| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/VMID.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/rmi/dgc/Lease.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?java/rmi/dgc/VMID.html)    [**NO FRAMES**](http://docs.google.com/VMID.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **java.rmi.dgc**

Class VMID

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.rmi.dgc.VMID**

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

public final class **VMID**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

A VMID is a identifier that is unique across all Java virtual machines. VMIDs are used by the distributed garbage collector to identify client VMs.

**See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.rmi.dgc.VMID)

| **Constructor Summary** | |
| --- | --- |
| [**VMID**](http://docs.google.com/java/rmi/dgc/VMID.html#VMID())()            Create a new VMID. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/java/rmi/dgc/VMID.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Compare this VMID to another, and return true if they are the same identifier. |
| int | [**hashCode**](http://docs.google.com/java/rmi/dgc/VMID.html#hashCode())()            Compute hash code for this VMID. |
| static boolean | [**isUnique**](http://docs.google.com/java/rmi/dgc/VMID.html#isUnique())()  **Deprecated.** |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/rmi/dgc/VMID.html#toString())()            Return string representation of this VMID. |

| **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** |
| --- |

### VMID

public **VMID**()

Create a new VMID. Each new VMID returned from this constructor is unique for all Java virtual machines under the following conditions: a) the conditions for uniqueness for objects of the class java.rmi.server.UID are satisfied, and b) an address can be obtained for this host that is unique and constant for the lifetime of this object.

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

### isUnique

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
public static boolean **isUnique**()

**Deprecated.**

Return true if an accurate address can be determined for this host. If false, reliable VMID cannot be generated from this host

**Returns:**true if host address can be determined, false otherwise

### hashCode

public int **hashCode**()

Compute hash code for this VMID.

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hash code value for this object.**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### equals

public boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) obj)

Compare this VMID to another, and return true if they are the same identifier.

**Overrides:**[equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) in class [Object](http://docs.google.com/java/lang/Object.html) **Parameters:**obj - the reference object with which to compare. **Returns:**true if this object is the same as the obj argument; false otherwise.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### toString

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

Return string representation of this VMID.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of the object.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/VMID.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[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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