All Classes and Interfaces

Classes

Class	Description
ContainerDriver	ContainerDriver JavaSet, JavaVector ve JavaContainer interface'ini kullanır mainimin olduğu class set.txt ve vector.txt dosyalarına yazdırır

All Packages

Package Summary

Package	Description
example.driver	

JavaDoc Help

- Navigation:
    - Search
- Kinds of Pages:
    - Package • Class or Interface • Other Files • Tree (Class Hierarchy) • All Packages
    - All Classes and Interfaces • Index

Navigation

Starting from the Overview page, you can browse the documentation using the links in each page, and in the navigation bar at the top of each page. The Index and Search box allow you to navigate to specific declarations and summary pages, including: All Packages, All Classes and Interfaces

Search

You can search for definitions of modules, packages, types, fields, methods, system properties and other terms defined in the API. These items can be searched using part or all of the name, optionally using "camelCase" abbreviations, or multiple search terms separated by whitespace. Some examples:

- `"j.l.obj"` matches "java.lang.Object"
- `"InpStr"` matches "java.io.InputStream"
- `"math exact long"` matches "java.lang.Math.absExact(long)"

Refer to the Javadoc Search Specification   for a full description of search features.

Kinds of Pages

The following sections describe the different kinds of pages in this collection.

Package

Each package has a page that contains a list of its classes and interfaces, with a summary for each. These pages may contain the following categories:

- Interfaces
- Classes
- Enum Classes
- Exception Classes
- Annotation Interfaces

Class or Interface

Each class, interface, nested class and nested interface has its own separate page. Each of these pages has three sections consisting of a declaration and description, member summary tables, and detailed member descriptions. Entries in each of these sections are omitted if they are empty or not applicable.

- Class Inheritance Diagram
- Direct Subclasses
- All Known Subinterfaces

- All Known Implementing Classes
- Class or Interface Declaration
- Class or Interface Description

- Nested Class Summary
- Enum Constant Summary
- Field Summary
- Property Summary
- Constructor Summary
- Method Summary
- Required Element Summary
- Optional Element Summary

- Enum Constant Details
- Field Details
- Property Details
- Constructor Details
- Method Details
- Element Details

Note: Annotation interfaces have required and optional elements, but not methods. Only enum classes have enum constants. The components of a record class are displayed as part of the declaration of the record class. Properties are a feature of JavaFX.

The summary entries are alphabetical, while the detailed descriptions are in the order they appear in the source code. This preserves the logical groupings established by the programmer.

Other Files

Packages and modules may contain pages with additional information related to the declarations nearby.

Tree (Class Hierarchy)

There is a Class Hierarchy page for all packages, plus a hierarchy for each package. Each hierarchy page contains a list of classes and a list of interfaces. Classes are organized by inheritance structure starting with `java.lang.Object`. Interfaces do not inherit from `java.lang.Object`.

- When viewing the Overview page, clicking on TREE displays the hierarchy for all packages.
- When viewing a particular package, class or interface page, clicking on TREE displays the hierarchy for only that package.

All Packages

The All Packages page contains an alphabetic index of all packages contained in the documentation.

All Classes and Interfaces

The All Classes and Interfaces page contains an alphabetic index of all classes and interfaces contained in the documentation, including annotation interfaces, enum classes, and record classes.

Index

The Index contains an alphabetic index of all classes, interfaces, constructors, methods, and fields in the documentation, as well as summary pages such as All Packages, All Classes and Interfaces.

This help file applies to API documentation generated by the standard doclet.

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Package [example.driver](#)

Class ContainerDriver

[java.lang.Object](#)
example.driver.ContainerDriver

---

public class ContainerDriver extends [Object](#)
ContainerDriver JavaSet, JavaVector ve JavaContainer interface'ini kullanır mainimin olduğu class set.txt ve vector.txt dosyalarına yazdırır

• Constructor Summary

Constructors
Constructor

Description

[ContainerDriver]()

Method Summary

| All Methods | Static Methods | Concrete Methods |

Modifier and Type

Method

Description

static void

[main]([String][] args)

main metodu

Methods inherited from class java.lang.[Object]

[clone], [equals], [finalize], [getClass], [hashCode], [notify], [notifyAll], [toString], [wait], [wait], [wait]

