| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XPathFilterParameterSpec.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/XPathFilter2ParameterSpec.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathType.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/spec/XPathFilterParameterSpec.html)    [**NO FRAMES**](http://docs.google.com/XPathFilterParameterSpec.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#2s8eyo1) |

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

Class XPathFilterParameterSpec

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

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

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

Parameters for the  [XPath Filtering Transform Algorithm](http://www.w3.org/TR/xmldsig-core/#sec-XPath). The parameters include the XPath expression and an optional Map of additional namespace prefix mappings. The XML Schema Definition of the XPath Filtering transform parameters is defined as:

<element name="XPath" type="string"/>

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

| **Constructor Summary** | |
| --- | --- |
| [**XPathFilterParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathFilterParameterSpec.html#XPathFilterParameterSpec(java.lang.String))([String](http://docs.google.com/java/lang/String.html) xPath)            Creates an XPathFilterParameterSpec with the specified XPath expression. |
| [**XPathFilterParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathFilterParameterSpec.html#XPathFilterParameterSpec(java.lang.String,%20java.util.Map))([String](http://docs.google.com/java/lang/String.html) xPath, [Map](http://docs.google.com/java/util/Map.html) namespaceMap)            Creates an XPathFilterParameterSpec with the specified XPath expression and namespace map. |

| **Method Summary** | |
| --- | --- |
| [Map](http://docs.google.com/java/util/Map.html) | [**getNamespaceMap**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathFilterParameterSpec.html#getNamespaceMap())()            Returns a map of namespace prefixes. |
| [String](http://docs.google.com/java/lang/String.html) | [**getXPath**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathFilterParameterSpec.html#getXPath())()            Returns the XPath expression to be evaluated. |

| **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** |
| --- |

### XPathFilterParameterSpec

public **XPathFilterParameterSpec**([String](http://docs.google.com/java/lang/String.html) xPath)

Creates an XPathFilterParameterSpec with the specified XPath expression.

**Parameters:**xPath - the XPath expression to be evaluated **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if xPath is null

### XPathFilterParameterSpec

public **XPathFilterParameterSpec**([String](http://docs.google.com/java/lang/String.html) xPath,  
 [Map](http://docs.google.com/java/util/Map.html) namespaceMap)

Creates an XPathFilterParameterSpec with the specified XPath expression and namespace map. The map is copied to protect against subsequent modification.

**Parameters:**xPath - the XPath expression to be evaluatednamespaceMap - the map of namespace prefixes. Each key is a namespace prefix String that maps to a corresponding namespace URI String. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if xPath or namespaceMap are null [ClassCastException](http://docs.google.com/java/lang/ClassCastException.html) - if any of the map's keys or entries are not of type String

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

### getXPath

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

Returns the XPath expression to be evaluated.

**Returns:**the XPath expression to be evaluated

### getNamespaceMap

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

Returns a map of namespace prefixes. Each key is a namespace prefix String that maps to a corresponding namespace URI String.

This implementation returns an [unmodifiable map](http://docs.google.com/java/util/Collections.html#unmodifiableMap(java.util.Map)).

**Returns:**a Map of namespace prefixes to namespace URIs (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/XPathFilterParameterSpec.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/XPathFilter2ParameterSpec.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathType.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/spec/XPathFilterParameterSpec.html)    [**NO FRAMES**](http://docs.google.com/XPathFilterParameterSpec.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#2s8eyo1) |

[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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