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

## **javax.xml.xpath**

Interface XPathFunctionResolver

public interface **XPathFunctionResolver**

XPathFunctionResolver provides access to the set of user defined XPathFunctions.

XPath functions are resolved by name and arity. The resolver is not needed for XPath built-in functions and the resolver ***cannot*** be used to override those functions.

In particular, the resolver is only called for functions in an another namespace (functions with an explicit prefix). This means that you cannot use the XPathFunctionResolver to implement specifications like [XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/) which extend the function library of XPath 1.0 in the same namespace. This is a consequence of the design of the resolver.

If you wish to implement additional built-in functions, you will have to extend the underlying implementation directly.

**Since:** 1.5 **See Also:**[XML Path Language (XPath) Version 1.0, Core Function Library](http://www.w3.org/TR/xpath#corelib)

| **Method Summary** | |
| --- | --- |
| [XPathFunction](http://docs.google.com/javax/xml/xpath/XPathFunction.html) | [**resolveFunction**](http://docs.google.com/javax/xml/xpath/XPathFunctionResolver.html#resolveFunction(javax.xml.namespace.QName,%20int))([QName](http://docs.google.com/javax/xml/namespace/QName.html) functionName, int arity)            Find a function in the set of available functions. |

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

### resolveFunction

[XPathFunction](http://docs.google.com/javax/xml/xpath/XPathFunction.html) **resolveFunction**([QName](http://docs.google.com/javax/xml/namespace/QName.html) functionName,  
 int arity)

Find a function in the set of available functions.

If functionName or arity is null, then a NullPointerException is thrown.

**Parameters:**functionName - The function name.arity - The number of arguments that the returned function must accept. **Returns:**The function or null if no function named functionName with arity arguments exists. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - If functionName or arity is 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/XPathFunctionResolver.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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