/DatagramPacket.html) | [**FRAMES**](http://docs.google.com/index.html?java/net/CookieStore.html)    [**NO FRAMES**](http://docs.google.com/CookieStore.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **java.net**

Interface CookieStore

public interface **CookieStore**

A CookieStore object represents a storage for cookie. Can store and retrieve cookies.

[CookieManager](http://docs.google.com/java/net/CookieManager.html) will call CookieStore.add to save cookies for every incoming HTTP response, and call CookieStore.get to retrieve cookie for every outgoing HTTP request. A CookieStore is responsible for removing HttpCookie instances which have expired.

**Since:** 1.6

| **Method Summary** | |
| --- | --- |
| void | [**add**](http://docs.google.com/java/net/CookieStore.html#add(java.net.URI,%20java.net.HttpCookie))([URI](http://docs.google.com/java/net/URI.html) uri, [HttpCookie](http://docs.google.com/java/net/HttpCookie.html) cookie)            Adds one HTTP cookie to the store. |
| [List](http://docs.google.com/java/util/List.html)<[HttpCookie](http://docs.google.com/java/net/HttpCookie.html)> | [**get**](http://docs.google.com/java/net/CookieStore.html#get(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Retrieve cookies associated with given URI, or whose domain matches the given URI. |
| [List](http://docs.google.com/java/util/List.html)<[HttpCookie](http://docs.google.com/java/net/HttpCookie.html)> | [**getCookies**](http://docs.google.com/java/net/CookieStore.html#getCookies())()            Get all not-expired cookies in cookie store. |
| [List](http://docs.google.com/java/util/List.html)<[URI](http://docs.google.com/java/net/URI.html)> | [**getURIs**](http://docs.google.com/java/net/CookieStore.html#getURIs())()            Get all URIs which identify the cookies in this cookie store. |
| boolean | [**remove**](http://docs.google.com/java/net/CookieStore.html#remove(java.net.URI,%20java.net.HttpCookie))([URI](http://docs.google.com/java/net/URI.html) uri, [HttpCookie](http://docs.google.com/java/net/HttpCookie.html) cookie)            Remove a cookie from store. |
| boolean | [**removeAll**](http://docs.google.com/java/net/CookieStore.html#removeAll())()            Remove all cookies in this cookie store. |

| **Method Detail** |
| --- |

### add

void **add**([URI](http://docs.google.com/java/net/URI.html) uri,  
 [HttpCookie](http://docs.google.com/java/net/HttpCookie.html) cookie)

Adds one HTTP cookie to the store. This is called for every incoming HTTP response.

A cookie to store may or may not be associated with an URI. If it is not associated with an URI, the cookie's domain and path attribute will indicate where it comes from. If it is associated with an URI and its domain and path attribute are not speicifed, given URI will indicate where this cookie comes from.

If a cookie corresponding to the given URI already exists, then it is replaced with the new one.

**Parameters:**uri - the uri this cookie associated with. if null, this cookie will not be associated with an URIcookie - the cookie to store **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if cookie is null**See Also:**[get(java.net.URI)](http://docs.google.com/java/net/CookieStore.html#get(java.net.URI))

### get

[List](http://docs.google.com/java/util/List.html)<[HttpCookie](http://docs.google.com/java/net/HttpCookie.html)> **get**([URI](http://docs.google.com/java/net/URI.html) uri)

Retrieve cookies associated with given URI, or whose domain matches the given URI. Only cookies that have not expired are returned. This is called for every outgoing HTTP request.

**Returns:**an immutable list of HttpCookie, return empty list if no cookies match the given URI **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if uri is null**See Also:**[add(java.net.URI, java.net.HttpCookie)](http://docs.google.com/java/net/CookieStore.html#add(java.net.URI,%20java.net.HttpCookie))

### getCookies

[List](http://docs.google.com/java/util/List.html)<[HttpCookie](http://docs.google.com/java/net/HttpCookie.html)> **getCookies**()

Get all not-expired cookies in cookie store.

**Returns:**an immutable list of http cookies; return empty list if there's no http cookie in store

### getURIs

[List](http://docs.google.com/java/util/List.html)<[URI](http://docs.google.com/java/net/URI.html)> **getURIs**()

Get all URIs which identify the cookies in this cookie store.

**Returns:**an immutable list of URIs; return empty list if no cookie in this cookie store is associated with an URI

### remove

boolean **remove**([URI](http://docs.google.com/java/net/URI.html) uri,  
 [HttpCookie](http://docs.google.com/java/net/HttpCookie.html) cookie)

Remove a cookie from store.

**Parameters:**uri - the uri this cookie associated with. if null, the cookie to be removed is not associated with an URI when added; if not null, the cookie to be removed is associated with the given URI when added.cookie - the cookie to remove **Returns:**true if this store contained the specified cookie **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if cookie is null

### removeAll

boolean **removeAll**()

Remove all cookies in this cookie store.

**Returns:**true if this store changed as a result of the call

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/CookieStore.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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