| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AppConfigurationEntry.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/security/auth/login/AccountNotFoundException.html)   [**NEXT CLASS**](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/auth/login/AppConfigurationEntry.html)    [**NO FRAMES**](http://docs.google.com/AppConfigurationEntry.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | FIELD | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

## **javax.security.auth.login**

Class AppConfigurationEntry

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.security.auth.login.AppConfigurationEntry**

public class **AppConfigurationEntry**extends [Object](http://docs.google.com/java/lang/Object.html)

This class represents a single LoginModule entry configured for the application specified in the getAppConfigurationEntry(String appName) method in the Configuration class. Each respective AppConfigurationEntry contains a LoginModule name, a control flag (specifying whether this LoginModule is REQUIRED, REQUISITE, SUFFICIENT, or OPTIONAL), and LoginModule-specific options. Please refer to the Configuration class for more information on the different control flags and their semantics.

**See Also:**[Configuration](http://docs.google.com/javax/security/auth/login/Configuration.html)

| **Nested Class Summary** | |
| --- | --- |
| static class | [**AppConfigurationEntry.LoginModuleControlFlag**](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html)            This class represents whether or not a LoginModule is REQUIRED, REQUISITE, SUFFICIENT or OPTIONAL. |

| **Constructor Summary** | |
| --- | --- |
| [**AppConfigurationEntry**](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.html#AppConfigurationEntry(java.lang.String,%20javax.security.auth.login.AppConfigurationEntry.LoginModuleControlFlag,%20java.util.Map))([String](http://docs.google.com/java/lang/String.html) loginModuleName, [AppConfigurationEntry.LoginModuleControlFlag](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html) controlFlag, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),?> options)            Default constructor for this class. |

| **Method Summary** | |
| --- | --- |
| [AppConfigurationEntry.LoginModuleControlFlag](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html) | [**getControlFlag**](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.html#getControlFlag())()            Return the controlFlag (either REQUIRED, REQUISITE, SUFFICIENT, or OPTIONAL) for this LoginModule. |
| [String](http://docs.google.com/java/lang/String.html) | [**getLoginModuleName**](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.html#getLoginModuleName())()            Get the class name of the configured LoginModule. |
| [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),?> | [**getOptions**](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.html#getOptions())()            Get the options configured for this LoginModule. |

| **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)) |

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

### AppConfigurationEntry

public **AppConfigurationEntry**([String](http://docs.google.com/java/lang/String.html) loginModuleName,  
 [AppConfigurationEntry.LoginModuleControlFlag](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html) controlFlag,  
 [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),?> options)

Default constructor for this class.

This entry represents a single LoginModule entry configured for the application specified in the getAppConfigurationEntry(String appName) method from the Configuration class.

**Parameters:**loginModuleName - String representing the class name of the LoginModule configured for the specified application.

controlFlag - either REQUIRED, REQUISITE, SUFFICIENT, or OPTIONAL.

options - the options configured for this LoginModule. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if loginModuleName is null, if LoginModuleName has a length of 0, if controlFlag is not either REQUIRED, REQUISITE, SUFFICIENT or OPTIONAL, or if options is null.

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

### getLoginModuleName

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

Get the class name of the configured LoginModule.

**Returns:**the class name of the configured LoginModule as a String.

### getControlFlag

public [AppConfigurationEntry.LoginModuleControlFlag](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html) **getControlFlag**()

Return the controlFlag (either REQUIRED, REQUISITE, SUFFICIENT, or OPTIONAL) for this LoginModule.

**Returns:**the controlFlag (either REQUIRED, REQUISITE, SUFFICIENT, or OPTIONAL) for this LoginModule.

### getOptions

public [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),?> **getOptions**()

Get the options configured for this LoginModule.

**Returns:**the options configured for this LoginModule as an unmodifiable Map.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AppConfigurationEntry.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/security/auth/login/AccountNotFoundException.html)   [**NEXT CLASS**](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/auth/login/AppConfigurationEntry.html)    [**NO FRAMES**](http://docs.google.com/AppConfigurationEntry.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | FIELD | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

[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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