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

**Uses of Interface**

**java.lang.Iterable**

| Packages that use [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| [**java.beans.beancontext**](#3znysh7) | Provides classes and interfaces relating to bean context. |
| [**java.sql**](#2et92p0) | Provides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language. |
| [**java.util**](#tyjcwt) | 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**](#3dy6vkm) | Utility classes commonly useful in concurrent programming. |
| [**javax.annotation.processing**](#1t3h5sf) | Facilities for declaring annotation processors and for allowing annotation processors to communicate with an annotation processing tool environment. |
| [**javax.lang.model.util**](#4d34og8) | Utilities to assist in the processing of [program elements](http://docs.google.com/javax/lang/model/element/package-summary.html) and [types](http://docs.google.com/javax/lang/model/type/package-summary.html). |
| [**javax.management**](#2s8eyo1) | Provides the core classes for the Java Management Extensions. |
| [**javax.management.relation**](#17dp8vu) | Provides the definition of the Relation Service. |
| [**javax.print.attribute.standard**](#3rdcrjn) | Package javax.print.attribute.standard contains classes for specific printing attributes. |
| [**javax.sql.rowset**](#26in1rg) | Standard interfaces and base classes for JDBC RowSet implementations. |
| [**javax.sql.rowset.serial**](#lnxbz9) | Provides utility classes to allow serializable mappings between SQL types and data types in the Java programming language. |
| [**javax.sql.rowset.spi**](#35nkun2) | The standard classes and interfaces that a third party vendor has to use in its implementation of a synchronization provider. |
| [**javax.swing**](#1ksv4uv) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.tools**](#44sinio) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) | |
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| Subinterfaces of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) | |
| --- | --- |
| interface | [**BeanContext**](http://docs.google.com/java/beans/beancontext/BeanContext.html)             The BeanContext acts a logical hierarchical container for JavaBeans. |
| interface | [**BeanContextServices**](http://docs.google.com/java/beans/beancontext/BeanContextServices.html)             The BeanContextServices interface provides a mechanism for a BeanContext to expose generic "services" to the BeanContextChild objects within. |

| Classes in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| class | [**BeanContextServicesSupport**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html)             This helper class provides a utility implementation of the java.beans.beancontext.BeanContextServices interface. |
| class | [**BeanContextSupport**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html)            This helper class provides a utility implementation of the java.beans.beancontext.BeanContext interface. |

