**Word glossary**

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| **Word** | **Translation** | **English definition** | **Context** |
| reclaim (*v*), p. 447 | atsiimti | Retrieve or recover (something previously lost or given). | Weakly referenced objects can’t be ***reclaimed*** after garbage collection. |
| null (*n*), p. 447 | tuštuma, nulis | Having no elements. | The variable is initialized as ***null***. |
| discretion (*n*), p. 448 | nuožiūra | The quality of behaving or speaking in such a way as to avoid causing trouble or revealing confidential information. | The space is reclaimed at the garbage collector’s ***discretion***. |
| memory leak (*n*), p. 448 | atminties nutekėjimas | A failure in a program to release discarded memory. | Poor reference management can cause a ***memory leak***. |
| orphan (*v*), p. 449 | padaryti našlaičiu | In computer science, this refers to discarding a child process’ or object’s parents. | You won’t notice when an orphaned object’s space is reclaimed. |
| thread (*n*), p. 450 | gija | A programming structure or process formed by linking a number of separate elements or subroutines. | The method finalize() works in a separate ***thread*** asynchronously. |
| invocation (*n*), p. 451 | iškvietimas | Cause (a procedure) to be carried out. | The element that a subsequent ***invocation*** of next() will return. |
| progeny (*n*), p. 452 | palikuonis | A descendant or the descendants of a process. | Ensuring the survival, if not of itself, at least of its ***progeny***. |
| defer (*v*), p. 455 | atidėlioti | Put off (an action or event) to a later time; postpone. | We also ***defer*** talking about implementing your own collection types. |
| overhead (*n*), p. 457 | valdymo išlaidos | (Of a cost or expense) incurred in the upkeep or running something. | This would induce a lot of ***overhead*** as you reload images. |
| query (*v*), p. 460 | užklausa | Ask a question about something; request data from a database. | The method allows a thread to ***query*** the existence of a reference in a queue. |
| elide (*v*), p. 461 | nutylėti, praleisti | Omit (a sound, syllable or information). | For simplicity this is ***elided***. |
| semantics (*n*), p. 464 | semantika | The branch of linguistics and logic concerned with meaning. | The ***semantics*** for the resource manager necessarily depend on the kind of resource and its usage patterns. |
| immutable (*adj*), p. 567 | nekintamas, nekeičiamas | Unchanging over time or unable to be changed. | You cannot change ***immutable*** data types. |
| framework (*n*), p. 569 | karkasas | A basic structure underlying a system, concept, or text. | This is considered part of the collection ***framework*** because standard iterable types are collections. |
| iterator (*n*), p. 571 | iteratorius (ciklo organizavimo įtaisas arba procedūra) | In computer programming, an iterator is an object that enables a programmer to traverse a container, particularly lists. | Various types of ***iterators*** are often provided via a container's interface. |
| snapshot (*n*), p. 573 | išsaugoti duomenys | A record of the contents of a storage location or data file at a given time. | A ***snapshot*** would return elements as they were. |
| wrapper (*n*), p. 574 | apgaubėjas | In computer science, a wrapper is any entity that encapsulates another item. | ***Wrappers*** are used for two primary purposes: to convert data to a compatible format or to hide the complexity of the underlying entity using abstraction. |
| wildcard (*n*), p. 577 | pakaitos ženklas | A character that will match any character or sequence of characters in a search. | Note the use of the lower bounded ***wildcard*** in the return type. |
| notion (*n*), p. 578 | supratimas, nuomonė | A conception of or belief about something. | The ***notion*** of being backed by a collection is important in many methods. |
| package (*n*), p. 578 | paketas | A collection of programs or subroutines with related functionality. | The java.util ***package*** gives you two general-purpose Set implementations. |
| hash (*n*), p. 579 | maišos (funkcija, lentelė) | A function that converts one value to another. | To distribute the ***hash*** codes widely across the full range of int values. |
| constructor (*n*), p. 580 | konstruktorius | A subroutine designed to create an object in a particular class. | LinkedHashSet behaves the same as HashSet and defines ***constructors*** with the same form |
| impose (*v*), p. 580 | paskirti | Put a restriction in place. | Is sorted according to the order ***imposed*** by a variable. |
