

Java ArrayList Methods



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All ArrayList Methods

A list of all ArrayList methods can be found in the table below.

Some methods use the type of the ArrayList's items as a parameter or return value. This type will be referred to as T in the table.

Method	Description	Return Type
<u>add()</u>	Add an item to the list	boolean void
addAll()	Add a collection of items to the list	boolean
<u>clear()</u>	Remove all items from the list	void
<u>clone()</u>	Create a copy of the ArrayList	Object
<u>contains()</u>	Checks whether an item exist in the list	boolean
ensureCapacity()	Increase the capacity of the list to be able to fit a specified number of items	void
forEach()	Perform an action on every item in the list	void
<u>get()</u>	Return the item at a specific position in the list	Т
indexOf()	Return the position of the first occurrence of an item in the list	int
isEmpty()	Checks whether the list is empty	boolean



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<u>listIterator()</u>	Return a ListIterator object for the ArrayList	ListIterator
<u>remove()</u>	Remove an item from the list	boolean <i>T</i>
removeAll()	Remove a collection of items from the list	boolean
<u>removelf()</u>	Remove all items from the list which meet a specified condition	boolean
<u>replaceAll()</u>	Replace each item in the list with the result of an operation on that item	void
<u>retainAll()</u>	Remove all elements from the list which do not belong to a specified collection	boolean
<u>set()</u>	Replace an item at a specified position in the list	Т
<u>size()</u>	Return the number of items in the list	int
<u>sort()</u>	Sort the list	void
<u>spliterator()</u>	Return a Spliterator object for the ArrayList	Spliterator
subList()	Return a sublist which provides access to a range of this list's items	List
toArray()	Return an array containing the list's items	Object[]
trimToSize()	Reduce the capacity of the list to match the number of items if necessary	Object[]

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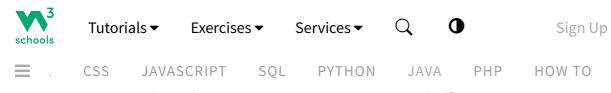
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