| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SAAJMetaFactory.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/Node.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/SAAJResult.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/SAAJMetaFactory.html)    [**NO FRAMES**](http://docs.google.com/SAAJMetaFactory.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.soap**

Class SAAJMetaFactory

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.xml.soap.SAAJMetaFactory**

public abstract class **SAAJMetaFactory**extends [Object](http://docs.google.com/java/lang/Object.html)

The access point for the implementation classes of the factories defined in the SAAJ API. All of the newInstance methods defined on factories in SAAJ 1.3 defer to instances of this class to do the actual object creation. The implementations of newInstance() methods (in SOAPFactory and MessageFactory) that existed in SAAJ 1.2 have been updated to also delegate to the SAAJMetaFactory when the SAAJ 1.2 defined lookup fails to locate the Factory implementation class name.

SAAJMetaFactory is a service provider interface. There are no public methods on this class.

**Since:** SAAJ 1.3

| **Constructor Summary** | |
| --- | --- |
| protected | [**SAAJMetaFactory**](http://docs.google.com/javax/xml/soap/SAAJMetaFactory.html#SAAJMetaFactory())() |

| **Method Summary** | |
| --- | --- |
| protected abstract  [MessageFactory](http://docs.google.com/javax/xml/soap/MessageFactory.html) | [**newMessageFactory**](http://docs.google.com/javax/xml/soap/SAAJMetaFactory.html#newMessageFactory(java.lang.String))([String](http://docs.google.com/java/lang/String.html) protocol)            Creates a MessageFactory object for the given String protocol. |
| protected abstract  [SOAPFactory](http://docs.google.com/javax/xml/soap/SOAPFactory.html) | [**newSOAPFactory**](http://docs.google.com/javax/xml/soap/SAAJMetaFactory.html#newSOAPFactory(java.lang.String))([String](http://docs.google.com/java/lang/String.html) protocol)            Creates a SOAPFactory object for the given String protocol. |

| **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** |
| --- |

### SAAJMetaFactory

protected **SAAJMetaFactory**()

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

### newMessageFactory

protected abstract [MessageFactory](http://docs.google.com/javax/xml/soap/MessageFactory.html) **newMessageFactory**([String](http://docs.google.com/java/lang/String.html) protocol)  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Creates a MessageFactory object for the given String protocol.

**Parameters:**protocol - a String indicating the protocol **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there is an error in creating the MessageFactory**See Also:**[SOAPConstants.SOAP\_1\_1\_PROTOCOL](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_1_1_PROTOCOL), [SOAPConstants.SOAP\_1\_2\_PROTOCOL](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_1_2_PROTOCOL), [SOAPConstants.DYNAMIC\_SOAP\_PROTOCOL](http://docs.google.com/javax/xml/soap/SOAPConstants.html#DYNAMIC_SOAP_PROTOCOL)

### newSOAPFactory

protected abstract [SOAPFactory](http://docs.google.com/javax/xml/soap/SOAPFactory.html) **newSOAPFactory**([String](http://docs.google.com/java/lang/String.html) protocol)  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Creates a SOAPFactory object for the given String protocol.

**Parameters:**protocol - a String indicating the protocol **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there is an error in creating the SOAPFactory**See Also:**[SOAPConstants.SOAP\_1\_1\_PROTOCOL](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_1_1_PROTOCOL), [SOAPConstants.SOAP\_1\_2\_PROTOCOL](http://docs.google.com/javax/xml/soap/SOAPConstants.html#SOAP_1_2_PROTOCOL), [SOAPConstants.DYNAMIC\_SOAP\_PROTOCOL](http://docs.google.com/javax/xml/soap/SOAPConstants.html#DYNAMIC_SOAP_PROTOCOL)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SAAJMetaFactory.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/Node.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/SAAJResult.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/SAAJMetaFactory.html)    [**NO FRAMES**](http://docs.google.com/SAAJMetaFactory.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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