Module java.base

Package java.lang.invoke

Enum Class MethodHandles.Lookup.ClassOption

java.lang.Object
    java.lang.Enum<MethodHandles.Lookup.ClassOption>
        java.lang.invoke.MethodHandles.Lookup.ClassOption

All Implemented Interfaces:

Serializable, Comparable<MethodHandles.Lookup.ClassOption>, Constable

Enclosing class:

MethodHandles.Lookup

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public static enum **MethodHandles.Lookup.ClassOption**
extends Enum<MethodHandles.Lookup.ClassOption>

The set of class options that specify whether a hidden class created by
Lookup::defineHiddenClass method is dynamically added as a new member to the nest of a
lookup class and/or whether a hidden class has a strong relationship with the class loader
marked as its defining loader.

Since:

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Nested Class Summary

Nested classes/interfaces declared in class java.lang.*Enum*

Enum.EnumDesc<E extends Enum<E>>

Enum Constant Summary

Enum Constants

Enum Constant	Description
NESTMATE	Specifies that a hidden class be added to nest of a lookup class as a nestmate.
STRONG	Specifies that a hidden class has a *strong* relationship with the class loader marked as its defining loader, as a normal class or interface has with its own defining loader.

Method Summary

All Methods   **Static Methods**   **Concrete Methods**

Modifier and Type	Method	Description
static MethodHandles.Lookup.Clas	**valueOf**(**String** name)	Returns the enum constant of this class with the specified name.
static MethodHandles.Lookup.Clas	**values**()	Returns an array containing the constants of this enum class, in the order they are declared.

Methods declared in class java.lang.**Enum**

clone, compareTo, describeConstable, equals, finalize, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

Methods declared in class java.lang.**Object**

getClass, notify, notifyAll, wait, wait, wait

Enum Constant Details

NESTMATE

public static final MethodHandles.Lookup.ClassOption NESTMATE

Specifies that a hidden class be added to nest of a lookup class as a nestmate.

A hidden nestmate class has access to the private members of all classes and interfaces in the same nest.

See Also:

Class.getNestHost()

STRONG

public static final MethodHandles.Lookup.ClassOption STRONG

Specifies that a hidden class has a *strong* relationship with the class loader marked as its defining loader, as a normal class or interface has with its own defining loader. This means that the hidden class may be unloaded if and only if its defining loader is not reachable and thus may be reclaimed by a garbage collector (JLS 12.7).

By default, a hidden class or interface may be unloaded even if the class loader that is marked as its defining loader is reachable.

See *Java Language Specification*:

12.7 Unloading of Classes and Interfaces⬀

Method Details

values

public static MethodHandles.Lookup.ClassOption[] values()

Returns an array containing the constants of this enum class, in the order they are declared.

Returns:

an array containing the constants of this enum class, in the order they are declared

valueOf

public static MethodHandles.Lookup.ClassOption valueOf(String name)

Returns the enum constant of this class with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this class. (Extraneous whitespace characters are not permitted.)

Parameters:

name - the name of the enum constant to be returned.

Returns:

the enum constant with the specified name

Throws:

IllegalArgumentException - if this enum class has no constant with the specified name

NullPointerException - if the argument is null

Report a bug or suggest an enhancement

For further API reference and developer documentation see the Java SE Documentation, which contains more detailed, developer-targeted descriptions with conceptual overviews, definitions of terms, workarounds, and working code examples.