| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SOAPConstants.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/soap/SOAPConnectionFactory.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/SOAPElement.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/SOAPConstants.html)    [**NO FRAMES**](http://docs.google.com/SOAPConstants.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | METHOD | DETAIL: [FIELD](#2et92p0) | CONSTR | METHOD |

## **javax.xml.soap**

Interface SOAPConstants

public interface **SOAPConstants**

The definition of constants pertaining to the SOAP protocol.

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**DEFAULT\_SOAP\_PROTOCOL**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#DEFAULT_SOAP_PROTOCOL)            The default protocol: SOAP 1.1 for backwards compatibility. |
| static [String](http://docs.google.com/java/lang/String.html) | [**DYNAMIC\_SOAP\_PROTOCOL**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#DYNAMIC_SOAP_PROTOCOL)            Used to create MessageFactory instances that create SOAPMessages whose concrete type is based on the Content-Type MIME header passed to the createMessage method. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAP\_1\_1\_CONTENT\_TYPE**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_1_1_CONTENT_TYPE)            The media type of the Content-Type MIME header in SOAP 1.1. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAP\_1\_1\_PROTOCOL**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_1_1_PROTOCOL)            Used to create MessageFactory instances that create SOAPMessages whose behavior supports the SOAP 1.1 specification. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAP\_1\_2\_CONTENT\_TYPE**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_1_2_CONTENT_TYPE)            The media type of the Content-Type MIME header in SOAP 1.2. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAP\_1\_2\_PROTOCOL**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_1_2_PROTOCOL)            Used to create MessageFactory instances that create SOAPMessages whose behavior supports the SOAP 1.2 specification |
| static [QName](http://docs.google.com/javax/xml/namespace/QName.html) | [**SOAP\_DATAENCODINGUNKNOWN\_FAULT**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_DATAENCODINGUNKNOWN_FAULT)            SOAP 1.2 DataEncodingUnknown Fault |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAP\_ENV\_PREFIX**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_ENV_PREFIX)            The default namespace prefix for http://www.w3.org/2003/05/soap-envelope |
| static [QName](http://docs.google.com/javax/xml/namespace/QName.html) | [**SOAP\_MUSTUNDERSTAND\_FAULT**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_MUSTUNDERSTAND_FAULT)            SOAP 1.2 MustUnderstand Fault |
| static [QName](http://docs.google.com/javax/xml/namespace/QName.html) | [**SOAP\_RECEIVER\_FAULT**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_RECEIVER_FAULT)            SOAP 1.2 Receiver Fault |
| static [QName](http://docs.google.com/javax/xml/namespace/QName.html) | [**SOAP\_SENDER\_FAULT**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_SENDER_FAULT)            SOAP 1.2 Sender Fault |
| static [QName](http://docs.google.com/javax/xml/namespace/QName.html) | [**SOAP\_VERSIONMISMATCH\_FAULT**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_VERSIONMISMATCH_FAULT)            SOAP 1.2 VersionMismatch Fault |
| static [String](http://docs.google.com/java/lang/String.html) | [**URI\_NS\_SOAP\_1\_1\_ENVELOPE**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#URI_NS_SOAP_1_1_ENVELOPE)            The namespace identifier for the SOAP 1.1 envelope. |
| static [String](http://docs.google.com/java/lang/String.html) | [**URI\_NS\_SOAP\_1\_2\_ENCODING**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#URI_NS_SOAP_1_2_ENCODING)            The namespace identifier for the SOAP 1.2 encoding. |
| static [String](http://docs.google.com/java/lang/String.html) | [**URI\_NS\_SOAP\_1\_2\_ENVELOPE**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#URI_NS_SOAP_1_2_ENVELOPE)            The namespace identifier for the SOAP 1.2 envelope. |
| static [String](http://docs.google.com/java/lang/String.html) | [**URI\_NS\_SOAP\_ENCODING**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#URI_NS_SOAP_ENCODING)            The namespace identifier for the SOAP 1.1 encoding. |
| static [String](http://docs.google.com/java/lang/String.html) | [**URI\_NS\_SOAP\_ENVELOPE**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#URI_NS_SOAP_ENVELOPE)            The namespace identifier for the SOAP 1.1 envelope, All SOAPElements in this namespace are defined by the SOAP 1.1 specification. |
| static [String](http://docs.google.com/java/lang/String.html) | [**URI\_SOAP\_1\_2\_ROLE\_NEXT**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#URI_SOAP_1_2_ROLE_NEXT)            The URI identifying the next application processing a SOAP request as the intended role for a SOAP 1.2 header entry (see section 2.2 of part 1 of the SOAP 1.2 specification). |
| static [String](http://docs.google.com/java/lang/String.html) | [**URI\_SOAP\_1\_2\_ROLE\_NONE**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#URI_SOAP_1_2_ROLE_NONE)            The URI specifying the role None in SOAP 1.2. |
| static [String](http://docs.google.com/java/lang/String.html) | [**URI\_SOAP\_1\_2\_ROLE\_ULTIMATE\_RECEIVER**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#URI_SOAP_1_2_ROLE_ULTIMATE_RECEIVER)            The URI identifying the ultimate receiver of the SOAP 1.2 message. |
| static [String](http://docs.google.com/java/lang/String.html) | [**URI\_SOAP\_ACTOR\_NEXT**](http://docs.google.com/javax/xml/soap/SOAPConstants.html#URI_SOAP_ACTOR_NEXT)            The URI identifying the next application processing a SOAP request as the intended actor for a SOAP 1.1 header entry (see section 4.2.2 of the SOAP 1.1 specification). |

