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[Skip navigation links](#1fob9te)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* [Class](http://docs.google.com/org/apache/commons/collections4/Trie.html)
* Use
* [Tree](http://docs.google.com/overview-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* Prev
* Next
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/class-use/Trie.html)
* [No Frames](http://docs.google.com/Trie.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)

Uses of Interface

org.apache.commons.collections4.Trie

* Packages that use [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)

|  |  |
| --- | --- |
| * Package | * Description |
| * [org.apache.commons.collections4](#3znysh7) | * This package contains the interfaces and utilities shared across all the subpackages of this component. |
| * [org.apache.commons.collections4.trie](#2et92p0) | * This package contains implementations of the [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html) interface. |

### Uses of [**Trie**](http://docs.google.com/org/apache/commons/collections4/Trie.html) in [**org.apache.commons.collections4**](http://docs.google.com/org/apache/commons/collections4/package-summary.html)Methods in [org.apache.commons.collections4](http://docs.google.com/org/apache/commons/collections4/package-summary.html) that return [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <K,V> [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V> | * + TrieUtils.[unmodifiableTrie](http://docs.google.com/org/apache/commons/collections4/TrieUtils.html#unmodifiableTrie-org.apache.commons.collections4.Trie-)([Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,? extends V> trie) Returns an unmodifiable instance of a [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html) |

* + Methods in [org.apache.commons.collections4](http://docs.google.com/org/apache/commons/collections4/package-summary.html) with parameters of type [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <K,V> [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V> | * + TrieUtils.[unmodifiableTrie](http://docs.google.com/org/apache/commons/collections4/TrieUtils.html#unmodifiableTrie-org.apache.commons.collections4.Trie-)([Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,? extends V> trie) Returns an unmodifiable instance of a [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html) |

### Uses of [**Trie**](http://docs.google.com/org/apache/commons/collections4/Trie.html) in [**org.apache.commons.collections4.trie**](http://docs.google.com/org/apache/commons/collections4/trie/package-summary.html)Classes in [org.apache.commons.collections4.trie](http://docs.google.com/org/apache/commons/collections4/trie/package-summary.html) that implement [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Class and Description |
| * + class | * + [AbstractBitwiseTrie](http://docs.google.com/org/apache/commons/collections4/trie/AbstractBitwiseTrie.html)<K,V> This class provides some basic [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html) functionality and utility methods for actual bitwise [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html) implementations. |
| * + class | * + [PatriciaTrie](http://docs.google.com/org/apache/commons/collections4/trie/PatriciaTrie.html)<E> Implementation of a PATRICIA Trie (Practical Algorithm to Retrieve Information Coded in Alphanumeric). |
| * + class | * + [UnmodifiableTrie](http://docs.google.com/org/apache/commons/collections4/trie/UnmodifiableTrie.html)<K,V> An unmodifiable [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html). |

* + Methods in [org.apache.commons.collections4.trie](http://docs.google.com/org/apache/commons/collections4/trie/package-summary.html) that return [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <K,V> [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V> | * + UnmodifiableTrie.[unmodifiableTrie](http://docs.google.com/org/apache/commons/collections4/trie/UnmodifiableTrie.html#unmodifiableTrie-org.apache.commons.collections4.Trie-)([Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,? extends V> trie) Factory method to create a unmodifiable trie. |

* + Methods in [org.apache.commons.collections4.trie](http://docs.google.com/org/apache/commons/collections4/trie/package-summary.html) with parameters of type [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <K,V> [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V> | * + UnmodifiableTrie.[unmodifiableTrie](http://docs.google.com/org/apache/commons/collections4/trie/UnmodifiableTrie.html#unmodifiableTrie-org.apache.commons.collections4.Trie-)([Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,? extends V> trie) Factory method to create a unmodifiable trie. |

* + Constructors in [org.apache.commons.collections4.trie](http://docs.google.com/org/apache/commons/collections4/trie/package-summary.html) with parameters of type [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)

|  |
| --- |
| * + Constructor and Description |
| * + [UnmodifiableTrie](http://docs.google.com/org/apache/commons/collections4/trie/UnmodifiableTrie.html#UnmodifiableTrie-org.apache.commons.collections4.Trie-)([Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<[K](http://docs.google.com/org/apache/commons/collections4/trie/UnmodifiableTrie.html),? extends [V](http://docs.google.com/org/apache/commons/collections4/trie/UnmodifiableTrie.html)> trie) Constructor that wraps (not copies). |

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* [Help](http://docs.google.com/help-doc.html)
* Prev
* Next
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/class-use/Trie.html)
* [No Frames](http://docs.google.com/Trie.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)

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