| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/net/URI.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-useURI.html)    [**NO FRAMES**](http://docs.google.com/URI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.net.URI**

| Packages that use [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.io**](#2et92p0) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.net**](#tyjcwt) | Provides the classes for implementing networking applications. |
| [**java.security**](#3dy6vkm) | Provides the classes and interfaces for the security framework. |
| [**javax.print**](#1t3h5sf) | Provides the principal classes and interfaces for the JavaTM Print Service API. |
| [**javax.print.attribute**](#4d34og8) | Provides classes and interfaces that describe the types of JavaTM Print Service attributes and how they can be collected into attribute sets. |
| [**javax.print.attribute.standard**](#2s8eyo1) | Package javax.print.attribute.standard contains classes for specific printing attributes. |
| [**javax.tools**](#17dp8vu) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |

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

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| void | **Desktop.**[**browse**](http://docs.google.com/java/awt/Desktop.html#browse(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Launches the default browser to display a URI. |
| void | **Desktop.**[**mail**](http://docs.google.com/java/awt/Desktop.html#mail(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) mailtoURI)            Launches the mail composing window of the user default mail client, filling the message fields specified by a mailto: URI. |

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

| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) that return [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [URI](http://docs.google.com/java/net/URI.html) | **File.**[**toURI**](http://docs.google.com/java/io/File.html#toURI())()            Constructs a file: URI that represents this abstract pathname. |

| Constructors in [java.io](http://docs.google.com/java/io/package-summary.html) with parameters of type [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [**File**](http://docs.google.com/java/io/File.html#File(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Creates a new File instance by converting the given file: URI into an abstract pathname. |

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

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) that return [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| static [URI](http://docs.google.com/java/net/URI.html) | **URI.**[**create**](http://docs.google.com/java/net/URI.html#create(java.lang.String))([String](http://docs.google.com/java/lang/String.html) str)            Creates a URI by parsing the given string. |
| [URI](http://docs.google.com/java/net/URI.html) | **URI.**[**normalize**](http://docs.google.com/java/net/URI.html#normalize())()            Normalizes this URI's path. |
| [URI](http://docs.google.com/java/net/URI.html) | **URI.**[**parseServerAuthority**](http://docs.google.com/java/net/URI.html#parseServerAuthority())()            Attempts to parse this URI's authority component, if defined, into user-information, host, and port components. |
| [URI](http://docs.google.com/java/net/URI.html) | **URI.**[**relativize**](http://docs.google.com/java/net/URI.html#relativize(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Relativizes the given URI against this URI. |
| [URI](http://docs.google.com/java/net/URI.html) | **URI.**[**resolve**](http://docs.google.com/java/net/URI.html#resolve(java.lang.String))([String](http://docs.google.com/java/lang/String.html) str)            Constructs a new URI by parsing the given string and then resolving it against this URI. |
| [URI](http://docs.google.com/java/net/URI.html) | **URI.**[**resolve**](http://docs.google.com/java/net/URI.html#resolve(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Resolves the given URI against this URI. |
| [URI](http://docs.google.com/java/net/URI.html) | **URL.**[**toURI**](http://docs.google.com/java/net/URL.html#toURI())()            Returns a [URI](http://docs.google.com/java/net/URI.html) equivalent to this URL. |

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) that return types with arguments of type [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [List](http://docs.google.com/java/util/List.html)<[URI](http://docs.google.com/java/net/URI.html)> | **CookieStore.**[**getURIs**](http://docs.google.com/java/net/CookieStore.html#getURIs())()            Get all URIs which identify the cookies in this cookie store. |