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

| Classes in [java.sql](http://docs.google.com/java/sql/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| class | [**BatchUpdateException**](http://docs.google.com/java/sql/BatchUpdateException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when an error occurs during a batch update operation. |
| class | [**DataTruncation**](http://docs.google.com/java/sql/DataTruncation.html)            An exception thrown as a DataTruncation exception (on writes) or reported as a DataTruncation warning (on reads) when a data values is unexpectedly truncated for reasons other than its having execeeded MaxFieldSize. |
| class | [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) is thrown when one or more client info properties could not be set on a Connection. |
| class | [**SQLDataException**](http://docs.google.com/java/sql/SQLDataException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when the SQLState class value is '*22*'. |
| class | [**SQLException**](http://docs.google.com/java/sql/SQLException.html)            An exception that provides information on a database access error or other errors. |
| class | [**SQLFeatureNotSupportedException**](http://docs.google.com/java/sql/SQLFeatureNotSupportedException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when the SQLState class value is '*0A*' ( the value is 'zero' A). |
| class | [**SQLIntegrityConstraintViolationException**](http://docs.google.com/java/sql/SQLIntegrityConstraintViolationException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when the SQLState class value is '*23*'. |
| class | [**SQLInvalidAuthorizationSpecException**](http://docs.google.com/java/sql/SQLInvalidAuthorizationSpecException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when the SQLState class value is '*28*'. |
| class | [**SQLNonTransientConnectionException**](http://docs.google.com/java/sql/SQLNonTransientConnectionException.html)             The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown for the SQLState class value '*08*', representing that the connection operation that failed will not succeed when the operation is retried without the cause of the failure being corrected. |
| class | [**SQLNonTransientException**](http://docs.google.com/java/sql/SQLNonTransientException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when an instance where a retry of the same operation would fail unless the cause of the SQLException is corrected. |
| class | [**SQLRecoverableException**](http://docs.google.com/java/sql/SQLRecoverableException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown in situations where a previously failed operation might be able to succeed if the application performs some recovery steps and retries the entire transaction or in the case of a distributed transaction, the transaction branch. |
| class | [**SQLSyntaxErrorException**](http://docs.google.com/java/sql/SQLSyntaxErrorException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when the SQLState class value is '*42*'. |
| class | [**SQLTimeoutException**](http://docs.google.com/java/sql/SQLTimeoutException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when the timeout specified by Statement has expired. |
| class | [**SQLTransactionRollbackException**](http://docs.google.com/java/sql/SQLTransactionRollbackException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when the SQLState class value is '*40*'. |
| class | [**SQLTransientConnectionException**](http://docs.google.com/java/sql/SQLTransientConnectionException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) for the SQLState class value '*08*', representing that the connection operation that failed might be able to succeed when the operation is retried without any application-level changes. |
| class | [**SQLTransientException**](http://docs.google.com/java/sql/SQLTransientException.html)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) is thrown in situations where a previoulsy failed operation might be able to succeed when the operation is retried without any intervention by application-level functionality. |
| class | [**SQLWarning**](http://docs.google.com/java/sql/SQLWarning.html)            An exception that provides information on database access warnings. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
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| Subinterfaces of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |
| interface | [**Collection<E>**](http://docs.google.com/java/util/Collection.html)            The root interface in the *collection hierarchy*. |
| interface | [**Deque<E>**](http://docs.google.com/java/util/Deque.html)            A linear collection that supports element insertion and removal at both ends. |
| interface | [**List<E>**](http://docs.google.com/java/util/List.html)            An ordered collection (also known as a *sequence*). |
| 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. |
| interface | [**Queue<E>**](http://docs.google.com/java/util/Queue.html)            A collection designed for holding elements prior to processing. |
| interface | [**Set<E>**](http://docs.google.com/java/util/Set.html)            A collection that contains no duplicate elements. |
| interface | [**SortedSet<E>**](http://docs.google.com/java/util/SortedSet.html)            A [Set](http://docs.google.com/java/util/Set.html) that further provides a *total ordering* on its elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| class | [**AbstractCollection<E>**](http://docs.google.com/java/util/AbstractCollection.html)            This class provides a skeletal implementation of the Collection interface, to minimize the effort required to implement this interface. |
| class | [**AbstractList<E>**](http://docs.google.com/java/util/AbstractList.html)            This class provides a skeletal implementation of the [List](http://docs.google.com/java/util/List.html) interface to minimize the effort required to implement this interface backed by a "random access" data store (such as an array). |
| class | [**AbstractQueue<E>**](http://docs.google.com/java/util/AbstractQueue.html)            This class provides skeletal implementations of some [Queue](http://docs.google.com/java/util/Queue.html) operations. |
| class | [**AbstractSequentialList<E>**](http://docs.google.com/java/util/AbstractSequentialList.html)            This class provides a skeletal implementation of the List interface to minimize the effort required to implement this interface backed by a "sequential access" data store (such as a linked list). |
| class | [**AbstractSet<E>**](http://docs.google.com/java/util/AbstractSet.html)            This class provides a skeletal implementation of the Set interface to minimize the effort required to implement this interface. |
| class | [**ArrayDeque<E>**](http://docs.google.com/java/util/ArrayDeque.html)            Resizable-array implementation of the [Deque](http://docs.google.com/java/util/Deque.html) interface. |
| class | [**ArrayList<E>**](http://docs.google.com/java/util/ArrayList.html)            Resizable-array implementation of the List interface. |
| 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 | [**LinkedList<E>**](http://docs.google.com/java/util/LinkedList.html)            Linked list implementation of the List interface. |
| class | [**PriorityQueue<E>**](http://docs.google.com/java/util/PriorityQueue.html)            An unbounded priority [queue](http://docs.google.com/java/util/Queue.html) based on a priority heap. |
| class | [**ServiceLoader<S>**](http://docs.google.com/java/util/ServiceLoader.html)            A simple service-provider loading facility. |
| class | [**Stack<E>**](http://docs.google.com/java/util/Stack.html)            The Stack class represents a last-in-first-out (LIFO) stack of objects. |
| 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). |
| class | [**Vector<E>**](http://docs.google.com/java/util/Vector.html)            The Vector class implements a growable array of objects. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) | |
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| Subinterfaces of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) | |
| --- | --- |
| interface | [**BlockingDeque<E>**](http://docs.google.com/java/util/concurrent/BlockingDeque.html)            A [Deque](http://docs.google.com/java/util/Deque.html) that additionally supports blocking operations that wait for the deque to become non-empty when retrieving an element, and wait for space to become available in the deque when storing an element. |
| interface | [**BlockingQueue<E>**](http://docs.google.com/java/util/concurrent/BlockingQueue.html)            A [Queue](http://docs.google.com/java/util/Queue.html) that additionally supports operations that wait for the queue to become non-empty when retrieving an element, and wait for space to become available in the queue when storing an element. |

