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org.apache.commons.collections4.map

## Enum AbstractReferenceMap.ReferenceStrength

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + [java.lang.Enum](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true)<[AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html)>
    - org.apache.commons.collections4.map.AbstractReferenceMap.ReferenceStrength
* All Implemented Interfaces: [Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), [Comparable](https://docs.oracle.com/javase/7/docs/api/java/lang/Comparable.html?is-external=true)<[AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html)> Enclosing class: [AbstractReferenceMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html)>  
    
  public static enum AbstractReferenceMap.ReferenceStrength  
  extends [Enum](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true)<[AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html)>  
  Reference type enum.

### Enum Constant SummaryEnum Constants

|  |
| --- |
| * + Enum Constant and Description |
| * + [HARD](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html#HARD) |
| * + [SOFT](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html#SOFT) |
| * + [WEAK](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html#WEAK) |

### Field SummaryFields

|  |  |
| --- | --- |
| * + Modifier and Type | * + Field and Description |
| * + int | * + [value](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html#value) value |

### Method SummaryAll Methods Static Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html) | * + [resolve](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html#resolve-int-)(int value) Resolve enum from int. |
| * + static [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html) | * + [valueOf](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html#valueOf-java.lang.String-)([String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) Returns the enum constant of this type with the specified name. |
| * + static [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html)[] | * + [values](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html#values--)() Returns an array containing the constants of this enum type, in the order they are declared. |

### Methods inherited from class java.lang.[**Enum**](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true)[clone](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#clone--), [compareTo](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#compareTo-E-), [equals](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#equals-java.lang.Object-), [finalize](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#finalize--), [getDeclaringClass](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#getDeclaringClass--), [hashCode](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#hashCode--), [name](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#name--), [ordinal](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#ordinal--), [toString](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#toString--), [valueOf](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true#valueOf-java.lang.Class-java.lang.String-)

### Methods inherited from class java.lang.[**Object**](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)[getClass](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#getClass--), [notify](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notify--), [notifyAll](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notifyAll--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-int-)

### Enum Constant Detail

#### HARD public static final [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html) HARD

#### SOFT public static final [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html) SOFT

#### WEAK public static final [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html) WEAK

### Field Detail

#### value public final int value value

### Method Detail

#### values public static [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html)[] values() Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows: for (AbstractReferenceMap.ReferenceStrength c : AbstractReferenceMap.ReferenceStrength.values())   System.out.println(c); Returns: an array containing the constants of this enum type, in the order they are declared

#### valueOf public static [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html) valueOf([String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (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](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalArgumentException.html?is-external=true) - if this enum type has no constant with the specified name [NullPointerException](https://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html?is-external=true) - if the argument is null

#### resolve public static [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html) resolve(int value) Resolve enum from int.Parameters: value - the int value Returns: ReferenceType Throws: [IllegalArgumentException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalArgumentException.html?is-external=true) - if the specified value is invalid.

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