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java.security

Interface PrivilegedAction<T>

public interface **PrivilegedAction**<T>

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

See Also:

`AccessController`, `AccessController.doPrivileged(PrivilegedAction)`, `PrivilegedExceptionAction`

Method Summary

Methods

Modifier and Type	Method and Description
T	<code>run()</code> Performs the computation.

Method Detail

run

T run()

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 `PrivilegedAction` should document what (if anything) this value represents.

See Also:

`AccessController.doPrivileged(PrivilegedAction)`, `AccessController.doPrivileged(PrivilegedAction, AccessControlContext)`

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For further API reference and developer documentation, see [Java SE Documentation](#). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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