| Classes in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| class | [**ArrayBlockingQueue<E>**](http://docs.google.com/java/util/concurrent/ArrayBlockingQueue.html)            A bounded [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) backed by an array. |
| class | [**ConcurrentLinkedQueue<E>**](http://docs.google.com/java/util/concurrent/ConcurrentLinkedQueue.html)            An unbounded thread-safe [queue](http://docs.google.com/java/util/Queue.html) based on linked nodes. |
| 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 | [**CopyOnWriteArrayList<E>**](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html)            A thread-safe variant of [ArrayList](http://docs.google.com/java/util/ArrayList.html) in which all mutative operations (add, set, and so on) are implemented by making a fresh copy of the underlying array. |
| 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. |
| class | [**DelayQueue<E extends Delayed>**](http://docs.google.com/java/util/concurrent/DelayQueue.html)            An unbounded [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) of Delayed elements, in which an element can only be taken when its delay has expired. |
| class | [**LinkedBlockingDeque<E>**](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html)            An optionally-bounded [blocking deque](http://docs.google.com/java/util/concurrent/BlockingDeque.html) based on linked nodes. |
| class | [**LinkedBlockingQueue<E>**](http://docs.google.com/java/util/concurrent/LinkedBlockingQueue.html)            An optionally-bounded [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) based on linked nodes. |
| class | [**PriorityBlockingQueue<E>**](http://docs.google.com/java/util/concurrent/PriorityBlockingQueue.html)            An unbounded [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) that uses the same ordering rules as class [PriorityQueue](http://docs.google.com/java/util/PriorityQueue.html) and supplies blocking retrieval operations. |
| class | [**SynchronousQueue<E>**](http://docs.google.com/java/util/concurrent/SynchronousQueue.html)            A [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) in which each insert operation must wait for a corresponding remove operation by another thread, and vice versa. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) | |
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| Methods in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) that return [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Completion](http://docs.google.com/javax/annotation/processing/Completion.html)> | **AbstractProcessor.**[**getCompletions**](http://docs.google.com/javax/annotation/processing/AbstractProcessor.html#getCompletions(javax.lang.model.element.Element,%20javax.lang.model.element.AnnotationMirror,%20javax.lang.model.element.ExecutableElement,%20java.lang.String))([Element](http://docs.google.com/javax/lang/model/element/Element.html) element, [AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) annotation, [ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) member, [String](http://docs.google.com/java/lang/String.html) userText)            Returns an empty iterable of completions. |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Completion](http://docs.google.com/javax/annotation/processing/Completion.html)> | **Processor.**[**getCompletions**](http://docs.google.com/javax/annotation/processing/Processor.html#getCompletions(javax.lang.model.element.Element,%20javax.lang.model.element.AnnotationMirror,%20javax.lang.model.element.ExecutableElement,%20java.lang.String))([Element](http://docs.google.com/javax/lang/model/element/Element.html) element, [AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) annotation, [ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) member, [String](http://docs.google.com/java/lang/String.html) userText)            Returns to the tool infrastructure an iterable of suggested completions to an annotation. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) | |
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| Methods in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) with parameters of type [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| static [List](http://docs.google.com/java/util/List.html)<[ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html)> | **ElementFilter.**[**constructorsIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#constructorsIn(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> elements)            Returns a list of constructors in elements. |
| static [List](http://docs.google.com/java/util/List.html)<[VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html)> | **ElementFilter.**[**fieldsIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#fieldsIn(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> elements)            Returns a list of fields in elements. |
| static [List](http://docs.google.com/java/util/List.html)<[ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html)> | **ElementFilter.**[**methodsIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#methodsIn(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> elements)            Returns a list of methods in elements. |
| static [List](http://docs.google.com/java/util/List.html)<[PackageElement](http://docs.google.com/javax/lang/model/element/PackageElement.html)> | **ElementFilter.**[**packagesIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#packagesIn(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> elements)            Returns a list of packages in elements. |
| [R](http://docs.google.com/javax/lang/model/util/ElementScanner6.html) | **ElementScanner6.**[**scan**](http://docs.google.com/javax/lang/model/util/ElementScanner6.html#scan(java.lang.Iterable,%20P))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> iterable, [P](http://docs.google.com/javax/lang/model/util/ElementScanner6.html) p)            Iterates over the given elements and calls [scan(Element, P)](http://docs.google.com/javax/lang/model/util/ElementScanner6.html#scan(javax.lang.model.element.Element,%20P)) on each one. |
| static [List](http://docs.google.com/java/util/List.html)<[TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html)> | **ElementFilter.**[**typesIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#typesIn(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> elements)            Returns a list of types in elements. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [javax.management](http://docs.google.com/javax/management/package-summary.html) | |
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| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| class | [**AttributeList**](http://docs.google.com/javax/management/AttributeList.html)            Represents a list of values for attributes of an MBean. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html) | |
| --- | --- |

