| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PagedResultsResponseControl.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/ldap/PagedResultsControl.html)   [**NEXT CLASS**](http://docs.google.com/javax/naming/ldap/Rdn.html) | [**FRAMES**](http://docs.google.com/index.html?javax/naming/ldap/PagedResultsResponseControl.html)    [**NO FRAMES**](http://docs.google.com/PagedResultsResponseControl.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: [FIELD](#17dp8vu) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

## **javax.naming.ldap**

Class PagedResultsResponseControl

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

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Control](http://docs.google.com/javax/naming/ldap/Control.html)

public final class **PagedResultsResponseControl**extends [BasicControl](http://docs.google.com/javax/naming/ldap/BasicControl.html)

Indicates the end of a batch of search results. Contains an estimate of the total number of entries in the result set and an opaque cookie. The cookie must be supplied to the next search operation in order to get the next batch of results.

The code sample in [PagedResultsControl](http://docs.google.com/javax/naming/ldap/PagedResultsControl.html) shows how this class may be used.

This class implements the LDAPv3 Response Control for paged-results as defined in [RFC 2696](http://www.ietf.org/rfc/rfc2696). The control's value has the following ASN.1 definition:

realSearchControlValue ::= SEQUENCE {  
 size INTEGER (0..maxInt),  
 -- requested page size from client  
 -- result set size estimate from server  
 cookie OCTET STRING  
 }

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

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**OID**](http://docs.google.com/javax/naming/ldap/PagedResultsResponseControl.html#OID)            The paged-results response control's assigned object identifier is 1.2.840.113556.1.4.319. |

| **Fields inherited from class javax.naming.ldap.**[**BasicControl**](http://docs.google.com/javax/naming/ldap/BasicControl.html) |
| --- |
| [criticality](http://docs.google.com/javax/naming/ldap/BasicControl.html#criticality), [id](http://docs.google.com/javax/naming/ldap/BasicControl.html#id), [value](http://docs.google.com/javax/naming/ldap/BasicControl.html#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** | |
| --- | --- |
| [**PagedResultsResponseControl**](http://docs.google.com/javax/naming/ldap/PagedResultsResponseControl.html#PagedResultsResponseControl(java.lang.String,%20boolean,%20byte%5B%5D))([String](http://docs.google.com/java/lang/String.html) id, boolean criticality, byte[] value)            Constructs a paged-results response control. |

| **Method Summary** | |
| --- | --- |
| byte[] | [**getCookie**](http://docs.google.com/javax/naming/ldap/PagedResultsResponseControl.html#getCookie())()            Retrieves the server-generated cookie. |
| int | [**getResultSize**](http://docs.google.com/javax/naming/ldap/PagedResultsResponseControl.html#getResultSize())()            Retrieves (an estimate of) the number of entries in the search result. |

| **Methods inherited from class javax.naming.ldap.**[**BasicControl**](http://docs.google.com/javax/naming/ldap/BasicControl.html) |
| --- |
| [getEncodedValue](http://docs.google.com/javax/naming/ldap/BasicControl.html#getEncodedValue()), [getID](http://docs.google.com/javax/naming/ldap/BasicControl.html#getID()), [isCritical](http://docs.google.com/javax/naming/ldap/BasicControl.html#isCritical()) |

| **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** |
| --- |

### OID

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

The paged-results response control's assigned object identifier is 1.2.840.113556.1.4.319.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.naming.ldap.PagedResultsResponseControl.OID)

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

### PagedResultsResponseControl

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

Constructs a paged-results response control.

**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. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - If an error was encountered while decoding the control's value.

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

### getResultSize

public int **getResultSize**()

Retrieves (an estimate of) the number of entries in the search result.

**Returns:**The number of entries in the search result, or zero if unknown.

### getCookie

public byte[] **getCookie**()

Retrieves the server-generated cookie. Null is returned when there are no more entries for the server to return.

**Returns:**A possibly null server-generated cookie. It is not cloned - any changes to the cookie will update the control's state and thus are not recommended.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PagedResultsResponseControl.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/ldap/PagedResultsControl.html)   [**NEXT CLASS**](http://docs.google.com/javax/naming/ldap/Rdn.html) | [**FRAMES**](http://docs.google.com/index.html?javax/naming/ldap/PagedResultsResponseControl.html)    [**NO FRAMES**](http://docs.google.com/PagedResultsResponseControl.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: [FIELD](#17dp8vu) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

[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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