| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/ietf/jgss/MessageProp.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?org/ietf/jgss//class-useMessageProp.html)    [**NO FRAMES**](http://docs.google.com/MessageProp.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**org.ietf.jgss.MessageProp**

| Packages that use [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) | |
| --- | --- |
| [**org.ietf.jgss**](#3znysh7) | This package presents a framework that allows application developers to make use of security services like authentication, data integrity and data confidentiality from a variety of underlying security mechanisms like Kerberos, using a unified API. |

| Uses of [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) in [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) | |
| --- | --- |

| Methods in [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) with parameters of type [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) | |
| --- | --- |
| byte[] | **GSSContext.**[**getMIC**](http://docs.google.com/org/ietf/jgss/GSSContext.html#getMIC(byte%5B%5D,%20int,%20int,%20org.ietf.jgss.MessageProp))(byte[] inMsg, int offset, int len, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Returns a token containing a cryptographic Message Integrity Code (MIC) for the supplied message, for transfer to the peer application. |
| void | **GSSContext.**[**getMIC**](http://docs.google.com/org/ietf/jgss/GSSContext.html#getMIC(java.io.InputStream,%20java.io.OutputStream,%20org.ietf.jgss.MessageProp))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [OutputStream](http://docs.google.com/java/io/OutputStream.html) outStream, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Uses streams to produce a token containing a cryptographic MIC for the supplied message, for transfer to the peer application. |
| byte[] | **GSSContext.**[**unwrap**](http://docs.google.com/org/ietf/jgss/GSSContext.html#unwrap(byte%5B%5D,%20int,%20int,%20org.ietf.jgss.MessageProp))(byte[] inBuf, int offset, int len, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Used to process tokens generated by the wrap method on the other side of the context. |
| void | **GSSContext.**[**unwrap**](http://docs.google.com/org/ietf/jgss/GSSContext.html#unwrap(java.io.InputStream,%20java.io.OutputStream,%20org.ietf.jgss.MessageProp))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [OutputStream](http://docs.google.com/java/io/OutputStream.html) outStream, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Uses streams to process tokens generated by the wrap method on the other side of the context. |
| void | **GSSContext.**[**verifyMIC**](http://docs.google.com/org/ietf/jgss/GSSContext.html#verifyMIC(byte%5B%5D,%20int,%20int,%20byte%5B%5D,%20int,%20int,%20org.ietf.jgss.MessageProp))(byte[] inToken, int tokOffset, int tokLen, byte[] inMsg, int msgOffset, int msgLen, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Verifies the cryptographic MIC, contained in the token parameter, over the supplied message. |
| void | **GSSContext.**[**verifyMIC**](http://docs.google.com/org/ietf/jgss/GSSContext.html#verifyMIC(java.io.InputStream,%20java.io.InputStream,%20org.ietf.jgss.MessageProp))([InputStream](http://docs.google.com/java/io/InputStream.html) tokStream, [InputStream](http://docs.google.com/java/io/InputStream.html) msgStream, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Uses streams to verify the cryptographic MIC, contained in the token parameter, over the supplied message. |
| byte[] | **GSSContext.**[**wrap**](http://docs.google.com/org/ietf/jgss/GSSContext.html#wrap(byte%5B%5D,%20int,%20int,%20org.ietf.jgss.MessageProp))(byte[] inBuf, int offset, int len, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Applies per-message security services over the established security context. |
| void | **GSSContext.**[**wrap**](http://docs.google.com/org/ietf/jgss/GSSContext.html#wrap(java.io.InputStream,%20java.io.OutputStream,%20org.ietf.jgss.MessageProp))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [OutputStream](http://docs.google.com/java/io/OutputStream.html) outStream, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Applies per-message security services over the established security context using streams. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/ietf/jgss/MessageProp.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?org/ietf/jgss//class-useMessageProp.html)    [**NO FRAMES**](http://docs.google.com/MessageProp.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).