| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ReflectPermission.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/java/lang/reflect/Proxy.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/reflect/Type.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/reflect/ReflectPermission.html)    [**NO FRAMES**](http://docs.google.com/ReflectPermission.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#4d34og8) | METHOD |

## **java.lang.reflect**

Class ReflectPermission

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.security.Permission](http://docs.google.com/java/security/Permission.html)  
 [java.security.BasicPermission](http://docs.google.com/java/security/BasicPermission.html)  
 **java.lang.reflect.ReflectPermission**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Guard](http://docs.google.com/java/security/Guard.html)

public final class **ReflectPermission**extends [BasicPermission](http://docs.google.com/java/security/BasicPermission.html)

The Permission class for reflective operations. A ReflectPermission is a *named permission* and has no actions. The only name currently defined is suppressAccessChecks, which allows suppressing the standard Java language access checks -- for public, default (package) access, protected, and private members -- performed by reflected objects at their point of use.

The following table provides a summary description of what the permission allows, and discusses the risks of granting code the permission.

| Permission Target Name | What the Permission Allows | Risks of Allowing this Permission |
| --- | --- | --- |
| suppressAccessChecks | ability to access fields and invoke methods in a class. Note that this includes not only public, but protected and private fields and methods as well. | This is dangerous in that information (possibly confidential) and methods normally unavailable would be accessible to malicious code. |

**Since:** 1.2 **See Also:**[Permission](http://docs.google.com/java/security/Permission.html), [BasicPermission](http://docs.google.com/java/security/BasicPermission.html), [AccessibleObject](http://docs.google.com/java/lang/reflect/AccessibleObject.html), [Field.get(java.lang.Object)](http://docs.google.com/java/lang/reflect/Field.html#get(java.lang.Object)), [Field.set(java.lang.Object, java.lang.Object)](http://docs.google.com/java/lang/reflect/Field.html#set(java.lang.Object,%20java.lang.Object)), [Method.invoke(java.lang.Object, java.lang.Object...)](http://docs.google.com/java/lang/reflect/Method.html#invoke(java.lang.Object,%20java.lang.Object...)), [Constructor.newInstance(java.lang.Object...)](http://docs.google.com/java/lang/reflect/Constructor.html#newInstance(java.lang.Object...)), [Serialized Form](http://docs.google.com/serialized-form.html#java.lang.reflect.ReflectPermission)

| **Constructor Summary** | |
| --- | --- |
| [**ReflectPermission**](http://docs.google.com/java/lang/reflect/ReflectPermission.html#ReflectPermission(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Constructs a ReflectPermission with the specified name. |
| [**ReflectPermission**](http://docs.google.com/java/lang/reflect/ReflectPermission.html#ReflectPermission(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) actions)            Constructs a ReflectPermission with the specified name and actions. |

| **Method Summary** | |
| --- | --- |

| **Methods inherited from class java.security.**[**BasicPermission**](http://docs.google.com/java/security/BasicPermission.html) |
| --- |
| [equals](http://docs.google.com/java/security/BasicPermission.html#equals(java.lang.Object)), [getActions](http://docs.google.com/java/security/BasicPermission.html#getActions()), [hashCode](http://docs.google.com/java/security/BasicPermission.html#hashCode()), [implies](http://docs.google.com/java/security/BasicPermission.html#implies(java.security.Permission)), [newPermissionCollection](http://docs.google.com/java/security/BasicPermission.html#newPermissionCollection()) |

| **Methods inherited from class java.security.**[**Permission**](http://docs.google.com/java/security/Permission.html) |
| --- |
| [checkGuard](http://docs.google.com/java/security/Permission.html#checkGuard(java.lang.Object)), [getName](http://docs.google.com/java/security/Permission.html#getName()), [toString](http://docs.google.com/java/security/Permission.html#toString()) |

| **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()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [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** |
| --- |

### ReflectPermission

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

Constructs a ReflectPermission with the specified name.

**Parameters:**name - the name of the ReflectPermission **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if name is null. [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if name is empty.

### ReflectPermission

public **ReflectPermission**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) actions)

Constructs a ReflectPermission with the specified name and actions. The actions should be null; they are ignored.

**Parameters:**name - the name of the ReflectPermissionactions - should be null **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if name is null. [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if name is empty.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ReflectPermission.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/java/lang/reflect/Proxy.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/reflect/Type.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/reflect/ReflectPermission.html)    [**NO FRAMES**](http://docs.google.com/ReflectPermission.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#4d34og8) | METHOD |

[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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