| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/util/AbstractMap.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/util//class-useAbstractMap.html)    [**NO FRAMES**](http://docs.google.com/AbstractMap.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.util.AbstractMap**

| Packages that use [AbstractMap](http://docs.google.com/java/util/AbstractMap.html) | |
| --- | --- |
| [**java.util**](#3znysh7) | Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array). |
| [**java.util.concurrent**](#2et92p0) | Utility classes commonly useful in concurrent programming. |
| [**javax.print.attribute.standard**](#tyjcwt) | Package javax.print.attribute.standard contains classes for specific printing attributes. |

| Uses of [AbstractMap](http://docs.google.com/java/util/AbstractMap.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |

| Subclasses of [AbstractMap](http://docs.google.com/java/util/AbstractMap.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |
| class | [**EnumMap<K extends Enum<K>,V>**](http://docs.google.com/java/util/EnumMap.html)            A specialized [Map](http://docs.google.com/java/util/Map.html) implementation for use with enum type keys. |
| class | [**HashMap<K,V>**](http://docs.google.com/java/util/HashMap.html)            Hash table based implementation of the Map interface. |
| class | [**IdentityHashMap<K,V>**](http://docs.google.com/java/util/IdentityHashMap.html)            This class implements the Map interface with a hash table, using reference-equality in place of object-equality when comparing keys (and values). |
| class | [**LinkedHashMap<K,V>**](http://docs.google.com/java/util/LinkedHashMap.html)            Hash table and linked list implementation of the Map interface, with predictable iteration order. |
| class | [**TreeMap<K,V>**](http://docs.google.com/java/util/TreeMap.html)            A Red-Black tree based [NavigableMap](http://docs.google.com/java/util/NavigableMap.html) implementation. |
| class | [**WeakHashMap<K,V>**](http://docs.google.com/java/util/WeakHashMap.html)            A hashtable-based Map implementation with *weak keys*. |

| Uses of [AbstractMap](http://docs.google.com/java/util/AbstractMap.html) in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) | |
| --- | --- |

| Subclasses of [AbstractMap](http://docs.google.com/java/util/AbstractMap.html) in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) | |
| --- | --- |
| class | [**ConcurrentHashMap<K,V>**](http://docs.google.com/java/util/concurrent/ConcurrentHashMap.html)            A hash table supporting full concurrency of retrievals and adjustable expected concurrency for updates. |
| class | [**ConcurrentSkipListMap<K,V>**](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html)            A scalable concurrent [ConcurrentNavigableMap](http://docs.google.com/java/util/concurrent/ConcurrentNavigableMap.html) implementation. |

| Uses of [AbstractMap](http://docs.google.com/java/util/AbstractMap.html) in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) | |
| --- | --- |

| Subclasses of [AbstractMap](http://docs.google.com/java/util/AbstractMap.html) in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) | |
| --- | --- |
| class | [**PrinterStateReasons**](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html)            Class PrinterStateReasons is a printing attribute class, a set of enumeration values, that provides additional information about the printer's current state, i.e., information that augments the value of the printer's [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) attribute. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/util/AbstractMap.html) | **Use** | [**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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