| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/util/AbstractSet.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-useAbstractSet.html)    [**NO FRAMES**](http://docs.google.com/AbstractSet.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.util.AbstractSet**

| Packages that use [AbstractSet](http://docs.google.com/java/util/AbstractSet.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 [AbstractSet](http://docs.google.com/java/util/AbstractSet.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |

| Subclasses of [AbstractSet](http://docs.google.com/java/util/AbstractSet.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |
| class | [**EnumSet<E extends Enum<E>>**](http://docs.google.com/java/util/EnumSet.html)            A specialized [Set](http://docs.google.com/java/util/Set.html) implementation for use with enum types. |
| class | [**HashSet<E>**](http://docs.google.com/java/util/HashSet.html)            This class implements the Set interface, backed by a hash table (actually a HashMap instance). |
| class | [**LinkedHashSet<E>**](http://docs.google.com/java/util/LinkedHashSet.html)            Hash table and linked list implementation of the Set interface, with predictable iteration order. |
| class | [**TreeSet<E>**](http://docs.google.com/java/util/TreeSet.html)            A [NavigableSet](http://docs.google.com/java/util/NavigableSet.html) implementation based on a [TreeMap](http://docs.google.com/java/util/TreeMap.html). |

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

| Subclasses of [AbstractSet](http://docs.google.com/java/util/AbstractSet.html) in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) | |
| --- | --- |
| class | [**ConcurrentSkipListSet<E>**](http://docs.google.com/java/util/concurrent/ConcurrentSkipListSet.html)            A scalable concurrent [NavigableSet](http://docs.google.com/java/util/NavigableSet.html) implementation based on a [ConcurrentSkipListMap](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html). |
| class | [**CopyOnWriteArraySet<E>**](http://docs.google.com/java/util/concurrent/CopyOnWriteArraySet.html)            A [Set](http://docs.google.com/java/util/Set.html) that uses an internal [CopyOnWriteArrayList](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html) for all of its operations. |

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

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