| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SearchResult.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/naming/directory/SearchControls.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/naming/directory/SearchResult.html)    [**NO FRAMES**](http://docs.google.com/SearchResult.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#lnxbz9) |

## **javax.naming.directory**

Class SearchResult

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.naming.NameClassPair](http://docs.google.com/javax/naming/NameClassPair.html)  
 [javax.naming.Binding](http://docs.google.com/javax/naming/Binding.html)  
 **javax.naming.directory.SearchResult**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **SearchResult**extends [Binding](http://docs.google.com/javax/naming/Binding.html)

This class represents an item in the NamingEnumeration returned as a result of the DirContext.search() methods.

A SearchResult instance is not synchronized against concurrent multithreaded access. Multiple threads trying to access and modify a single SearchResult instance should lock the object.

**Since:** 1.3 **See Also:**[DirContext.search(javax.naming.Name, javax.naming.directory.Attributes, java.lang.String[])](http://docs.google.com/javax/naming/directory/DirContext.html#search(javax.naming.Name,%20javax.naming.directory.Attributes,%20java.lang.String%5B%5D)), [Serialized Form](http://docs.google.com/serialized-form.html#javax.naming.directory.SearchResult)

| **Constructor Summary** | |
| --- | --- |
| [**SearchResult**](http://docs.google.com/javax/naming/directory/SearchResult.html#SearchResult(java.lang.String,%20java.lang.Object,%20javax.naming.directory.Attributes))([String](http://docs.google.com/java/lang/String.html) name, [Object](http://docs.google.com/java/lang/Object.html) obj, [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs)            Constructs a search result using the result's name, its bound object, and its attributes. |
| [**SearchResult**](http://docs.google.com/javax/naming/directory/SearchResult.html#SearchResult(java.lang.String,%20java.lang.Object,%20javax.naming.directory.Attributes,%20boolean))([String](http://docs.google.com/java/lang/String.html) name, [Object](http://docs.google.com/java/lang/Object.html) obj, [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs, boolean isRelative)            Constructs a search result using the result's name, its bound object, and its attributes, and whether the name is relative. |
| [**SearchResult**](http://docs.google.com/javax/naming/directory/SearchResult.html#SearchResult(java.lang.String,%20java.lang.String,%20java.lang.Object,%20javax.naming.directory.Attributes))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) className, [Object](http://docs.google.com/java/lang/Object.html) obj, [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs)            Constructs a search result using the result's name, its class name, its bound object, and its attributes. |
| [**SearchResult**](http://docs.google.com/javax/naming/directory/SearchResult.html#SearchResult(java.lang.String,%20java.lang.String,%20java.lang.Object,%20javax.naming.directory.Attributes,%20boolean))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) className, [Object](http://docs.google.com/java/lang/Object.html) obj, [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs, boolean isRelative)            Constructs a search result using the result's name, its class name, its bound object, its attributes, and whether the name is relative. |

| **Method Summary** | |
| --- | --- |
| [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) | [**getAttributes**](http://docs.google.com/javax/naming/directory/SearchResult.html#getAttributes())()            Retrieves the attributes in this search result. |
| void | [**setAttributes**](http://docs.google.com/javax/naming/directory/SearchResult.html#setAttributes(javax.naming.directory.Attributes))([Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs)            Sets the attributes of this search result to attrs. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/naming/directory/SearchResult.html#toString())()            Generates the string representation of this SearchResult. |

| **Methods inherited from class javax.naming.**[**Binding**](http://docs.google.com/javax/naming/Binding.html) |
| --- |
| [getClassName](http://docs.google.com/javax/naming/Binding.html#getClassName()), [getObject](http://docs.google.com/javax/naming/Binding.html#getObject()), [setObject](http://docs.google.com/javax/naming/Binding.html#setObject(java.lang.Object)) |

| **Methods inherited from class javax.naming.**[**NameClassPair**](http://docs.google.com/javax/naming/NameClassPair.html) |
| --- |
| [getName](http://docs.google.com/javax/naming/NameClassPair.html#getName()), [getNameInNamespace](http://docs.google.com/javax/naming/NameClassPair.html#getNameInNamespace()), [isRelative](http://docs.google.com/javax/naming/NameClassPair.html#isRelative()), [setClassName](http://docs.google.com/javax/naming/NameClassPair.html#setClassName(java.lang.String)), [setName](http://docs.google.com/javax/naming/NameClassPair.html#setName(java.lang.String)), [setNameInNamespace](http://docs.google.com/javax/naming/NameClassPair.html#setNameInNamespace(java.lang.String)), [setRelative](http://docs.google.com/javax/naming/NameClassPair.html#setRelative(boolean)) |

| **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()), [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** |
| --- |

### SearchResult

public **SearchResult**([String](http://docs.google.com/java/lang/String.html) name,  
 [Object](http://docs.google.com/java/lang/Object.html) obj,  
 [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs)

Constructs a search result using the result's name, its bound object, and its attributes.

getClassName() will return the class name of obj (or null if obj is null) unless the class name has been explicitly set using setClassName().