Constructor Details

- **ContainerDriver**

  public ContainerDriver()

Method Details

- **main**

  public static void main([String][] args)

  main metodu

  Parameters:

  args - argümanlar JavaSet ve JavaVector'ü test eder set.txt ve vector.txt dosyalarına yazdırır

Package example.container

Class CustomSet\<T>

java.lang.Object
example.container.CustomSet\<T>

Type Parameters:
  T - generic tip

---

public class CustomSet\<T> extends Object
CustomSet

- # Constructor Summary

Constructors
Constructor
Description
[CustomSet]()
CustomSet constructor array dizisini ve size değişkenini oluşturur

- # Method Summary

| All Methods | Instance Methods | Concrete Methods |

Modifier and Type
Method
Description
`void`
[add](T element)
add metodu
`boolean`
[equals]([Object] obj)
equals metodu
[T]
[indexBul](int index)
indexBul metodu
[JavaIterator]<[T]>
[iterator]()
iterator metodu
`void`
[remove]([T] element)
remove metodu
`int`
[size]()
size metodu
[String]
[toString]()
toString metodu

Methods inherited from class java.lang.[Object]

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

- # Constructor Details

  - ### CustomSet

    public CustomSet()
    CustomSet constructor array dizisini ve size değişkenini oluşturur

- # Method Details

- ### add

  public void add([T](#) element)
  add metodu
  Parameters:
      `element` - elementi array dizisine ekler eğer array dizisinin boyutu dolmuşsa boyutunu 2 katına çıkarır ensureCapacity metodu ile

- ### remove

  public void remove([T](#) element)
  remove metodu
  Parameters:
      `element` - elementi array dizisinden siler eğer element array dizisinde yoksa hiçbir şey yapmaz

- ### size

  public int size()
  size metodu
  Returns:
      size size değişkenini döndürür

- ### iterator

  public [JavaIterator](#)<[T](#)> iterator()
  iterator metodu
  Returns:
      iterator nesnesi

- ### indexBul

  public [T](#) indexBul(int index)
  indexBul metodu
  Parameters:
      `index` - index işte
  Returns:
      T indexin array dizisindeki karşılığını döndürür eğer index array dizisinde yoksa null döndürür

- ### toString

  public [String](#) toString()
  toString metodu
  Overrides:
      `toString` in class `Object`
  Returns:
      String array dizisini stringe çevirir

- ## **equals**

  public boolean equals([Object](#) obj)
  equals metodu
  Overrides:
        `equals` in class `Object`
  Parameters:
        `obj` - alınan obje
  Returns:
        boolean obj CustomSet sınıfından değilse false döndürür obj CustomSet sınıfından ise obj'nin size'ı bu sınıfın size'ına eşit değilse false döndürür obj CustomSet sınıfından ise obj'nin elementleri bu sınıfın elementlerine eşit değilse false döndürür obj CustomSet sınıfından ise obj'nin elementleri bu sınıfın elementlerine eşitse true döndürür

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Package [example.container](#)

Class CustomVector<T>

[java.lang.Object](#)
example.container.CustomVector<T>

Type Parameters:
    T - generic tip

---

public class CustomVector<T> extends [Object](#)
CustomVector

- # Constructor Summary

Constructors
Constructor
Description
[CustomVector]()
CustomVector constructor array dizisini ve size değişkenini oluşturur

- # Method Summary

| All Methods | Instance Methods | Concrete Methods |

Modifier and Type
Method
Description
void
[add]([T] element)
add metodu
boolean
[equals]([Object] obj)
equals metodu
[JavaIterator]<[T]>
[iterator]()
iterator metodu
void
[remove]([T] element)
remove metodu
int
[size]()
size metodu
[String]
[toString]()
toString metodu

Methods inherited from class java.lang.**[Object]**

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

- # Constructor Details

  - ## **CustomVector**

    public CustomVector()
    CustomVector constructor array dizisini ve size değişkenini oluşturur

- # Method Details

  - ## **add**

    public void add([T] element)

add metodu

Parameters:

element - elementi array dizisine ekler eğer array dizisinin boyutu dolmuşsa boyutunu 2 katına çıkarır ensureCapacity metodu ile