| Classes in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| class | [**RoleList**](http://docs.google.com/javax/management/relation/RoleList.html)            A RoleList represents a list of roles (Role objects). |
| class | [**RoleUnresolvedList**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html)            A RoleUnresolvedList represents a list of RoleUnresolved objects, representing roles not retrieved from a relation due to a problem encountered when trying to access (read or write) the roles. |

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

| Classes in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.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. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) | |
| --- | --- |

| Classes in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| class | [**RowSetWarning**](http://docs.google.com/javax/sql/rowset/RowSetWarning.html)            An extension of SQLException that provides information about database warnings set on RowSet objects. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) | |
| --- | --- |

| Classes in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| class | [**SerialException**](http://docs.google.com/javax/sql/rowset/serial/SerialException.html)            Indicates and an error with the serialization or de-serialization of SQL types such as BLOB, CLOB, STRUCT or ARRAY in addition to SQL types such as DATALINK and JAVAOBJECT |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [javax.sql.rowset.spi](http://docs.google.com/javax/sql/rowset/spi/package-summary.html) | |
| --- | --- |

| Classes in [javax.sql.rowset.spi](http://docs.google.com/javax/sql/rowset/spi/package-summary.html) that implement [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| class | [**SyncFactoryException**](http://docs.google.com/javax/sql/rowset/spi/SyncFactoryException.html)            Indicates an error with SyncFactory mechanism. |
| class | [**SyncProviderException**](http://docs.google.com/javax/sql/rowset/spi/SyncProviderException.html)            Indicates an error with the SyncProvider mechanism. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| static   | <M,I> [RowFilter](http://docs.google.com/javax/swing/RowFilter.html)<M,I> | | --- | | **RowFilter.**[**andFilter**](http://docs.google.com/javax/swing/RowFilter.html#andFilter(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [RowFilter](http://docs.google.com/javax/swing/RowFilter.html)<? super M,? super I>> filters)            Returns a RowFilter that includes entries if all of the supplied filters include the entry. |
| static   | <M,I> [RowFilter](http://docs.google.com/javax/swing/RowFilter.html)<M,I> | | --- | | **RowFilter.**[**orFilter**](http://docs.google.com/javax/swing/RowFilter.html#orFilter(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [RowFilter](http://docs.google.com/javax/swing/RowFilter.html)<? super M,? super I>> filters)            Returns a RowFilter that includes entries if any of the supplied filters includes the entry. |

| Uses of [Iterable](http://docs.google.com/java/lang/Iterable.html) in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
| --- | --- |

| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) that return [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **StandardJavaFileManager.**[**getJavaFileObjects**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getJavaFileObjects(java.io.File...))([File](http://docs.google.com/java/io/File.html)... files)            Gets file objects representing the given files. |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **StandardJavaFileManager.**[**getJavaFileObjects**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getJavaFileObjects(java.lang.String...))([String](http://docs.google.com/java/lang/String.html)... names)            Gets file objects representing the given file names. |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **StandardJavaFileManager.**[**getJavaFileObjectsFromFiles**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getJavaFileObjectsFromFiles(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [File](http://docs.google.com/java/io/File.html)> files)            Gets file objects representing the given files. |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **StandardJavaFileManager.**[**getJavaFileObjectsFromStrings**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getJavaFileObjectsFromStrings(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<[String](http://docs.google.com/java/lang/String.html)> names)            Gets file objects representing the given file names. |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [File](http://docs.google.com/java/io/File.html)> | **StandardJavaFileManager.**[**getLocation**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getLocation(javax.tools.JavaFileManager.Location))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location)            Gets the path associated with the given location. |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<[JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **ForwardingJavaFileManager.**[**list**](http://docs.google.com/javax/tools/ForwardingJavaFileManager.html#list(javax.tools.JavaFileManager.Location,%20java.lang.String,%20java.util.Set,%20boolean))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) packageName, [Set](http://docs.google.com/java/util/Set.html)<[JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html)> kinds, boolean recurse) |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<[JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **JavaFileManager.**[**list**](http://docs.google.com/javax/tools/JavaFileManager.html#list(javax.tools.JavaFileManager.Location,%20java.lang.String,%20java.util.Set,%20boolean))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) packageName, [Set](http://docs.google.com/java/util/Set.html)<[JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html)> kinds, boolean recurse)            Lists all file objects matching the given criteria in the given location. |

| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) with parameters of type [Iterable](http://docs.google.com/java/lang/Iterable.html) | |
| --- | --- |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **StandardJavaFileManager.**[**getJavaFileObjectsFromFiles**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getJavaFileObjectsFromFiles(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [File](http://docs.google.com/java/io/File.html)> files)            Gets file objects representing the given files. |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **StandardJavaFileManager.**[**getJavaFileObjectsFromStrings**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getJavaFileObjectsFromStrings(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<[String](http://docs.google.com/java/lang/String.html)> names)            Gets file objects representing the given file names. |
| [JavaCompiler.CompilationTask](http://docs.google.com/javax/tools/JavaCompiler.CompilationTask.html) | **JavaCompiler.**[**getTask**](http://docs.google.com/javax/tools/JavaCompiler.html#getTask(java.io.Writer,%20javax.tools.JavaFileManager,%20javax.tools.DiagnosticListener,%20java.lang.Iterable,%20java.lang.Iterable,%20java.lang.Iterable))([Writer](http://docs.google.com/java/io/Writer.html) out, [JavaFileManager](http://docs.google.com/javax/tools/JavaFileManager.html) fileManager, [DiagnosticListener](http://docs.google.com/javax/tools/DiagnosticListener.html)<? super [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> diagnosticListener, [Iterable](http://docs.google.com/java/lang/Iterable.html)<[String](http://docs.google.com/java/lang/String.html)> options, [Iterable](http://docs.google.com/java/lang/Iterable.html)<[String](http://docs.google.com/java/lang/String.html)> classes, [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> compilationUnits)            Creates a future for a compilation task with the given components and arguments. |
| [JavaCompiler.CompilationTask](http://docs.google.com/javax/tools/JavaCompiler.CompilationTask.html) | **JavaCompiler.**[**getTask**](http://docs.google.com/javax/tools/JavaCompiler.html#getTask(java.io.Writer,%20javax.tools.JavaFileManager,%20javax.tools.DiagnosticListener,%20java.lang.Iterable,%20java.lang.Iterable,%20java.lang.Iterable))([Writer](http://docs.google.com/java/io/Writer.html) out, [JavaFileManager](http://docs.google.com/javax/tools/JavaFileManager.html) fileManager, [DiagnosticListener](http://docs.google.com/javax/tools/DiagnosticListener.html)<? super [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> diagnosticListener, [Iterable](http://docs.google.com/java/lang/Iterable.html)<[String](http://docs.google.com/java/lang/String.html)> options, [Iterable](http://docs.google.com/java/lang/Iterable.html)<[String](http://docs.google.com/java/lang/String.html)> classes, [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> compilationUnits)            Creates a future for a compilation task with the given components and arguments. |
| [JavaCompiler.CompilationTask](http://docs.google.com/javax/tools/JavaCompiler.CompilationTask.html) | **JavaCompiler.**[**getTask**](http://docs.google.com/javax/tools/JavaCompiler.html#getTask(java.io.Writer,%20javax.tools.JavaFileManager,%20javax.tools.DiagnosticListener,%20java.lang.Iterable,%20java.lang.Iterable,%20java.lang.Iterable))([Writer](http://docs.google.com/java/io/Writer.html) out, [JavaFileManager](http://docs.google.com/javax/tools/JavaFileManager.html) fileManager, [DiagnosticListener](http://docs.google.com/javax/tools/DiagnosticListener.html)<? super [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> diagnosticListener, [Iterable](http://docs.google.com/java/lang/Iterable.html)<[String](http://docs.google.com/java/lang/String.html)> options, [Iterable](http://docs.google.com/java/lang/Iterable.html)<[String](http://docs.google.com/java/lang/String.html)> classes, [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> compilationUnits)            Creates a future for a compilation task with the given components and arguments. |
| void | **StandardJavaFileManager.**[**setLocation**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#setLocation(javax.tools.JavaFileManager.Location,%20java.lang.Iterable))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [File](http://docs.google.com/java/io/File.html)> path)            Associates the given path with the given location. |
| void | **JavaCompiler.CompilationTask.**[**setProcessors**](http://docs.google.com/javax/tools/JavaCompiler.CompilationTask.html#setProcessors(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Processor](http://docs.google.com/javax/annotation/processing/Processor.html)> processors)            Sets processors (for annotation processing). |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/lang/Iterable.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/lang//class-useIterable.html)    [**NO FRAMES**](http://docs.google.com/Iterable.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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