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org.apache.commons.collections4

## Class TrieUtils

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + org.apache.commons.collections4.TrieUtils
* public class TrieUtils  
  extends [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)  
  A collection of [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html) utilities.Since: 4.0

### Method SummaryAll Methods Static Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <K,V> [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V> | * + [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 inherited from class java.lang.[**Object**](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)[clone](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#clone--), [equals](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#equals-java.lang.Object-), [finalize](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#finalize--), [getClass](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#getClass--), [hashCode](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#hashCode--), [notify](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notify--), [notifyAll](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notifyAll--), [toString](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#toString--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-int-)

### Method Detail

#### unmodifiableTrie public static <K,V> [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V> unmodifiableTrie([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)Type Parameters: K - the key type V - the value type Parameters: trie - the trie to make unmodifiable, must not be null Returns: an unmodifiable trie backed by the given trie Throws: [NullPointerException](https://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html?is-external=true) - if trie is null See Also: [Collections.unmodifiableMap(java.util.Map)](https://docs.oracle.com/javase/7/docs/api/java/util/Collections.html?is-external=true#unmodifiableMap-java.util.Map-)

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