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) with parameters of type [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| void | **CookieStore.**[**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. |
| int | **URI.**[**compareTo**](http://docs.google.com/java/net/URI.html#compareTo(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) that)            Compares this URI to another object, which must be a URI. |
| abstract  void | **ProxySelector.**[**connectFailed**](http://docs.google.com/java/net/ProxySelector.html#connectFailed(java.net.URI,%20java.net.SocketAddress,%20java.io.IOException))([URI](http://docs.google.com/java/net/URI.html) uri, [SocketAddress](http://docs.google.com/java/net/SocketAddress.html) sa, [IOException](http://docs.google.com/java/io/IOException.html) ioe)            Called to indicate that a connection could not be established to a proxy/socks server. |
| [List](http://docs.google.com/java/util/List.html)<[HttpCookie](http://docs.google.com/java/net/HttpCookie.html)> | **CookieStore.**[**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. |
| [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[List](http://docs.google.com/java/util/List.html)<[String](http://docs.google.com/java/lang/String.html)>> | **CookieManager.**[**get**](http://docs.google.com/java/net/CookieManager.html#get(java.net.URI,%20java.util.Map))([URI](http://docs.google.com/java/net/URI.html) uri, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[List](http://docs.google.com/java/util/List.html)<[String](http://docs.google.com/java/lang/String.html)>> requestHeaders) |
| abstract  [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[List](http://docs.google.com/java/util/List.html)<[String](http://docs.google.com/java/lang/String.html)>> | **CookieHandler.**[**get**](http://docs.google.com/java/net/CookieHandler.html#get(java.net.URI,%20java.util.Map))([URI](http://docs.google.com/java/net/URI.html) uri, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[List](http://docs.google.com/java/util/List.html)<[String](http://docs.google.com/java/lang/String.html)>> requestHeaders)            Gets all the applicable cookies from a cookie cache for the specified uri in the request header. |
| abstract  [CacheResponse](http://docs.google.com/java/net/CacheResponse.html) | **ResponseCache.**[**get**](http://docs.google.com/java/net/ResponseCache.html#get(java.net.URI,%20java.lang.String,%20java.util.Map))([URI](http://docs.google.com/java/net/URI.html) uri, [String](http://docs.google.com/java/lang/String.html) rqstMethod, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[List](http://docs.google.com/java/util/List.html)<[String](http://docs.google.com/java/lang/String.html)>> rqstHeaders)            Retrieve the cached response based on the requesting uri, request method and request headers. |
| void | **CookieManager.**[**put**](http://docs.google.com/java/net/CookieManager.html#put(java.net.URI,%20java.util.Map))([URI](http://docs.google.com/java/net/URI.html) uri, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[List](http://docs.google.com/java/util/List.html)<[String](http://docs.google.com/java/lang/String.html)>> responseHeaders) |
| abstract  void | **CookieHandler.**[**put**](http://docs.google.com/java/net/CookieHandler.html#put(java.net.URI,%20java.util.Map))([URI](http://docs.google.com/java/net/URI.html) uri, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[List](http://docs.google.com/java/util/List.html)<[String](http://docs.google.com/java/lang/String.html)>> responseHeaders)            Sets all the applicable cookies, examples are response header fields that are named Set-Cookie2, present in the response headers into a cookie cache. |
| 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. |
| [URI](http://docs.google.com/java/net/URI.html) | **URI.**[**relativize**](http://docs.google.com/java/net/URI.html#relativize(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Relativizes the given URI against this URI. |
| boolean | **CookieStore.**[**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. |
| [URI](http://docs.google.com/java/net/URI.html) | **URI.**[**resolve**](http://docs.google.com/java/net/URI.html#resolve(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Resolves the given URI against this URI. |
| abstract  [List](http://docs.google.com/java/util/List.html)<[Proxy](http://docs.google.com/java/net/Proxy.html)> | **ProxySelector.**[**select**](http://docs.google.com/java/net/ProxySelector.html#select(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Selects all the applicable proxies based on the protocol to access the resource with and a destination address to access the resource at. |
| boolean | **CookiePolicy.**[**shouldAccept**](http://docs.google.com/java/net/CookiePolicy.html#shouldAccept(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)            Will be called to see whether or not this cookie should be accepted. |

