<http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html>

java.util

**Class Arrays**

* [java.lang.Object](http://docs.oracle.com/javase/7/docs/api/java/lang/Object.html)
  + java.util.Arrays

public class **Arrays**

extends [Object](http://docs.oracle.com/javase/7/docs/api/java/lang/Object.html)

This class contains various methods for manipulating arrays (such as sorting and searching). This class also contains a static factory that allows arrays to be viewed as lists.

The methods in this class all throw a NullPointerException, if the specified array reference is null, except where noted.

The documentation for the methods contained in this class includes briefs description of the *implementations*. Such descriptions should be regarded as *implementation notes*, rather than parts of the *specification*. Implementors should feel free to substitute other algorithms, so long as the specification itself is adhered to. (For example, the algorithm used by sort(Object[]) does not have to be a MergeSort, but it does have to be*stable*.)

This class is a member of the [Java Collections Framework](http://docs.oracle.com/javase/7/docs/technotes/guides/collections/index.html).

**Since:**

1.2

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| static [**String**](http://docs.oracle.com/javase/7/docs/api/java/lang/String.html) | [**toString**](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html#toString(boolean[]))(boolean[] a)  Returns a string representation of the contents of the specified array. |
| static [**String**](http://docs.oracle.com/javase/7/docs/api/java/lang/String.html) | [**toString**](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html#toString(byte[]))(byte[] a)  Returns a string representation of the contents of the specified array. |
| static [**String**](http://docs.oracle.com/javase/7/docs/api/java/lang/String.html) | [**toString**](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html#toString(char[]))(char[] a)  Returns a string representation of the contents of the specified array. |
| static [**String**](http://docs.oracle.com/javase/7/docs/api/java/lang/String.html) | [**toString**](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html#toString(double[]))(double[] a)  Returns a string representation of the contents of the specified array. |
| static [**String**](http://docs.oracle.com/javase/7/docs/api/java/lang/String.html) | [**toString**](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html#toString(float[]))(float[] a)  Returns a string representation of the contents of the specified array. |
| static [**String**](http://docs.oracle.com/javase/7/docs/api/java/lang/String.html) | [**toString**](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html#toString(int[]))(int[] a)  Returns a string representation of the contents of the specified array. |
| static [**String**](http://docs.oracle.com/javase/7/docs/api/java/lang/String.html) | [**toString**](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html#toString(long[]))(long[] a)  Returns a string representation of the contents of the specified array. |
| static [**String**](http://docs.oracle.com/javase/7/docs/api/java/lang/String.html) | [**toString**](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html#toString(java.lang.Object[]))([**Object**](http://docs.oracle.com/javase/7/docs/api/java/lang/Object.html)[] a)  Returns a string representation of the contents of the specified array. |
| static [**String**](http://docs.oracle.com/javase/7/docs/api/java/lang/String.html) | [**toString**](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html#toString(short[]))(short[] a)  Returns a string representation of the contents of the specified array. |