- ## remove

public void remove([T](#) element)

remove metodu

Parameters:

element - elementi array dizisinden siler eğer element array dizisinde yoksa hiçbir şey yapmaz

- ## size

public int size()

size metodu

Returns:

size size değişkenini döndürür

- ## iterator

public [JavaIterator](#)<[T](#)> iterator()

iterator metodu

Returns:

CustomVectorIterator CustomVectorIterator sınıfından bir nesne döndürür

- ## toString

public [String](#) toString()

toString metodu

Overrides:

[toString](#) in class [Object](#)

Returns:

String array dizisini stringe çevirir örneğin: [1, 2, 3, 4, 5] override toString metodu Object sınıfından override edilmiştir

- ## equals

public boolean equals([Object](#) obj)

equals metodu

Overrides:

[equals](#) in class [Object](#)

Parameters:

obj - alınan obje

Returns:

boolean obj CustomVector sınıfından değilse false döndürür obj CustomVector sınıfından ise obj'nin size'ı bu CustomVector'ün size'ına eşit değilse false döndürür obj CustomVector sınıfından ise obj'nin array dizisinin elemanları bu CustomVector'ün

array dizisinin elemanlarına eşit değilse false döndürür obj CustomVector sınıfından ise obj'nin size'ı bu CustomVector'ün size'ına ve obj'nin array dizisinin elemanları bu CustomVector'ün array dizisinin elemanlarına eşitse true döndürür override equals metodu Object sınıfından override edilmiştir

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Hierarchy For Package example.container

Class Hierarchy

- java.lang.[Object](#)
    - example.container.[CustomSet](#)\<T\>
    - example.container.[CustomVector](#)\<T\>
    - example.container.[JavaSet](#)\<T\> (implements example.container.[JavaContainer](#)\<T\>)
    - example.container.[JavaVector](#)\<T\> (implements example.container.[JavaContainer](#)\<T\>)

Interface Hierarchy

- example.container.[JavaContainer](#)\<T\>
- example.container.[JavaIterator](#)\<T\>

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Package example.container

package example.container

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  JavaContainer<T>
  JavaContainer
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  JavaVector<T>
  JavaVector

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Hierarchy For Package example.driver

Class Hierarchy

- java.lang.Object
  - example.driver.ContainerDriver

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Package example.driver

package example.driver

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  ContainerDriver JavaSet, JavaVector ve JavaContainer interface'ini kullanır mainimin olduğu class set.txt ve vector.txt dosyalarına yazdırır

Package example.driver

`package example.driver`

Classes

Class	Description
ContainerDriver	ContainerDriver JavaSet, JavaVector ve JavaContainer interface'ini kullanır mainimin olduğu class set.txt ve vector.txt dosyalarına yazdırır

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ContainerDriver - Class in example.driver
    ContainerDriver JavaSet, JavaVector ve JavaContainer interface'ini kullanır mainimin olduğu class set.txt ve vector.txt dosyalarına yazdırır

ContainerDriver() - Constructor for class example.driver.ContainerDriver

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example.driver - package example.driver

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main(String[]) - Static method in class example.driver.ContainerDriver
    main metodu

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Package [example.container](#)

Interface JavaContainer<T>

Type Parameters:
> T - generic tip genel interface toString ve equals metotları hepsinde olsun dediniz diye interface ekledim

All Known Implementing Classes:
> `JavaSet`, `JavaVector`

---

public interface JavaContainer<T>
JavaContainer

- # **Method Summary**

All Methods	Instance Methods	Abstract Methods

  Modifier and Type
  Method
  Description
  `void`
  [add](`T` element)
  add metodu
  `boolean`
  [equals]([Object] obj)
  equals metodu
  [JavaIterator]<[T]>
  [getIterator]()
  getIterator metodu
  [T]
  [indexBul](int index)
  indexBul metodu
  `void`
  [remove]([T] element)
  remove metodu
  `int`
  [size]()
  size metodu
  [String]
  [toString]()
  toString metodu

- # **Method Details**

  - ## **add**

    void add([T] element)
    add metodu
    Parameters:
        `element` - işlenecek eleman

  - ## **remove**

    void remove([T] element)
    remove metodu
    Parameters:
        `element` - işlenecek eleman

