Class JavaVector<T>

java.lang.Object
src.JavaVector<T>

All Implemented Interfaces:
JavaContainer<T>

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public class JavaVector<T> extends Object implements JavaContainer<T>

Nested Class Summary

Nested classes/interfaces inherited from interface src.JavaContainer

JavaContainer.Iterator<T>

Constructor Summary

Constructors
Constructor
Description
JavaVector(int... _capacity)

Method Summary

All Methods | Instance Methods | Concrete Methods

Modifier and Type
Method
Description
void
Add(T obj)

boolean
equals(Object obj)
Overridden equals method for JavaVector class.
JavaContainer.Iterator<T>
getIterator()
Creates and
void
Remove(T obj)
Search for obj.
int
Size()

String
toString()

Methods inherited from class java.lang.Object

clone, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Details

JavaVector

public JavaVector(int... _capacity)

Parameters:
_capacity - create this much space. capacity must be bigger than 0 and only work on first parameter. if there is not any parameter or parameter is wrong. Then create array with size of 10

Method Details

Add

public void Add(T obj)

Specified by:
Add in interface JavaContainer<T>
Parameters:
obj - Add this obj to vector container.

Remove

public void Remove(T obj)
Search for obj.

Specified by:
Remove in interface JavaContainer<T>
Parameters:
obj - If there is any removes that element and copies of it.

Size

public int Size()

Specified by:
Size in interface JavaContainer<T>
Returns:
size of the container

toString

public String toString()

Overrides:
toString in class Object
Returns:
Overridden toString method for JavaVector class.

equals

public boolean equals(Object obj)
Overridden equals method for JavaVector class. Checks pair for every element of this vector also in the

otherVector. Placement does not matter, but quantity matters. checks if

Overrides:
`equals` in class `Object`
Parameters:
`obj` - and @this is same
Returns:
boolean value

getIterator

public JavaContainer.Iterator<T> getIterator()
Creates and

Specified by:
`getIterator` in interface `JavaContainer<T>`
Returns:
iterator for user to use.