| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.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?javax/xml/bind/annotation/adapters//class-useXmlAdapter.html)    [**NO FRAMES**](http://docs.google.com/XmlAdapter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.xml.bind.annotation.adapters.XmlAdapter**

| Packages that use [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) | |
| --- | --- |
| [**javax.xml.bind**](#3znysh7) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.bind.annotation.adapters**](#2et92p0) | [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) and its spec-defined sub-classes to allow arbitrary Java classes to be used with JAXB. |
| [**javax.xml.bind.helpers**](#tyjcwt) | **JAXB Provider Use Only:** Provides partial default implementations for some of the javax.xml.bind interfaces. |

| Uses of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) with type parameters of type [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) | |
| --- | --- |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  A | | --- | | **Marshaller.**[**getAdapter**](http://docs.google.com/javax/xml/bind/Marshaller.html#getAdapter(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> type)            Gets the adapter associated with the specified type. |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  A | | --- | | **Unmarshaller.**[**getAdapter**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#getAdapter(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> type)            Gets the adapter associated with the specified type. |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  void | | --- | | **Marshaller.**[**setAdapter**](http://docs.google.com/javax/xml/bind/Marshaller.html#setAdapter(java.lang.Class,%20A))([Class](http://docs.google.com/java/lang/Class.html)<A> type, A adapter)            Associates a configured instance of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) with this marshaller. |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  void | | --- | | **Unmarshaller.**[**setAdapter**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#setAdapter(java.lang.Class,%20A))([Class](http://docs.google.com/java/lang/Class.html)<A> type, A adapter)            Associates a configured instance of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) with this unmarshaller. |

| Methods in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) with parameters of type [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) | |
| --- | --- |
| void | **Marshaller.**[**setAdapter**](http://docs.google.com/javax/xml/bind/Marshaller.html#setAdapter(javax.xml.bind.annotation.adapters.XmlAdapter))([XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) adapter)            Associates a configured instance of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) with this marshaller. |
| void | **Unmarshaller.**[**setAdapter**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#setAdapter(javax.xml.bind.annotation.adapters.XmlAdapter))([XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) adapter)            Associates a configured instance of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) with this unmarshaller. |

| Uses of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) in [javax.xml.bind.annotation.adapters](http://docs.google.com/javax/xml/bind/annotation/adapters/package-summary.html) | |
| --- | --- |

| Subclasses of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) in [javax.xml.bind.annotation.adapters](http://docs.google.com/javax/xml/bind/annotation/adapters/package-summary.html) | |
| --- | --- |
| class | [**CollapsedStringAdapter**](http://docs.google.com/javax/xml/bind/annotation/adapters/CollapsedStringAdapter.html)            Built-in [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) to handle xs:token and its derived types. |
| class | [**HexBinaryAdapter**](http://docs.google.com/javax/xml/bind/annotation/adapters/HexBinaryAdapter.html)  [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) for xs:hexBinary. |
| class | [**NormalizedStringAdapter**](http://docs.google.com/javax/xml/bind/annotation/adapters/NormalizedStringAdapter.html)  [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) to handle xs:normalizedString. |

| Uses of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) with type parameters of type [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) | |
| --- | --- |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  A | | --- | | **AbstractUnmarshallerImpl.**[**getAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#getAdapter(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> type) |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  A | | --- | | **AbstractMarshallerImpl.**[**getAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractMarshallerImpl.html#getAdapter(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> type) |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  void | | --- | | **AbstractUnmarshallerImpl.**[**setAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#setAdapter(java.lang.Class,%20A))([Class](http://docs.google.com/java/lang/Class.html)<A> type, A adapter) |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  void | | --- | | **AbstractMarshallerImpl.**[**setAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractMarshallerImpl.html#setAdapter(java.lang.Class,%20A))([Class](http://docs.google.com/java/lang/Class.html)<A> type, A adapter) |

| Methods in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) with parameters of type [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) | |
| --- | --- |
| void | **AbstractUnmarshallerImpl.**[**setAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#setAdapter(javax.xml.bind.annotation.adapters.XmlAdapter))([XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) adapter) |
| void | **AbstractMarshallerImpl.**[**setAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractMarshallerImpl.html#setAdapter(javax.xml.bind.annotation.adapters.XmlAdapter))([XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) adapter) |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.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?javax/xml/bind/annotation/adapters//class-useXmlAdapter.html)    [**NO FRAMES**](http://docs.google.com/XmlAdapter.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.

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).