| **Field Detail** |
| --- |

### DYNAMIC\_SOAP\_PROTOCOL

static final [String](http://docs.google.com/java/lang/String.html) **DYNAMIC\_SOAP\_PROTOCOL**

Used to create MessageFactory instances that create SOAPMessages whose concrete type is based on the Content-Type MIME header passed to the createMessage method. If no Content-Type header is passed then the createMessage may throw an IllegalArgumentException or, in the case of the no argument version of createMessage, an UnsupportedOperationException.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.DYNAMIC_SOAP_PROTOCOL)

### SOAP\_1\_1\_PROTOCOL

static final [String](http://docs.google.com/java/lang/String.html) **SOAP\_1\_1\_PROTOCOL**

Used to create MessageFactory instances that create SOAPMessages whose behavior supports the SOAP 1.1 specification.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.SOAP_1_1_PROTOCOL)

### SOAP\_1\_2\_PROTOCOL

static final [String](http://docs.google.com/java/lang/String.html) **SOAP\_1\_2\_PROTOCOL**

Used to create MessageFactory instances that create SOAPMessages whose behavior supports the SOAP 1.2 specification

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.SOAP_1_2_PROTOCOL)

### DEFAULT\_SOAP\_PROTOCOL

static final [String](http://docs.google.com/java/lang/String.html) **DEFAULT\_SOAP\_PROTOCOL**

The default protocol: SOAP 1.1 for backwards compatibility.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.DEFAULT_SOAP_PROTOCOL)

### URI\_NS\_SOAP\_1\_1\_ENVELOPE

static final [String](http://docs.google.com/java/lang/String.html) **URI\_NS\_SOAP\_1\_1\_ENVELOPE**

The namespace identifier for the SOAP 1.1 envelope.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.URI_NS_SOAP_1_1_ENVELOPE)

### URI\_NS\_SOAP\_1\_2\_ENVELOPE

static final [String](http://docs.google.com/java/lang/String.html) **URI\_NS\_SOAP\_1\_2\_ENVELOPE**

The namespace identifier for the SOAP 1.2 envelope.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.URI_NS_SOAP_1_2_ENVELOPE)

### URI\_NS\_SOAP\_ENVELOPE

static final [String](http://docs.google.com/java/lang/String.html) **URI\_NS\_SOAP\_ENVELOPE**

The namespace identifier for the SOAP 1.1 envelope, All SOAPElements in this namespace are defined by the SOAP 1.1 specification.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.URI_NS_SOAP_ENVELOPE)

### URI\_NS\_SOAP\_ENCODING

static final [String](http://docs.google.com/java/lang/String.html) **URI\_NS\_SOAP\_ENCODING**

The namespace identifier for the SOAP 1.1 encoding. An attribute named encodingStyle in the URI\_NS\_SOAP\_ENVELOPE namespace and set to the value URI\_NS\_SOAP\_ENCODING can be added to an element to indicate that it is encoded using the rules in section 5 of the SOAP 1.1 specification.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.URI_NS_SOAP_ENCODING)

### URI\_NS\_SOAP\_1\_2\_ENCODING

static final [String](http://docs.google.com/java/lang/String.html) **URI\_NS\_SOAP\_1\_2\_ENCODING**

The namespace identifier for the SOAP 1.2 encoding.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.URI_NS_SOAP_1_2_ENCODING)

### SOAP\_1\_1\_CONTENT\_TYPE

static final [String](http://docs.google.com/java/lang/String.html) **SOAP\_1\_1\_CONTENT\_TYPE**

