| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/javax/xml/bind/annotation/adapters/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/attachment/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package javax.xml.bind.attachment

This package is implemented by a MIME-based package processor that enables the interpretation and creation of optimized binary data within an MIME-based package format.

**See:**

[**Description**](#3znysh7)

| **Class Summary** | |
| --- | --- |
| [**AttachmentMarshaller**](http://docs.google.com/javax/xml/bind/attachment/AttachmentMarshaller.html) | Enable JAXB marshalling to optimize storage of binary data. |
| [**AttachmentUnmarshaller**](http://docs.google.com/javax/xml/bind/attachment/AttachmentUnmarshaller.html) | Enables JAXB unmarshalling of a root document containing optimized binary data formats. |

## Package javax.xml.bind.attachment Description

This package is implemented by a MIME-based package processor that enables the interpretation and creation of optimized binary data within an MIME-based package format.

Soap MTOM[1], XOP([2][3]) and WS-I AP[4] standardize approaches to optimized transmission of binary datatypes as an attachment. To optimally support these standards within a message passing environment, this package enables an integrated solution between a MIME-based package processor and JAXB unmarshall/marshal processes.

## Package Specification

* [JAXB Specification](http://java.sun.com/xml/downloads/jaxb.html)

## Related Standards

* [[1]SOAP Message Transmission Optimization Mechanism](http://www.w3.org/TR/2004/WD-soap12-mtom-20040608/)
* [[2]XML-binary Optimized Packaging](http://www.w3.org/TR/2005/REC-xop10-20050125/)
* [[3]WS-I Attachments Profile Version 1.0.](http://www.ws-i.org/Profiles/AttachmentsProfile-1.0-2004-08-24.html)
* [[4]Describing Media Content of Binary Data in XML](http://www.w3.org/TR/xml-media-types/)

**Since:** JAXB 2.0

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[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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