| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/naming/ldap/Control.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/naming/ldap//class-useControl.html)    [**NO FRAMES**](http://docs.google.com/Control.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.naming.ldap.Control**

| Packages that use [Control](http://docs.google.com/javax/naming/ldap/Control.html) | |
| --- | --- |
| [**javax.naming.ldap**](#3znysh7) | Provides support for LDAPv3 extended operations and controls. |

| Uses of [Control](http://docs.google.com/javax/naming/ldap/Control.html) in [javax.naming.ldap](http://docs.google.com/javax/naming/ldap/package-summary.html) | |
| --- | --- |

| Classes in [javax.naming.ldap](http://docs.google.com/javax/naming/ldap/package-summary.html) that implement [Control](http://docs.google.com/javax/naming/ldap/Control.html) | |
| --- | --- |
| class | [**BasicControl**](http://docs.google.com/javax/naming/ldap/BasicControl.html)            This class provides a basic implementation of the Control interface. |
| class | [**ManageReferralControl**](http://docs.google.com/javax/naming/ldap/ManageReferralControl.html)            Requests that referral and other special LDAP objects be manipulated as normal LDAP objects. |
| class | [**PagedResultsControl**](http://docs.google.com/javax/naming/ldap/PagedResultsControl.html)            Requests that the results of a search operation be returned by the LDAP server in batches of a specified size. |
| class | [**PagedResultsResponseControl**](http://docs.google.com/javax/naming/ldap/PagedResultsResponseControl.html)            Indicates the end of a batch of search results. |
| class | [**SortControl**](http://docs.google.com/javax/naming/ldap/SortControl.html)            Requests that the results of a search operation be sorted by the LDAP server before being returned. |
| class | [**SortResponseControl**](http://docs.google.com/javax/naming/ldap/SortResponseControl.html)            Indicates whether the requested sort of search results was successful or not. |

| Methods in [javax.naming.ldap](http://docs.google.com/javax/naming/ldap/package-summary.html) that return [Control](http://docs.google.com/javax/naming/ldap/Control.html) | |
| --- | --- |
| [Control](http://docs.google.com/javax/naming/ldap/Control.html)[] | **InitialLdapContext.**[**getConnectControls**](http://docs.google.com/javax/naming/ldap/InitialLdapContext.html#getConnectControls())() |
| [Control](http://docs.google.com/javax/naming/ldap/Control.html)[] | **LdapContext.**[**getConnectControls**](http://docs.google.com/javax/naming/ldap/LdapContext.html#getConnectControls())()            Retrieves the connection request controls in effect for this context. |
| abstract  [Control](http://docs.google.com/javax/naming/ldap/Control.html) | **ControlFactory.**[**getControlInstance**](http://docs.google.com/javax/naming/ldap/ControlFactory.html#getControlInstance(javax.naming.ldap.Control))([Control](http://docs.google.com/javax/naming/ldap/Control.html) ctl)            Creates a control using this control factory. |
| static [Control](http://docs.google.com/javax/naming/ldap/Control.html) | **ControlFactory.**[**getControlInstance**](http://docs.google.com/javax/naming/ldap/ControlFactory.html#getControlInstance(javax.naming.ldap.Control,%20javax.naming.Context,%20java.util.Hashtable))([Control](http://docs.google.com/javax/naming/ldap/Control.html) ctl, [Context](http://docs.google.com/javax/naming/Context.html) ctx, [Hashtable](http://docs.google.com/java/util/Hashtable.html)<?,?> env)            Creates a control using known control factories. |
| [Control](http://docs.google.com/javax/naming/ldap/Control.html)[] | **HasControls.**[**getControls**](http://docs.google.com/javax/naming/ldap/HasControls.html#getControls())()            Retrieves an array of Controls from the object that implements this interface. |
| [Control](http://docs.google.com/javax/naming/ldap/Control.html)[] | **InitialLdapContext.**[**getRequestControls**](http://docs.google.com/javax/naming/ldap/InitialLdapContext.html#getRequestControls())() |
| [Control](http://docs.google.com/javax/naming/ldap/Control.html)[] | **LdapContext.**[**getRequestControls**](http://docs.google.com/javax/naming/ldap/LdapContext.html#getRequestControls())()            Retrieves the request controls in effect for this context. |
| [Control](http://docs.google.com/javax/naming/ldap/Control.html)[] | **InitialLdapContext.**[**getResponseControls**](http://docs.google.com/javax/naming/ldap/InitialLdapContext.html#getResponseControls())() |
| [Control](http://docs.google.com/javax/naming/ldap/Control.html)[] | **LdapContext.**[**getResponseControls**](http://docs.google.com/javax/naming/ldap/LdapContext.html#getResponseControls())()            Retrieves the response controls produced as a result of the last method invoked on this context. |

