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mypackage

Interface JavaContainer

- **All Known Implementing Classes:**
  `JavaSet`, `JavaVector`

`public interface` **`JavaContainer`**

- ***Method Summary***

All Methods Instance Methods Abstract Methods

Modifier and Type	Method and Description
`void`	**`add`**`(java.lang.Object element)` interface
`java.util.Iterator<java.lang.Object>`	**`getIterator`**`()`
`void`	**`remove`**`(java.lang.Object element)`
`int`	**`size`**`()`

java.lang.String	**toString**()

- ***Method Detail***

  - **add**

    void add(java.lang.Object element)

    interface

  - **remove**

    void remove(java.lang.Object element)

  - **size**

    int size()

  - **getIterator**

    java.util.Iterator<java.lang.Object> getIterator()

  - **toString**

    java.lang.String toString()

    Overrides:
    toString in class java.lang.Object

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Class JavaSet

- java.lang.Object
  -
  - mypackage.JavaSet

- **All Implemented Interfaces:**
  JavaContainer

```
public class JavaSet
extends java.lang.Object
implements JavaContainer
```

-

- ***Constructor Summary***

Constructors
Constructor and Description
`JavaSet()`

constructor

- ***Method Summary***

All Methods	Instance Methods	Concrete Methods
Modifier and Type	**Method and Description**	
`void`	**`add`**`(java.lang.Object element)` add override	
`boolean`	**`equals`**`(java.lang.Object obj)` equals override	
`java.util.Iterator<java.lang.Object>`	**`getIterator`**`()` getter	
`void`	**`remove`**`(java.lang.Object element)` remove override	
`int`	**`size`**`()` setter	
`java.lang.String`	**`toString`**`()` tostring override	

- **Methods inherited from class java.lang.Object**

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

-

- ***Constructor Detail***

- **JavaSet**

```
public JavaSet()
```

constructor

- ***Method Detail***

- **add**

```
public void add(java.lang.Object element)
```

add override

Specified by:

`add` in interface `JavaContainer`

Parameters:

`Object` -

- **remove**

```
public void remove(java.lang.Object element)
```

remove override

Specified by:
`remove` in interface `JavaContainer`

Parameters:
`Object` -

- **size**

```
public int size()
```

setter

Specified by:
`size` in interface `JavaContainer`

- **getIterator**

```
public java.util.Iterator<java.lang.Object> getIterato
r()
```

getter

Specified by:
`getIterator` in interface `JavaContainer`

- **toString**

```
public java.lang.String toString()
```

tostring override

Specified by:
`toString` in interface `JavaContainer`

Overrides:
`toString` in class `java.lang.Object`

- **equals**

```
public boolean equals(java.lang.Object obj)
```

equals override

Overrides:
`equals` in class `java.lang.Object`

Parameters:
`Object` - `obj`

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Class JavaVector

- java.lang.Object
  -
  - mypackage.JavaVector

- **All Implemented Interfaces:**
  JavaContainer

```
public class JavaVector
extends java.lang.Object
implements JavaContainer
```

-

- ***Constructor Summary***

Constructors	
Constructor and Description	
JavaVector()	

cobstructor for vector

- ***Method Summary***

All Methods	Instance Methods	Concrete Methods

Modifier and Type	Method and Description
`void`	**`add`**`(java.lang.Object element)` add override
`boolean`	**`equals`**`(java.lang.Object obj)` remove override
`java.util.Iterator<java.lang.Object>`	**`getIterator`**`()` getter
`void`	**`remove`**`(java.lang.Object element)` remove override
`int`	**`size`**`()` set size
`java.lang.String`	**`toString`**`()` tostring override

- **Methods inherited from class java.lang.Object**

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

- ***Constructor Detail***

- **JavaVector**

```
public JavaVector()
```

cobstructor for vector

- ***Method Detail***

- **add**

```
public void add(java.lang.Object element)
```

add override

Specified by:

`add` in interface `JavaContainer`

Parameters:

`Object` -

- **remove**

```
public void remove(java.lang.Object element)
```

remove override

Specified by:
`remove` in interface `JavaContainer`

Parameters:
`Object` -

- **size**

```
public int size()
```

set size

Specified by:
`size` in interface `JavaContainer`

- **getIterator**

```
public java.util.Iterator<java.lang.Object> getIterato
r()
```

getter

Specified by:
`getIterator` in interface `JavaContainer`

- **toString**

```
public java.lang.String toString()
```

tostring override

Specified by:
`toString` in interface `JavaContainer`

Overrides:
`toString` in class `java.lang.Object`

- **equals**

```
public boolean equals(java.lang.Object obj)
```

remove override

Overrides:
`equals` in class `java.lang.Object`

Parameters:
`Object` -

`This - if object=this true else false`