| allocate (*v*), p. 582 | paskirstyti, rezervuoti | Distribute resources for a particular purpose. | The number of elements it can hold without ***allocating*** new memory. |
| method (*n*), p. 583 | metodas, funkcija | A method in object-oriented programming is a procedure associated with an object. | Provides ***methods*** that are useful and efficient. |
| sentinel (*adj*), p. 586 | (komp.) specialus, signalinis;  sargybinis, saugotojas | In computer programming, a sentinel value (also referred to as a flag value, signal value, or dummy data) is a special value in the context of an algorithm which uses its presence as a condition of termination. | null is used as a ***sentinel*** value for poll and peek to indicate an empty queue. |
| map (*v*), p. 587 | susieti | Associate each element of (a set) with an element of another set. | A given key ***maps*** to one value or no values. |
| cache (*n*), p. 592 | (komp.) spartinančioji atmintinė | An auxiliary memory from which high-speed retrieval is possible. | Suitable for implementing a Least Recently Used (LRU) ***cache***. |
| throw (*v*), p. 593 | (komp.) mesti, perduoti | In computer programming, a transfer of control when an exception occurs. | An iterator for one of the set views can ***throw*** an exception after hasNext returns true. |
| delegate (*v*), p. 593 | įgalioti, perduoti teisę | To give a particular job, duty, etc. to someone or something else so that they do it for you. | Don’t try to extend AbstractMap, ***delegate*** to a HashMap instead. |
| enum (*n*), p. 594 | enumeratorius, atpažinimo reikšmė | In computer programming, an enumerated type is a data type consisting of a set of named values called elements, members, or enumerators of the type. The enumerator names are usually identifiers that behave as constants. | This represents a set of elements that are ***enum*** constants from a specific ***enum*** type. |
| class (*n*), p. 597 | klasė | In object-oriented programming, a class is an extensible program-code-template for creating objects, providing initial values for state and implementations of behavior. | The Collections ***class*** defines a range of static utility methods. |
| concurrent (*adj*), p. 597 | vykstantis vienu metu | Existing, happening, or done at the same time. | Synchronized wrappers are discussed lather with the ***concurrent*** collections. |
| declaration (*n*), p. 597 | paskelbimas, pareiškimas | A formal or explicit statement or announcement. | The ***declaration*** of the type variables for these methods seem complicated. |
| redundant (*adj*), p. 597 | perteklinis, nereikalingas | Not or no longer needed or useful; superfluous. | The inclusion of “extends Object” might seem ***redundant***. |
| traverse (*v*), p. 597 | (komp.) iteruoti, pereiti per elementus;  kirsti, išvaikščioti | Access each and every element present in a data structure. | ***Traversing*** this data structure is a cheap operation. |
| head (*n*), p. 598 | (komp.) aukščiausias elementas;  viršus | The front or top part of something. | Move elements toward the ***head*** of the list. |
| singleton (*n*), p. 600 | vienetinis, vienintelis | A set which contains exactly one element. | There are also methods to create ***singleton*** collections. |
| legacy (*adj*), p. 601 | palikimas | Denoting or relating to software or hardware that has been superseded but is difficult to replace because of its wide use. | There are also ***legacy*** static final fields. |
| arbitrary (*adj*), p. 601 | nežinomas, neaiškus | Of unspecified value. | The original collection has undergone ***arbitrary*** changes. |
| erroneously (*adv*), p. 602 | klaidingai | In a mistaken way; incorrectly. | A legacy method that ***erroneously*** inserts a number. |
| preclude (*v*), p. 602 | užkirsti kelią | Prevent from happening; make impossible. | To ensure that concurrent access is ***precluded***. |
| atomic (*adj*), p. 605 | (komp.) vienintelis, vienetinis | In computer programming, an operation done by a computer is considered atomic if it is guaranteed to be isolated from other operations that may be happening at the same time. | ***Atomic*** operations are critically important when dealing with shared resources. |
| throughput (*n*), p. 605 | pralaidumas, našumas | The amount of material or items passing through a system or process. | A linked queue implementation will provide greater ***throughput*** than an array. |
| retrieval (*n*), p. 606 | paėmimas, gavimas | The action of obtaining or consulting material stored in a computer system. | That allows for fully concurrent ***retrievals*** and up to a set of concurrent insertions. |
