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

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

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

A factory for creating SOAPConnection objects. Implementation of this class is optional. If SOAPConnectionFactory.newInstance() throws an UnsupportedOperationException then the implementation does not support the SAAJ communication infrastructure. Otherwise [SOAPConnection](http://docs.google.com/javax/xml/soap/SOAPConnection.html) objects can be created by calling createConnection() on the newly created SOAPConnectionFactory object.

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

| **Method Summary** | |
| --- | --- |
| abstract  [SOAPConnection](http://docs.google.com/javax/xml/soap/SOAPConnection.html) | [**createConnection**](http://docs.google.com/javax/xml/soap/SOAPConnectionFactory.html#createConnection())()            Create a new SOAPConnection. |
| static [SOAPConnectionFactory](http://docs.google.com/javax/xml/soap/SOAPConnectionFactory.html) | [**newInstance**](http://docs.google.com/javax/xml/soap/SOAPConnectionFactory.html#newInstance())()            Creates an instance of the default SOAPConnectionFactory object. |

| **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** |
| --- |

### SOAPConnectionFactory

public **SOAPConnectionFactory**()

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

### newInstance

public static [SOAPConnectionFactory](http://docs.google.com/javax/xml/soap/SOAPConnectionFactory.html) **newInstance**()  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html),  
 [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html)

Creates an instance of the default SOAPConnectionFactory object.

**Returns:**a new instance of a default SOAPConnectionFactory object **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there was an error creating the SOAPConnectionFactory [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html) - if newInstance is not supported.

### createConnection

public abstract [SOAPConnection](http://docs.google.com/javax/xml/soap/SOAPConnection.html) **createConnection**()  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Create a new SOAPConnection.

**Returns:**the new SOAPConnection object. **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there was an exception creating the SOAPConnection object.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SOAPConnectionFactory.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/SOAPConnection.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/SOAPConstants.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/SOAPConnectionFactory.html)    [**NO FRAMES**](http://docs.google.com/SOAPConnectionFactory.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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