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

**Uses of Interface**

**java.util.SortedSet**

| Packages that use [SortedSet](http://docs.google.com/java/util/SortedSet.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. |

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

| Subinterfaces of [SortedSet](http://docs.google.com/java/util/SortedSet.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |
| interface | [**NavigableSet<E>**](http://docs.google.com/java/util/NavigableSet.html)            A [SortedSet](http://docs.google.com/java/util/SortedSet.html) extended with navigation methods reporting closest matches for given search targets. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) that implement [SortedSet](http://docs.google.com/java/util/SortedSet.html) | |
| --- | --- |
| 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). |

| Methods in [java.util](http://docs.google.com/java/util/package-summary.html) that return [SortedSet](http://docs.google.com/java/util/SortedSet.html) | |
| --- | --- |
| static   | <E> [SortedSet](http://docs.google.com/java/util/SortedSet.html)<E> | | --- | | **Collections.**[**checkedSortedSet**](http://docs.google.com/java/util/Collections.html#checkedSortedSet(java.util.SortedSet,%20java.lang.Class))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<E> s, [Class](http://docs.google.com/java/lang/Class.html)<E> type)            Returns a dynamically typesafe view of the specified sorted set. |
| [SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/TreeSet.html)> | **TreeSet.**[**headSet**](http://docs.google.com/java/util/TreeSet.html#headSet(E))([E](http://docs.google.com/java/util/TreeSet.html) toElement) |
| [SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/NavigableSet.html)> | **NavigableSet.**[**headSet**](http://docs.google.com/java/util/NavigableSet.html#headSet(E))([E](http://docs.google.com/java/util/NavigableSet.html) toElement)            Returns a view of the portion of this set whose elements are strictly less than toElement. |
| [SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/SortedSet.html)> | **SortedSet.**[**headSet**](http://docs.google.com/java/util/SortedSet.html#headSet(E))([E](http://docs.google.com/java/util/SortedSet.html) toElement)            Returns a view of the portion of this set whose elements are strictly less than toElement. |
| [SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/TreeSet.html)> | **TreeSet.**[**subSet**](http://docs.google.com/java/util/TreeSet.html#subSet(E,%20E))([E](http://docs.google.com/java/util/TreeSet.html) fromElement, [E](http://docs.google.com/java/util/TreeSet.html) toElement) |
| [SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/NavigableSet.html)> | **NavigableSet.**[**subSet**](http://docs.google.com/java/util/NavigableSet.html#subSet(E,%20E))([E](http://docs.google.com/java/util/NavigableSet.html) fromElement, [E](http://docs.google.com/java/util/NavigableSet.html) toElement)            Returns a view of the portion of this set whose elements range from fromElement, inclusive, to toElement, exclusive. |
| [SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/SortedSet.html)> | **SortedSet.**[**subSet**](http://docs.google.com/java/util/SortedSet.html#subSet(E,%20E))([E](http://docs.google.com/java/util/SortedSet.html) fromElement, [E](http://docs.google.com/java/util/SortedSet.html) toElement)            Returns a view of the portion of this set whose elements range from fromElement, inclusive, to toElement, exclusive. |
| static   | <T> [SortedSet](http://docs.google.com/java/util/SortedSet.html)<T> | | --- | | **Collections.**[**synchronizedSortedSet**](http://docs.google.com/java/util/Collections.html#synchronizedSortedSet(java.util.SortedSet))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<T> s)            Returns a synchronized (thread-safe) sorted set backed by the specified sorted set. |
| [SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/TreeSet.html)> | **TreeSet.**[**tailSet**](http://docs.google.com/java/util/TreeSet.html#tailSet(E))([E](http://docs.google.com/java/util/TreeSet.html) fromElement) |
| [SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/NavigableSet.html)> | **NavigableSet.**[**tailSet**](http://docs.google.com/java/util/NavigableSet.html#tailSet(E))([E](http://docs.google.com/java/util/NavigableSet.html) fromElement)            Returns a view of the portion of this set whose elements are greater than or equal to fromElement. |
| [SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/SortedSet.html)> | **SortedSet.**[**tailSet**](http://docs.google.com/java/util/SortedSet.html#tailSet(E))([E](http://docs.google.com/java/util/SortedSet.html) fromElement)            Returns a view of the portion of this set whose elements are greater than or equal to fromElement. |
| static   | <T> [SortedSet](http://docs.google.com/java/util/SortedSet.html)<T> | | --- | | **Collections.**[**unmodifiableSortedSet**](http://docs.google.com/java/util/Collections.html#unmodifiableSortedSet(java.util.SortedSet))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<T> s)            Returns an unmodifiable view of the specified sorted set. |

| Methods in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [SortedSet](http://docs.google.com/java/util/SortedSet.html) | |
| --- | --- |
| static   | <E> [SortedSet](http://docs.google.com/java/util/SortedSet.html)<E> | | --- | | **Collections.**[**checkedSortedSet**](http://docs.google.com/java/util/Collections.html#checkedSortedSet(java.util.SortedSet,%20java.lang.Class))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<E> s, [Class](http://docs.google.com/java/lang/Class.html)<E> type)            Returns a dynamically typesafe view of the specified sorted set. |
| static   | <T> [SortedSet](http://docs.google.com/java/util/SortedSet.html)<T> | | --- | | **Collections.**[**synchronizedSortedSet**](http://docs.google.com/java/util/Collections.html#synchronizedSortedSet(java.util.SortedSet))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<T> s)            Returns a synchronized (thread-safe) sorted set backed by the specified sorted set. |
| static   | <T> [SortedSet](http://docs.google.com/java/util/SortedSet.html)<T> | | --- | | **Collections.**[**unmodifiableSortedSet**](http://docs.google.com/java/util/Collections.html#unmodifiableSortedSet(java.util.SortedSet))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<T> s)            Returns an unmodifiable view of the specified sorted set. |

| Constructors in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [SortedSet](http://docs.google.com/java/util/SortedSet.html) | |
| --- | --- |
| [**PriorityQueue**](http://docs.google.com/java/util/PriorityQueue.html#PriorityQueue(java.util.SortedSet))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<? extends [E](http://docs.google.com/java/util/PriorityQueue.html)> c)            Creates a PriorityQueue containing the elements in the specified sorted set. |
| [**TreeSet**](http://docs.google.com/java/util/TreeSet.html#TreeSet(java.util.SortedSet))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/TreeSet.html)> s)            Constructs a new tree set containing the same elements and using the same ordering as the specified sorted set. |

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

| Classes in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) that implement [SortedSet](http://docs.google.com/java/util/SortedSet.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). |

| Constructors in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) with parameters of type [SortedSet](http://docs.google.com/java/util/SortedSet.html) | |
| --- | --- |
| [**ConcurrentSkipListSet**](http://docs.google.com/java/util/concurrent/ConcurrentSkipListSet.html#ConcurrentSkipListSet(java.util.SortedSet))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<[E](http://docs.google.com/java/util/concurrent/ConcurrentSkipListSet.html)> s)            Constructs a new set containing the same elements and using the same ordering as the specified sorted set. |

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

[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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