| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ExcC14NParameterSpec.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/crypto/dsig/spec/DigestMethodParameterSpec.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dsig/spec/HMACParameterSpec.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/spec/ExcC14NParameterSpec.html)    [**NO FRAMES**](http://docs.google.com/ExcC14NParameterSpec.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#2s8eyo1) | [METHOD](#26in1rg) |

## **javax.xml.crypto.dsig.spec**

Class ExcC14NParameterSpec

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.xml.crypto.dsig.spec.ExcC14NParameterSpec**

**All Implemented Interfaces:** [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html), [C14NMethodParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/C14NMethodParameterSpec.html), [TransformParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/TransformParameterSpec.html)

public final class **ExcC14NParameterSpec**extends [Object](http://docs.google.com/java/lang/Object.html)implements [C14NMethodParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/C14NMethodParameterSpec.html)

Parameters for the W3C Recommendation:  [Exclusive XML Canonicalization (C14N) algorithm](http://www.w3.org/TR/xml-exc-c14n/). The parameters include an optional inclusive namespace prefix list. The XML Schema Definition of the Exclusive XML Canonicalization parameters is defined as:

<schema xmlns="http://www.w3.org/2001/XMLSchema"  
 xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#"  
 targetNamespace="http://www.w3.org/2001/10/xml-exc-c14n#"  
 version="0.1" elementFormDefault="qualified">  
  
 <element name="InclusiveNamespaces" type="ec:InclusiveNamespaces"/>  
 <complexType name="InclusiveNamespaces">  
 <attribute name="PrefixList" type="xsd:string"/>  
 </complexType>  
 </schema>

**Since:** 1.6 **See Also:**[CanonicalizationMethod](http://docs.google.com/javax/xml/crypto/dsig/CanonicalizationMethod.html)

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**DEFAULT**](http://docs.google.com/javax/xml/crypto/dsig/spec/ExcC14NParameterSpec.html#DEFAULT)            Indicates the default namespace ("#default"). |

| **Constructor Summary** | |
| --- | --- |
| [**ExcC14NParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/ExcC14NParameterSpec.html#ExcC14NParameterSpec())()            Creates a ExcC14NParameterSpec with an empty prefix list. |
| [**ExcC14NParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/ExcC14NParameterSpec.html#ExcC14NParameterSpec(java.util.List))([List](http://docs.google.com/java/util/List.html) prefixList)            Creates a ExcC14NParameterSpec with the specified list of prefixes. |

| **Method Summary** | |
| --- | --- |
| [List](http://docs.google.com/java/util/List.html) | [**getPrefixList**](http://docs.google.com/javax/xml/crypto/dsig/spec/ExcC14NParameterSpec.html#getPrefixList())()            Returns the inclusive namespace prefix list. |

| **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)) |

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

### DEFAULT

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

Indicates the default namespace ("#default").

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.crypto.dsig.spec.ExcC14NParameterSpec.DEFAULT)

| **Constructor Detail** |
| --- |

### ExcC14NParameterSpec

public **ExcC14NParameterSpec**()

Creates a ExcC14NParameterSpec with an empty prefix list.

### ExcC14NParameterSpec

public **ExcC14NParameterSpec**([List](http://docs.google.com/java/util/List.html) prefixList)

Creates a ExcC14NParameterSpec with the specified list of prefixes. The list is copied to protect against subsequent modification.

**Parameters:**prefixList - the inclusive namespace prefix list. Each entry in the list is a String that represents a namespace prefix. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if prefixList is null [ClassCastException](http://docs.google.com/java/lang/ClassCastException.html) - if any of the entries in the list are not of type String

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

### getPrefixList

public [List](http://docs.google.com/java/util/List.html) **getPrefixList**()

Returns the inclusive namespace prefix list. Each entry in the list is a String that represents a namespace prefix.

This implementation returns an [unmodifiable list](http://docs.google.com/java/util/Collections.html#unmodifiableList(java.util.List)).

**Returns:**the inclusive namespace prefix list (may be empty but never null)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ExcC14NParameterSpec.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/crypto/dsig/spec/DigestMethodParameterSpec.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dsig/spec/HMACParameterSpec.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/spec/ExcC14NParameterSpec.html)    [**NO FRAMES**](http://docs.google.com/ExcC14NParameterSpec.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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