**Parameters:**name - The non-null name of the search item. It is relative to the *target context* of the search (which is named by the first parameter of the search() method)obj - The object bound to name. Can be null.attrs - The attributes that were requested to be returned with this search item. Cannot be null.**See Also:**[NameClassPair.setClassName(java.lang.String)](http://docs.google.com/javax/naming/NameClassPair.html#setClassName(java.lang.String)), [NameClassPair.getClassName()](http://docs.google.com/javax/naming/NameClassPair.html#getClassName())

### SearchResult

public **SearchResult**([String](http://docs.google.com/java/lang/String.html) name,  
 [Object](http://docs.google.com/java/lang/Object.html) obj,  
 [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs,  
 boolean isRelative)

Constructs a search result using the result's name, its bound object, and its attributes, and whether the name is relative.

getClassName() will return the class name of obj (or null if obj is null) unless the class name has been explicitly set using setClassName()

**Parameters:**name - The non-null name of the search item.obj - The object bound to name. Can be null.attrs - The attributes that were requested to be returned with this search item. Cannot be null.isRelative - true if name is relative to the target context of the search (which is named by the first parameter of the search() method); false if name is a URL string.**See Also:**[NameClassPair.setClassName(java.lang.String)](http://docs.google.com/javax/naming/NameClassPair.html#setClassName(java.lang.String)), [NameClassPair.getClassName()](http://docs.google.com/javax/naming/NameClassPair.html#getClassName())

### SearchResult

public **SearchResult**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) className,  
 [Object](http://docs.google.com/java/lang/Object.html) obj,  
 [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs)

Constructs a search result using the result's name, its class name, its bound object, and its attributes.

**Parameters:**name - The non-null name of the search item. It is relative to the *target context* of the search (which is named by the first parameter of the search() method)className - The possibly null class name of the object bound to name. If null, the class name of obj is returned by getClassName(). If obj is also null, getClassName() will return null.obj - The object bound to name. Can be null.attrs - The attributes that were requested to be returned with this search item. Cannot be null.**See Also:**[NameClassPair.setClassName(java.lang.String)](http://docs.google.com/javax/naming/NameClassPair.html#setClassName(java.lang.String)), [NameClassPair.getClassName()](http://docs.google.com/javax/naming/NameClassPair.html#getClassName())

### SearchResult

public **SearchResult**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) className,  
 [Object](http://docs.google.com/java/lang/Object.html) obj,  
 [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs,  
 boolean isRelative)

Constructs a search result using the result's name, its class name, its bound object, its attributes, and whether the name is relative.

**Parameters:**name - The non-null name of the search item.className - The possibly null class name of the object bound to name. If null, the class name of obj is returned by getClassName(). If obj is also null, getClassName() will return null.obj - The object bound to name. Can be null.attrs - The attributes that were requested to be returned with this search item. Cannot be null.isRelative - true if name is relative to the target context of the search (which is named by the first parameter of the search() method); false if name is a URL string.**See Also:**[NameClassPair.setClassName(java.lang.String)](http://docs.google.com/javax/naming/NameClassPair.html#setClassName(java.lang.String)), [NameClassPair.getClassName()](http://docs.google.com/javax/naming/NameClassPair.html#getClassName())

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

### getAttributes

public [Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) **getAttributes**()

Retrieves the attributes in this search result.

**Returns:**The non-null attributes in this search result. Can be empty.**See Also:**[setAttributes(javax.naming.directory.Attributes)](http://docs.google.com/javax/naming/directory/SearchResult.html#setAttributes(javax.naming.directory.Attributes))

### setAttributes

public void **setAttributes**([Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) attrs)

Sets the attributes of this search result to attrs.

**Parameters:**attrs - The non-null attributes to use. Can be empty.**See Also:**[getAttributes()](http://docs.google.com/javax/naming/directory/SearchResult.html#getAttributes())

### toString

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

Generates the string representation of this SearchResult. The string representation consists of the string representation of the binding and the string representation of this search result's attributes, separated by ':'. The contents of this string is useful for debugging and is not meant to be interpreted programmatically.

**Overrides:**[toString](http://docs.google.com/javax/naming/Binding.html#toString()) in class [Binding](http://docs.google.com/javax/naming/Binding.html) **Returns:**The string representation of this SearchResult. Cannot be 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/SearchResult.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/naming/directory/SearchControls.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/naming/directory/SearchResult.html)    [**NO FRAMES**](http://docs.google.com/SearchResult.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#lnxbz9) |

[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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