| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrivilegedExceptionAction.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/security/PrivilegedActionException.html)   [**NEXT CLASS**](http://docs.google.com/java/security/ProtectionDomain.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/PrivilegedExceptionAction.html)    [**NO FRAMES**](http://docs.google.com/PrivilegedExceptionAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **java.security**

Interface PrivilegedExceptionAction<T>

public interface **PrivilegedExceptionAction<T>**

A computation to be performed with privileges enabled, that throws one or more checked exceptions. The computation is performed by invoking AccessController.doPrivileged on the PrivilegedExceptionAction object. This interface is used only for computations that throw checked exceptions; computations that do not throw checked exceptions should use PrivilegedAction instead.

**See Also:**[AccessController](http://docs.google.com/java/security/AccessController.html), [AccessController.doPrivileged(PrivilegedExceptionAction)](http://docs.google.com/java/security/AccessController.html#doPrivileged(java.security.PrivilegedExceptionAction)), [AccessController.doPrivileged(PrivilegedExceptionAction, AccessControlContext)](http://docs.google.com/java/security/AccessController.html#doPrivileged(java.security.PrivilegedExceptionAction,%20java.security.AccessControlContext)), [PrivilegedAction](http://docs.google.com/java/security/PrivilegedAction.html)

| **Method Summary** | |
| --- | --- |
| [T](http://docs.google.com/java/security/PrivilegedExceptionAction.html) | [**run**](http://docs.google.com/java/security/PrivilegedExceptionAction.html#run())()            Performs the computation. |

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

### run

[T](http://docs.google.com/java/security/PrivilegedExceptionAction.html) **run**()  
 throws [Exception](http://docs.google.com/java/lang/Exception.html)

Performs the computation. This method will be called by AccessController.doPrivileged after enabling privileges.

**Returns:**a class-dependent value that may represent the results of the computation. Each class that implements PrivilegedExceptionAction should document what (if anything) this value represents. **Throws:** [Exception](http://docs.google.com/java/lang/Exception.html) - an exceptional condition has occurred. Each class that implements PrivilegedExceptionAction should document the exceptions that its run method can throw.**See Also:**[AccessController.doPrivileged(PrivilegedExceptionAction)](http://docs.google.com/java/security/AccessController.html#doPrivileged(java.security.PrivilegedExceptionAction)), [AccessController.doPrivileged(PrivilegedExceptionAction,AccessControlContext)](http://docs.google.com/java/security/AccessController.html#doPrivileged(java.security.PrivilegedExceptionAction,%20java.security.AccessControlContext))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrivilegedExceptionAction.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/security/PrivilegedActionException.html)   [**NEXT CLASS**](http://docs.google.com/java/security/ProtectionDomain.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/PrivilegedExceptionAction.html)    [**NO FRAMES**](http://docs.google.com/PrivilegedExceptionAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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