| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/URLEncoder.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/URLDecoder.html)   [**NEXT CLASS**](http://docs.google.com/java/net/URLStreamHandler.html) | [**FRAMES**](http://docs.google.com/index.html?java/net/URLEncoder.html)    [**NO FRAMES**](http://docs.google.com/URLEncoder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

## **java.net**

Class URLEncoder

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.net.URLEncoder**

public class **URLEncoder**extends [Object](http://docs.google.com/java/lang/Object.html)

Utility class for HTML form encoding. This class contains static methods for converting a String to the application/x-www-form-urlencoded MIME format. For more information about HTML form encoding, consult the HTML [specification](http://www.w3.org/TR/html4/).

When encoding a String, the following rules apply:

* The alphanumeric characters "a" through "z", "A" through "Z" and "0" through "9" remain the same.
* The special characters ".", "-", "\*", and "\_" remain the same.
* The space character " " is converted into a plus sign "+".
* All other characters are unsafe and are first converted into one or more bytes using some encoding scheme. Then each byte is represented by the 3-character string "%*xy*", where *xy* is the two-digit hexadecimal representation of the byte. The recommended encoding scheme to use is UTF-8. However, for compatibility reasons, if an encoding is not specified, then the default encoding of the platform is used.

For example using UTF-8 as the encoding scheme the string "The string ü@foo-bar" would get converted to "The+string+%C3%BC%40foo-bar" because in UTF-8 the character ü is encoded as two bytes C3 (hex) and BC (hex), and the character @ is encoded as one byte 40 (hex).

**Since:** JDK1.0

| **Method Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**encode**](http://docs.google.com/java/net/URLEncoder.html#encode(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)  **Deprecated.** *The resulting string may vary depending on the platform's default encoding. Instead, use the encode(String,String) method to specify the encoding.* |
| static [String](http://docs.google.com/java/lang/String.html) | [**encode**](http://docs.google.com/java/net/URLEncoder.html#encode(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) s, [String](http://docs.google.com/java/lang/String.html) enc)            Translates a string into application/x-www-form-urlencoded format using a specific encoding scheme. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

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

### encode

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
public static [String](http://docs.google.com/java/lang/String.html) **encode**([String](http://docs.google.com/java/lang/String.html) s)

**Deprecated.** *The resulting string may vary depending on the platform's default encoding. Instead, use the encode(String,String) method to specify the encoding.*

Translates a string into x-www-form-urlencoded format. This method uses the platform's default encoding as the encoding scheme to obtain the bytes for unsafe characters.

**Parameters:**s - String to be translated. **Returns:**the translated String.

### encode

public static [String](http://docs.google.com/java/lang/String.html) **encode**([String](http://docs.google.com/java/lang/String.html) s,  
 [String](http://docs.google.com/java/lang/String.html) enc)  
 throws [UnsupportedEncodingException](http://docs.google.com/java/io/UnsupportedEncodingException.html)

Translates a string into application/x-www-form-urlencoded format using a specific encoding scheme. This method uses the supplied encoding scheme to obtain the bytes for unsafe characters.

***Note:*** *The*  [*World Wide Web Consortium Recommendation*](http://www.w3.org/TR/html40/appendix/notes.html#non-ascii-chars) *states that UTF-8 should be used. Not doing so may introduce incompatibilites.*

**Parameters:**s - String to be translated.enc - The name of a supported [character encoding](http://docs.google.com/lang/package-summary.html#charenc). **Returns:**the translated String. **Throws:** [UnsupportedEncodingException](http://docs.google.com/java/io/UnsupportedEncodingException.html) - If the named encoding is not supported**Since:** 1.4 **See Also:**[URLDecoder.decode(java.lang.String, java.lang.String)](http://docs.google.com/java/net/URLDecoder.html#decode(java.lang.String,%20java.lang.String))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/URLEncoder.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/URLDecoder.html)   [**NEXT CLASS**](http://docs.google.com/java/net/URLStreamHandler.html) | [**FRAMES**](http://docs.google.com/index.html?java/net/URLEncoder.html)    [**NO FRAMES**](http://docs.google.com/URLEncoder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).