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file:///home/pi/Alamo\_Colleges/Java/docs/api/index.html

Java SE8 API EE 7 API Slashdot Fedora Project Other

Java™ Platform Standard Ed. 8

All Classes All Profiles

Packages

java.applet java.awt java.awt\_color

NumberOp NumberUpSupported NumericShaper NumericShaper.Range NVList OAEPParameterSpec OBJ\_ADAPTER ObjDoubleConsumer Object Object OBJECT\_NOT\_EXIST ObjectAlreadyActive ObjectAlreadyActiveHelper ObjectChangeListener ObjectFactory ObjectBuilderFactory ObjectHelper ObjectHolder ObjectIdHelper ObjectImpl ObjectImpl ObjectInput

public int hashCode()

Returns a hash code value for the object. This method is supported for the benefit of hash tables such as those provided by *HashMap*.

The general contract of hashCode is:

- Whenever it is invoked on the same object more than once during an execution of a Java application, the hashCode method must consistently return the same integer, provided no information used in equals comparisons on the object is modified. This integer need not remain consistent from one execution of an application to another execution of the same application.
- If two objects are equal according to the equals(Object) method, then calling the hashCode method on each of the two objects must produce the same integer result.
- It is *not* required that if two objects are unequal according to the equals(java.lang.Object) method, then calling the hashCode method on each of the two objects must produce distinct integer results. However, the programmer should be aware that producing distinct integer results for unequal objects may improve the performance of hash tables.

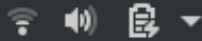
As much as is reasonably practical, the hashCode method defined by class Object does return distinct integers for distinct objects. (This is typically implemented by converting the internal address of the object into an integer, but this implementation technique is not required by the Java™ programming language.)

Returns:

a hash code value for this object.

See Also:

equals(java.lang.Object), System.identityHashCode(java.lang.Object)



pi

Password:

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Password:

Cancel

Unlock

Log in as another user



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Password:

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