| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Name.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/lang/model/element/Modifier.html)   [**NEXT CLASS**](http://docs.google.com/javax/lang/model/element/NestingKind.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/element/Name.html)    [**NO FRAMES**](http://docs.google.com/Name.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

## **javax.lang.model.element**

Interface Name

**All Superinterfaces:** [CharSequence](http://docs.google.com/java/lang/CharSequence.html)

public interface **Name**extends [CharSequence](http://docs.google.com/java/lang/CharSequence.html)

An immutable sequence of characters. When created by the same implementation, objects implementing this interface must obey the general [equals contract](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) when compared with each other. Therefore, Name objects from the same implementation are usable in collections while Names from different implementations may not work properly in collections.

An empty Name has a length of zero.

In the context of [annotation processing](http://docs.google.com/javax/annotation/processing/ProcessingEnvironment.html), the guarantees for "the same" implementation must include contexts where the [API mediated](http://docs.google.com/javax/annotation/processing/package-summary.html) side effects of [processors](http://docs.google.com/javax/annotation/processing/Processor.html) could be visible to each other, including successive annotation processing [rounds](http://docs.google.com/javax/annotation/processing/RoundEnvironment.html).

**Since:** 1.6 **See Also:**[Elements.getName(java.lang.CharSequence)](http://docs.google.com/javax/lang/model/util/Elements.html#getName(java.lang.CharSequence))

| **Method Summary** | |
| --- | --- |
| boolean | [**contentEquals**](http://docs.google.com/javax/lang/model/element/Name.html#contentEquals(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) cs)            Compares this name to the specified CharSequence. |
| boolean | [**equals**](http://docs.google.com/javax/lang/model/element/Name.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Returns true if the argument represents the same name as this, and false otherwise. |
| int | [**hashCode**](http://docs.google.com/javax/lang/model/element/Name.html#hashCode())()            Obeys the general contract of [Object.hashCode](http://docs.google.com/java/lang/Object.html#hashCode()). |

| **Methods inherited from interface java.lang.**[**CharSequence**](http://docs.google.com/java/lang/CharSequence.html) |
| --- |
| [charAt](http://docs.google.com/java/lang/CharSequence.html#charAt(int)), [length](http://docs.google.com/java/lang/CharSequence.html#length()), [subSequence](http://docs.google.com/java/lang/CharSequence.html#subSequence(int,%20int)), [toString](http://docs.google.com/java/lang/CharSequence.html#toString()) |

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

### equals

boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) obj)

Returns true if the argument represents the same name as this, and false otherwise.

Note that the identity of a Name is a function both of its content in terms of a sequence of characters as well as the implementation which created it.

**Overrides:**[equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) in class [Object](http://docs.google.com/java/lang/Object.html) **Parameters:**obj - the object to be compared with this element **Returns:**true if the specified object represents the same name as this**See Also:**[Element.equals(java.lang.Object)](http://docs.google.com/javax/lang/model/element/Element.html#equals(java.lang.Object))

### hashCode

int **hashCode**()

Obeys the general contract of [Object.hashCode](http://docs.google.com/java/lang/Object.html#hashCode()).

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hash code value for this object.**See Also:**[equals(java.lang.Object)](http://docs.google.com/javax/lang/model/element/Name.html#equals(java.lang.Object))

### contentEquals

boolean **contentEquals**([CharSequence](http://docs.google.com/java/lang/CharSequence.html) cs)

Compares this name to the specified CharSequence. The result is true if and only if this name represents the same sequence of char values as the specified sequence.

**Parameters:**cs - The sequence to compare this name against **Returns:**true if this name represents the same sequence of char values as the specified sequence, false otherwise**See Also:**[String.contentEquals(CharSequence)](http://docs.google.com/java/lang/String.html#contentEquals(java.lang.CharSequence))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Name.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](#tyjcwt) |

[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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