| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicControl.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   [**NEXT CLASS**](http://docs.google.com/javax/naming/ldap/Control.html) | [**FRAMES**](http://docs.google.com/index.html?javax/naming/ldap/BasicControl.html)    [**NO FRAMES**](http://docs.google.com/BasicControl.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#26in1rg) | [METHOD](#1ksv4uv) |

## **javax.naming.ldap**

Class BasicControl

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.naming.ldap.BasicControl**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Control](http://docs.google.com/javax/naming/ldap/Control.html) **Direct Known Subclasses:** [ManageReferralControl](http://docs.google.com/javax/naming/ldap/ManageReferralControl.html), [PagedResultsControl](http://docs.google.com/javax/naming/ldap/PagedResultsControl.html), [PagedResultsResponseControl](http://docs.google.com/javax/naming/ldap/PagedResultsResponseControl.html), [SortControl](http://docs.google.com/javax/naming/ldap/SortControl.html), [SortResponseControl](http://docs.google.com/javax/naming/ldap/SortResponseControl.html)

public class **BasicControl**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Control](http://docs.google.com/javax/naming/ldap/Control.html)

This class provides a basic implementation of the Control interface. It represents an LDAPv3 Control as defined in [RFC 2251](http://www.ietf.org/rfc/rfc2251.txt).

**Since:** 1.5 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#javax.naming.ldap.BasicControl)

| **Field Summary** | |
| --- | --- |
| protected  boolean | [**criticality**](http://docs.google.com/javax/naming/ldap/BasicControl.html#criticality)            The control's criticality. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**id**](http://docs.google.com/javax/naming/ldap/BasicControl.html#id)            The control's object identifier string. |
| protected  byte[] | [**value**](http://docs.google.com/javax/naming/ldap/BasicControl.html#value)            The control's ASN.1 BER encoded value. |

| **Fields inherited from interface javax.naming.ldap.**[**Control**](http://docs.google.com/javax/naming/ldap/Control.html) |
| --- |
| [CRITICAL](http://docs.google.com/javax/naming/ldap/Control.html#CRITICAL), [NONCRITICAL](http://docs.google.com/javax/naming/ldap/Control.html#NONCRITICAL) |

| **Constructor Summary** | |
| --- | --- |
| [**BasicControl**](http://docs.google.com/javax/naming/ldap/BasicControl.html#BasicControl(java.lang.String))([String](http://docs.google.com/java/lang/String.html) id)            Constructs a non-critical control. |
| [**BasicControl**](http://docs.google.com/javax/naming/ldap/BasicControl.html#BasicControl(java.lang.String,%20boolean,%20byte%5B%5D))([String](http://docs.google.com/java/lang/String.html) id, boolean criticality, byte[] value)            Constructs a control using the supplied arguments. |

| **Method Summary** | |
| --- | --- |
| byte[] | [**getEncodedValue**](http://docs.google.com/javax/naming/ldap/BasicControl.html#getEncodedValue())()            Retrieves the control's ASN.1 BER encoded value. |
| [String](http://docs.google.com/java/lang/String.html) | [**getID**](http://docs.google.com/javax/naming/ldap/BasicControl.html#getID())()            Retrieves the control's object identifier string. |
| boolean | [**isCritical**](http://docs.google.com/javax/naming/ldap/BasicControl.html#isCritical())()            Determines the control's criticality. |

| **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** |
| --- |

### id

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

The control's object identifier string.

### criticality

protected boolean **criticality**

The control's criticality.

### value

protected byte[] **value**

The control's ASN.1 BER encoded value.

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

### BasicControl

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

Constructs a non-critical control.

**Parameters:**id - The control's object identifier string.

### BasicControl

public **BasicControl**([String](http://docs.google.com/java/lang/String.html) id,  
 boolean criticality,  
 byte[] value)

Constructs a control using the supplied arguments.

**Parameters:**id - The control's object identifier string.criticality - The control's criticality.value - The control's ASN.1 BER encoded value. It is not cloned - any changes to value will affect the contents of the control. It may be null.

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

### getID

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

Retrieves the control's object identifier string.

**Specified by:**[getID](http://docs.google.com/javax/naming/ldap/Control.html#getID()) in interface [Control](http://docs.google.com/javax/naming/ldap/Control.html) **Returns:**The non-null object identifier string.

### isCritical

public boolean **isCritical**()

Determines the control's criticality.

**Specified by:**[isCritical](http://docs.google.com/javax/naming/ldap/Control.html#isCritical()) in interface [Control](http://docs.google.com/javax/naming/ldap/Control.html) **Returns:**true if the control is critical; false otherwise.

### getEncodedValue

public byte[] **getEncodedValue**()

Retrieves the control's ASN.1 BER encoded value. The result includes the BER tag and length for the control's value but does not include the control's object identifier and criticality setting.

**Specified by:**[getEncodedValue](http://docs.google.com/javax/naming/ldap/Control.html#getEncodedValue()) in interface [Control](http://docs.google.com/javax/naming/ldap/Control.html) **Returns:**A possibly null byte array representing the control's ASN.1 BER encoded value. It is not cloned - any changes to the returned value will affect the contents of the control.

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