| seldom (*adv*), p. 607 | retai | Not often; rarely. | Changing the queue is ***seldom***, if ever, useful. |
| overload (*n*), p. 607 | (komp.) daugiareikšmiškumas | A set of processes in computer programming by which one special word or symbol may be given multiple meanings. | These methods have a full complement of ***overloads***. |
| recursive (*adj*), p. 608 | pasikartojantis, rekursyvus | Characterized by recurrence or repetition. | Checks for equivalence of two objects ***recursively***. |
| nested (*adj*), p. 608 | turintis viduje | In computing science, nesting is where information is organized in layers, or where objects contain other similar objects. It almost always refers to self-similar or recursive structures. | Taking into account the contents of ***nested*** arrays. |
| skeletal (*adj*), p. 611 | neužbaigtas, nepilnas | Existing only in outline or as a framework of something. | You will find ***skeletal*** implementations in the abstract class. |
| conform (*v*), p. 612 | prisitaikyti | Comply with rules, standards, or laws. | A subclass must ***conform*** to the contract of the Set interface. |
| constituent (*adj*), p. 613 | sudėtinė dalis | Being a part of a whole. | All the ***constituent*** arrays are remembered internally in the arrays field. |
| sequential (*adj*), p. 614 | esantis sekoje, nuoseklus | Performed or used in a logical order. | An iterator accesses the data ***sequentially***. |
| judicious (*adj*), p. 615 | logiškas, gerai apgalvotas | Having, showing, or done with good judgement or sense. | You can make a collection much faster by ***judicious*** overriding of other methods. |
| supersede (*v*), p. 616 | pakeisti, išstumti | Take the place of (a person or thing previously in authority or use). | Most are ***superseded*** by new collection types. |
| deprecated (*adj*), p. 616 | nebenaudojamas, pasenęs | In computer programming, a deprecated entity is one that is tolerated or supported but not recommended. | They are not ***deprecated*** because they are in widespread use. |
| buffer (*n*), p. 618 | tai, kas sušvelnina pokyčius;  buferis | A temporary memory area in which data is stored while it is being processed or transferred. | The ***buffer*** where elements are stored. |
| presume (*v*), p. 621 | daryti prielaidą, numanyti | Suppose that something is the case based on probability. | The list is ***presumed*** to have been created previously. |
| debugging (*n*), p. 621 | aparatūros derinimas | The process of identifying and removing errors from computer hardware or software. | This method is useful for ***debugging***. |
| pseudorandom (*adj*), p. 623 | dalinai atsitiktinis (tam tikromis sąlygomis galima laikyti atsitiktiniu) | Satisfying statistical tests for randomness but produced by a definite mathematical procedure. | A class to generate ***pseudorandom*** numbers. |
| implicitly (*adv*), p. 624 | netiesiogiai | In a way that is not directly expressed. | This is often done ***implicitly***, either though use of string or overloads. |
| floating-point (*n*), p. 624 | slankiojo kablelio | A mode of representing numbers as two sequences of bits, one representing the digits in the number and the other an exponent which determines the position of the radix point. | The argument is expected to be a ***floating-point*** number. |
| notation (*n*), p. 625 | žymėjimo sistema | A series or system of written symbols used to represent numbers. | That produces output in scientific notation. |
| justify (*v*), p. 625 | išrakinti eilutes | Adjust text so that it forms a straight edge at the page margin. | You can also ***justify*** the output with other methods. |
| incur (*v*), p. 626 | patirti, kentėti | Become subject to (something unwelcome or unpleasant) as a result of one's own behavior or actions. | The strings would have ***incurred*** overhead to create and to garbage collect. |
| truncate (*v*), p. 626 | nukirsti, sutrumpinti | Shorten (something) by cutting off the top or the end. | The string is ***truncated*** to the specific length. |
| surrogate (*adj*), p. 627 | pakaitalas, pavaduotojas | A substitute. | Returns the number of code points, taking into account ***surrogate*** pairs. |
| poll (*v*), p. 630 | (aktyvumo) tikrinimas | Check the status of (a device), especially as part of a repeated cycle. | The network manager can also ***poll*** different websites. |
| scope (*n*), p. 631 | apimtis, sritis | The extent of the area or subject matter that something deals with. | However, that is beyond the ***scope*** of this book. |