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Package org.apache.commons.collections4.trie

This package contains implementations of the [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html) interface.

See: [Description](#3znysh7)

* Class Summary

|  |  |
| --- | --- |
| * Class | * Description |
| * [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. |
| * [KeyAnalyzer](http://docs.google.com/org/apache/commons/collections4/trie/KeyAnalyzer.html)<K> | * Defines the interface to analyze [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html) keys on a bit level. |
| * [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). |
| * [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). |

## Package org.apache.commons.collections4.trie Description

This package contains implementations of the [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html) interface.

The implementations are in the form of direct implementations and decorators. A decorator wraps another implementation of the interface to add some specific additional functionality.

The following implementations are provided in the package:

* PatriciaTrie - an implementation of a PATRICIA trie

The following decorators are provided:

* Unmodifiable - ensures the collection cannot be altered

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