| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NormalizedStringAdapter.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/javax/xml/bind/annotation/adapters/HexBinaryAdapter.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/annotation/adapters/NormalizedStringAdapter.html)    [**NO FRAMES**](http://docs.google.com/NormalizedStringAdapter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.xml.bind.annotation.adapters**

Class NormalizedStringAdapter

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.xml.bind.annotation.adapters.XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)<[String](http://docs.google.com/java/lang/String.html),[String](http://docs.google.com/java/lang/String.html)>  
 **javax.xml.bind.annotation.adapters.NormalizedStringAdapter**

public final class **NormalizedStringAdapter**extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)<[String](http://docs.google.com/java/lang/String.html),[String](http://docs.google.com/java/lang/String.html)>

[XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) to handle xs:normalizedString.

This adapter removes leading and trailing whitespaces, then replace any tab, CR, and LF by a whitespace character ' '.

**Since:** JAXB 2.0

| **Constructor Summary** | |
| --- | --- |
| [**NormalizedStringAdapter**](http://docs.google.com/javax/xml/bind/annotation/adapters/NormalizedStringAdapter.html#NormalizedStringAdapter())() |

| **Method Summary** | |
| --- | --- |
| protected static boolean | [**isWhiteSpaceExceptSpace**](http://docs.google.com/javax/xml/bind/annotation/adapters/NormalizedStringAdapter.html#isWhiteSpaceExceptSpace(char))(char ch)            Returns true if the specified char is a white space character but not 0x20. |
| [String](http://docs.google.com/java/lang/String.html) | [**marshal**](http://docs.google.com/javax/xml/bind/annotation/adapters/NormalizedStringAdapter.html#marshal(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            No-op. |
| [String](http://docs.google.com/java/lang/String.html) | [**unmarshal**](http://docs.google.com/javax/xml/bind/annotation/adapters/NormalizedStringAdapter.html#unmarshal(java.lang.String))([String](http://docs.google.com/java/lang/String.html) text)            Removes leading and trailing whitespaces of the string given as the parameter, then replace any tab, CR, and LF by a whitespace character ' '. |

| **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)) |

| **Constructor Detail** |
| --- |

### NormalizedStringAdapter

public **NormalizedStringAdapter**()

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

### unmarshal

public [String](http://docs.google.com/java/lang/String.html) **unmarshal**([String](http://docs.google.com/java/lang/String.html) text)

Removes leading and trailing whitespaces of the string given as the parameter, then replace any tab, CR, and LF by a whitespace character ' '.

**Specified by:**[unmarshal](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html#unmarshal(ValueType)) in class [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)<[String](http://docs.google.com/java/lang/String.html),[String](http://docs.google.com/java/lang/String.html)> **Parameters:**text - The value to be converted. Can be null.

### marshal

public [String](http://docs.google.com/java/lang/String.html) **marshal**([String](http://docs.google.com/java/lang/String.html) s)

No-op. Just return the same string given as the parameter.

**Specified by:**[marshal](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html#marshal(BoundType)) in class [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)<[String](http://docs.google.com/java/lang/String.html),[String](http://docs.google.com/java/lang/String.html)> **Parameters:**s - The value to be convereted. Can be null.

### isWhiteSpaceExceptSpace

protected static boolean **isWhiteSpaceExceptSpace**(char ch)

Returns true if the specified char is a white space character but not 0x20.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NormalizedStringAdapter.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/javax/xml/bind/annotation/adapters/HexBinaryAdapter.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/annotation/adapters/NormalizedStringAdapter.html)    [**NO FRAMES**](http://docs.google.com/NormalizedStringAdapter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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