| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/net/URLConnection.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/net//class-useURLConnection.html)    [**NO FRAMES**](http://docs.google.com/URLConnection.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.net.URLConnection**

| Packages that use [URLConnection](http://docs.google.com/java/net/URLConnection.html) | |
| --- | --- |
| [**java.net**](#3znysh7) | Provides the classes for implementing networking applications. |
| [**javax.net.ssl**](#2et92p0) | Provides classes for the secure socket package. |

| Uses of [URLConnection](http://docs.google.com/java/net/URLConnection.html) in [java.net](http://docs.google.com/java/net/package-summary.html) | |
| --- | --- |

| Subclasses of [URLConnection](http://docs.google.com/java/net/URLConnection.html) in [java.net](http://docs.google.com/java/net/package-summary.html) | |
| --- | --- |
| class | [**HttpURLConnection**](http://docs.google.com/java/net/HttpURLConnection.html)            A URLConnection with support for HTTP-specific features. |
| class | [**JarURLConnection**](http://docs.google.com/java/net/JarURLConnection.html)            A URL Connection to a Java ARchive (JAR) file or an entry in a JAR file. |

| Fields in [java.net](http://docs.google.com/java/net/package-summary.html) declared as [URLConnection](http://docs.google.com/java/net/URLConnection.html) | |
| --- | --- |
| protected  [URLConnection](http://docs.google.com/java/net/URLConnection.html) | **JarURLConnection.**[**jarFileURLConnection**](http://docs.google.com/java/net/JarURLConnection.html#jarFileURLConnection)            The connection to the JAR file URL, if the connection has been initiated. |

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) that return [URLConnection](http://docs.google.com/java/net/URLConnection.html) | |
| --- | --- |
| [URLConnection](http://docs.google.com/java/net/URLConnection.html) | **URL.**[**openConnection**](http://docs.google.com/java/net/URL.html#openConnection())()            Returns a URLConnection object that represents a connection to the remote object referred to by the URL. |
| [URLConnection](http://docs.google.com/java/net/URLConnection.html) | **URL.**[**openConnection**](http://docs.google.com/java/net/URL.html#openConnection(java.net.Proxy))([Proxy](http://docs.google.com/java/net/Proxy.html) proxy)            Same as openConnection(), except that the connection will be made through the specified proxy; Protocol handlers that do not support proxing will ignore the proxy parameter and make a normal connection. |
| protected abstract  [URLConnection](http://docs.google.com/java/net/URLConnection.html) | **URLStreamHandler.**[**openConnection**](http://docs.google.com/java/net/URLStreamHandler.html#openConnection(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) u)            Opens a connection to the object referenced by the URL argument. |
| protected  [URLConnection](http://docs.google.com/java/net/URLConnection.html) | **URLStreamHandler.**[**openConnection**](http://docs.google.com/java/net/URLStreamHandler.html#openConnection(java.net.URL,%20java.net.Proxy))([URL](http://docs.google.com/java/net/URL.html) u, [Proxy](http://docs.google.com/java/net/Proxy.html) p)            Same as openConnection(URL), except that the connection will be made through the specified proxy; Protocol handlers that do not support proxying will ignore the proxy parameter and make a normal connection. |

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) with parameters of type [URLConnection](http://docs.google.com/java/net/URLConnection.html) | |
| --- | --- |
| abstract  [Object](http://docs.google.com/java/lang/Object.html) | **ContentHandler.**[**getContent**](http://docs.google.com/java/net/ContentHandler.html#getContent(java.net.URLConnection))([URLConnection](http://docs.google.com/java/net/URLConnection.html) urlc)            Given a URL connect stream positioned at the beginning of the representation of an object, this method reads that stream and creates an object from it. |
| [Object](http://docs.google.com/java/lang/Object.html) | **ContentHandler.**[**getContent**](http://docs.google.com/java/net/ContentHandler.html#getContent(java.net.URLConnection,%20java.lang.Class%5B%5D))([URLConnection](http://docs.google.com/java/net/URLConnection.html) urlc, [Class](http://docs.google.com/java/lang/Class.html)[] classes)            Given a URL connect stream positioned at the beginning of the representation of an object, this method reads that stream and creates an object that matches one of the types specified. |
| abstract  [CacheRequest](http://docs.google.com/java/net/CacheRequest.html) | **ResponseCache.**[**put**](http://docs.google.com/java/net/ResponseCache.html#put(java.net.URI,%20java.net.URLConnection))([URI](http://docs.google.com/java/net/URI.html) uri, [URLConnection](http://docs.google.com/java/net/URLConnection.html) conn)            The protocol handler calls this method after a resource has been retrieved, and the ResponseCache must decide whether or not to store the resource in its cache. |

| Uses of [URLConnection](http://docs.google.com/java/net/URLConnection.html) in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) | |
| --- | --- |

| Subclasses of [URLConnection](http://docs.google.com/java/net/URLConnection.html) in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) | |
| --- | --- |
| class | [**HttpsURLConnection**](http://docs.google.com/javax/net/ssl/HttpsURLConnection.html)            HttpsURLConnection extends HttpURLConnection with support for https-specific features. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/net/URLConnection.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/net//class-useURLConnection.html)    [**NO FRAMES**](http://docs.google.com/URLConnection.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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