| Methods in [javax.naming.ldap](http://docs.google.com/javax/naming/ldap/package-summary.html) with parameters of type [Control](http://docs.google.com/javax/naming/ldap/Control.html) | |
| --- | --- |
| abstract  [Control](http://docs.google.com/javax/naming/ldap/Control.html) | **ControlFactory.**[**getControlInstance**](http://docs.google.com/javax/naming/ldap/ControlFactory.html#getControlInstance(javax.naming.ldap.Control))([Control](http://docs.google.com/javax/naming/ldap/Control.html) ctl)            Creates a control using this control factory. |
| static [Control](http://docs.google.com/javax/naming/ldap/Control.html) | **ControlFactory.**[**getControlInstance**](http://docs.google.com/javax/naming/ldap/ControlFactory.html#getControlInstance(javax.naming.ldap.Control,%20javax.naming.Context,%20java.util.Hashtable))([Control](http://docs.google.com/javax/naming/ldap/Control.html) ctl, [Context](http://docs.google.com/javax/naming/Context.html) ctx, [Hashtable](http://docs.google.com/java/util/Hashtable.html)<?,?> env)            Creates a control using known control factories. |
| abstract  [Context](http://docs.google.com/javax/naming/Context.html) | **LdapReferralException.**[**getReferralContext**](http://docs.google.com/javax/naming/ldap/LdapReferralException.html#getReferralContext(java.util.Hashtable,%20javax.naming.ldap.Control%5B%5D))([Hashtable](http://docs.google.com/java/util/Hashtable.html)<?,?> env, [Control](http://docs.google.com/javax/naming/ldap/Control.html)[] reqCtls)            Retrieves the context at which to continue the method using request controls and environment properties. |
| [LdapContext](http://docs.google.com/javax/naming/ldap/LdapContext.html) | **InitialLdapContext.**[**newInstance**](http://docs.google.com/javax/naming/ldap/InitialLdapContext.html#newInstance(javax.naming.ldap.Control%5B%5D))([Control](http://docs.google.com/javax/naming/ldap/Control.html)[] reqCtls) |
| [LdapContext](http://docs.google.com/javax/naming/ldap/LdapContext.html) | **LdapContext.**[**newInstance**](http://docs.google.com/javax/naming/ldap/LdapContext.html#newInstance(javax.naming.ldap.Control%5B%5D))([Control](http://docs.google.com/javax/naming/ldap/Control.html)[] requestControls)            Creates a new instance of this context initialized using request controls. |
| void | **InitialLdapContext.**[**reconnect**](http://docs.google.com/javax/naming/ldap/InitialLdapContext.html#reconnect(javax.naming.ldap.Control%5B%5D))([Control](http://docs.google.com/javax/naming/ldap/Control.html)[] connCtls) |
| void | **LdapContext.**[**reconnect**](http://docs.google.com/javax/naming/ldap/LdapContext.html#reconnect(javax.naming.ldap.Control%5B%5D))([Control](http://docs.google.com/javax/naming/ldap/Control.html)[] connCtls)            Reconnects to the LDAP server using the supplied controls and this context's environment. |
| void | **InitialLdapContext.**[**setRequestControls**](http://docs.google.com/javax/naming/ldap/InitialLdapContext.html#setRequestControls(javax.naming.ldap.Control%5B%5D))([Control](http://docs.google.com/javax/naming/ldap/Control.html)[] requestControls) |
| void | **LdapContext.**[**setRequestControls**](http://docs.google.com/javax/naming/ldap/LdapContext.html#setRequestControls(javax.naming.ldap.Control%5B%5D))([Control](http://docs.google.com/javax/naming/ldap/Control.html)[] requestControls)            Sets the request controls for methods subsequently invoked on this context. |

| Constructors in [javax.naming.ldap](http://docs.google.com/javax/naming/ldap/package-summary.html) with parameters of type [Control](http://docs.google.com/javax/naming/ldap/Control.html) | |
| --- | --- |
| [**InitialLdapContext**](http://docs.google.com/javax/naming/ldap/InitialLdapContext.html#InitialLdapContext(java.util.Hashtable,%20javax.naming.ldap.Control%5B%5D))([Hashtable](http://docs.google.com/java/util/Hashtable.html)<?,?> environment, [Control](http://docs.google.com/javax/naming/ldap/Control.html)[] connCtls)            Constructs an initial context using environment properties and connection request controls. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/naming/ldap/Control.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/naming/ldap//class-useControl.html)    [**NO FRAMES**](http://docs.google.com/Control.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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