| Uses of [URI](http://docs.google.com/java/net/URI.html) in [java.security](http://docs.google.com/java/security/package-summary.html) | |
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| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) that return [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [URI](http://docs.google.com/java/net/URI.html) | **URIParameter.**[**getURI**](http://docs.google.com/java/security/URIParameter.html#getURI())()            Returns the URI. |

| Constructors in [java.security](http://docs.google.com/java/security/package-summary.html) with parameters of type [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [**URIParameter**](http://docs.google.com/java/security/URIParameter.html#URIParameter(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Constructs a URIParameter with the URI pointing to data intended for an SPI implementation. |

| Uses of [URI](http://docs.google.com/java/net/URI.html) in [javax.print](http://docs.google.com/javax/print/package-summary.html) | |
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| Methods in [javax.print](http://docs.google.com/javax/print/package-summary.html) that return [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [URI](http://docs.google.com/java/net/URI.html) | **URIException.**[**getUnsupportedURI**](http://docs.google.com/javax/print/URIException.html#getUnsupportedURI())()            Return the URI. |

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

| Methods in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) that return [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [URI](http://docs.google.com/java/net/URI.html) | **URISyntax.**[**getURI**](http://docs.google.com/javax/print/attribute/URISyntax.html#getURI())()            Returns this URI attribute's URI value. |

| Constructors in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) with parameters of type [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [**URISyntax**](http://docs.google.com/javax/print/attribute/URISyntax.html#URISyntax(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Constructs a URI attribute with the specified URI. |

| Uses of [URI](http://docs.google.com/java/net/URI.html) in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) | |
| --- | --- |

| Constructors in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) with parameters of type [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [**Destination**](http://docs.google.com/javax/print/attribute/standard/Destination.html#Destination(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Constructs a new destination attribute with the specified URI. |
| [**PrinterMoreInfo**](http://docs.google.com/javax/print/attribute/standard/PrinterMoreInfo.html#PrinterMoreInfo(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Constructs a new printer more info attribute with the specified URI. |
| [**PrinterMoreInfoManufacturer**](http://docs.google.com/javax/print/attribute/standard/PrinterMoreInfoManufacturer.html#PrinterMoreInfoManufacturer(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Constructs a new printer more info manufacturer attribute with the specified URI. |
| [**PrinterURI**](http://docs.google.com/javax/print/attribute/standard/PrinterURI.html#PrinterURI(java.net.URI))([URI](http://docs.google.com/java/net/URI.html) uri)            Constructs a new PrinterURI attribute with the specified URI. |

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

| Fields in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) declared as [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| protected  [URI](http://docs.google.com/java/net/URI.html) | **SimpleJavaFileObject.**[**uri**](http://docs.google.com/javax/tools/SimpleJavaFileObject.html#uri)            A URI for this file object. |

| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) that return [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [URI](http://docs.google.com/java/net/URI.html) | **SimpleJavaFileObject.**[**toUri**](http://docs.google.com/javax/tools/SimpleJavaFileObject.html#toUri())() |
| [URI](http://docs.google.com/java/net/URI.html) | **ForwardingFileObject.**[**toUri**](http://docs.google.com/javax/tools/ForwardingFileObject.html#toUri())() |
| [URI](http://docs.google.com/java/net/URI.html) | **FileObject.**[**toUri**](http://docs.google.com/javax/tools/FileObject.html#toUri())()            Returns a URI identifying this file object. |

| Constructors in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) with parameters of type [URI](http://docs.google.com/java/net/URI.html) | |
| --- | --- |
| [**SimpleJavaFileObject**](http://docs.google.com/javax/tools/SimpleJavaFileObject.html#SimpleJavaFileObject(java.net.URI,%20javax.tools.JavaFileObject.Kind))([URI](http://docs.google.com/java/net/URI.html) uri, [JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html) kind)            Construct a SimpleJavaFileObject of the given kind and with the given URI. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/net/URI.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-useURI.html)    [**NO FRAMES**](http://docs.google.com/URI.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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