The media type of the Content-Type MIME header in SOAP 1.1.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.SOAP_1_1_CONTENT_TYPE)

### SOAP\_1\_2\_CONTENT\_TYPE

static final [String](http://docs.google.com/java/lang/String.html) **SOAP\_1\_2\_CONTENT\_TYPE**

The media type of the Content-Type MIME header in SOAP 1.2.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.SOAP_1_2_CONTENT_TYPE)

### URI\_SOAP\_ACTOR\_NEXT

static final [String](http://docs.google.com/java/lang/String.html) **URI\_SOAP\_ACTOR\_NEXT**

The URI identifying the next application processing a SOAP request as the intended actor for a SOAP 1.1 header entry (see section 4.2.2 of the SOAP 1.1 specification).

This value can be passed to [SOAPHeader.examineMustUnderstandHeaderElements(String)](http://docs.google.com/javax/xml/soap/SOAPHeader.html#examineMustUnderstandHeaderElements(java.lang.String)), [SOAPHeader.examineHeaderElements(String)](http://docs.google.com/javax/xml/soap/SOAPHeader.html#examineHeaderElements(java.lang.String)) and [SOAPHeader.extractHeaderElements(String)](http://docs.google.com/javax/xml/soap/SOAPHeader.html#extractHeaderElements(java.lang.String))

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.URI_SOAP_ACTOR_NEXT)

### URI\_SOAP\_1\_2\_ROLE\_NEXT

static final [String](http://docs.google.com/java/lang/String.html) **URI\_SOAP\_1\_2\_ROLE\_NEXT**

The URI identifying the next application processing a SOAP request as the intended role for a SOAP 1.2 header entry (see section 2.2 of part 1 of the SOAP 1.2 specification).

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.URI_SOAP_1_2_ROLE_NEXT)

### URI\_SOAP\_1\_2\_ROLE\_NONE

static final [String](http://docs.google.com/java/lang/String.html) **URI\_SOAP\_1\_2\_ROLE\_NONE**

The URI specifying the role None in SOAP 1.2.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.URI_SOAP_1_2_ROLE_NONE)

### URI\_SOAP\_1\_2\_ROLE\_ULTIMATE\_RECEIVER

static final [String](http://docs.google.com/java/lang/String.html) **URI\_SOAP\_1\_2\_ROLE\_ULTIMATE\_RECEIVER**

The URI identifying the ultimate receiver of the SOAP 1.2 message.

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.URI_SOAP_1_2_ROLE_ULTIMATE_RECEIVER)

### SOAP\_ENV\_PREFIX

static final [String](http://docs.google.com/java/lang/String.html) **SOAP\_ENV\_PREFIX**

The default namespace prefix for http://www.w3.org/2003/05/soap-envelope

**Since:** SAAJ 1.3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.soap.SOAPConstants.SOAP_ENV_PREFIX)

### SOAP\_VERSIONMISMATCH\_FAULT

static final [QName](http://docs.google.com/javax/xml/namespace/QName.html) **SOAP\_VERSIONMISMATCH\_FAULT**

SOAP 1.2 VersionMismatch Fault

**Since:** SAAJ 1.3

### SOAP\_MUSTUNDERSTAND\_FAULT

static final [QName](http://docs.google.com/javax/xml/namespace/QName.html) **SOAP\_MUSTUNDERSTAND\_FAULT**

SOAP 1.2 MustUnderstand Fault

**Since:** SAAJ 1.3

### SOAP\_DATAENCODINGUNKNOWN\_FAULT

static final [QName](http://docs.google.com/javax/xml/namespace/QName.html) **SOAP\_DATAENCODINGUNKNOWN\_FAULT**

SOAP 1.2 DataEncodingUnknown Fault

**Since:** SAAJ 1.3

### SOAP\_SENDER\_FAULT

static final [QName](http://docs.google.com/javax/xml/namespace/QName.html) **SOAP\_SENDER\_FAULT**

SOAP 1.2 Sender Fault

**Since:** SAAJ 1.3

### SOAP\_RECEIVER\_FAULT

static final [QName](http://docs.google.com/javax/xml/namespace/QName.html) **SOAP\_RECEIVER\_FAULT**

SOAP 1.2 Receiver Fault

**Since:** SAAJ 1.3

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SOAPConstants.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/soap/SOAPConnectionFactory.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/SOAPElement.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/SOAPConstants.html)    [**NO FRAMES**](http://docs.google.com/SOAPConstants.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | METHOD | DETAIL: [FIELD](#2et92p0) | CONSTR | METHOD |

[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).