  - ## **size**

    int size()
    size metodu

Returns:
    int size

getIterator

JavaIterator<T> getIterator()
getIterator metodu
Returns:
    iterator

toString

String toString()
toString metodu
Overrides:
    toString in class Object
Returns:
    string

equals

boolean equals(Object obj)
equals metodu
Overrides:
    equals in class Object
Parameters:
    obj - işlenirken karşılaştırılacak obje
Returns:
    boolean

indexBul

T indexBul(int index)
indexBul metodu
Parameters:
    index - işlenecek index
Returns:
    T

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Interface JavaIterator\<T>

Type Parameters:
 T - generic tip hasNext metodu sonraki elemanın olup olmadığını kontrol eder next metodu sonraki elemanı döndürür

---

public interface JavaIterator\<T>
JavaIterator

• Method Summary

(All Methods) (Instance Methods) (Abstract Methods)

Modifier and Type
Method
Description
boolean
[hasNext](){#}
hasNext metodu
[T](#)
[next](){#}
next metodu

- # **Method Details**

  - ## **hasNext**

    boolean hasNext()
    hasNext metodu
    Returns:
      boolean

  - ## **next**

    [T](#) next()
    next metodu
    Returns:
      T

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Package [example.container](#)

Class JavaSet<T>

[java.lang.Object](#)
example.container.JavaSet<T>

Type Parameters:
    T - generic tip JavaContainer interface'ini implement eder toString ve equals metotları hepsinde
    olsun dediniz diye interface ekledim

All Implemented Interfaces:
    [JavaContainer](#)<T>

---

public class JavaSet<T> extends [Object](#) implements [JavaContainer](#)<T>

JavaSet

- # Constructor Summary

  Constructors
  Constructor
  Description
  [JavaSet]()
  JavaSet constructor set'i oluşturur

- # Method Summary

  | All Methods | Instance Methods | Concrete Methods |

  Modifier and Type
  Method
  Description
  void
  [add]([T] element)
  add metodu
  boolean
  [equals]([Object] obj)
  equals metodu
  [JavaIterator]<[T]>
  [getIterator]()
  getIterator metodu
  [T]
  [indexBul](int index)
  indexBul metodu
  void
  [remove]([T] element)
  remove metodu
  int
  [size]()
  size metodu
  [String]
  [toString]()
  toString metodu

  ### Methods inherited from class java.lang.[Object]

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

- # Constructor Details

  - ### JavaSet

    public JavaSet()
    JavaSet constructor set'i oluşturur

- # Method Details

  - ## indexBul

    public [T](#) indexBul(int index)
    indexBul metodu
    Specified by:
          [indexBul](#) in interface [JavaContainer](#)<[T](#)>
    Parameters:
          index - işlenecek index
    Returns:
          T set'in index'ini bulur

  - ## add

    public void add([T](#) element)
    add metodu
    Specified by:
          [add](#) in interface [JavaContainer](#)<[T](#)>
    Parameters:
          element - elementi set'e ekler

  - ## remove

    public void remove([T](#) element)
    remove metodu
    Specified by:
          [remove](#) in interface [JavaContainer](#)<[T](#)>
    Parameters:
          element - elementi set'ten siler

  - ## size

    public int size()
    size metodu
    Specified by:
          [size](#) in interface [JavaContainer](#)<[T](#)>
    Returns:
          int set'in size'ını döndürür

  - ## getIterator

    public [JavaIterator](#)<[T](#)> getIterator()
    getIterator metodu
    Specified by:
          [getIterator](#) in interface [JavaContainer](#)<[T](#)>
    Returns:
          T set'in iterator'ını döndürür

- ### **toString**

  public [String](#) toString()
  toString metodu
  Specified by:
         [toString](#) in interface [JavaContainer](#)<[T](#)>
  Overrides:
         [toString](#) in class [Object](#)
  Returns:
         String set'i string olarak döndürür

- ### **equals**

  public boolean equals([Object](#) obj)
  equals metodu
  Specified by:
         [equals](#) in interface [JavaContainer](#)<[T](#)>
  Overrides:
         [equals](#) in class [Object](#)
  Parameters:
         obj - işlenecek obje
  Returns:
         boolean set'lerin eşit olup olmadığını kontrol eder

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Package [example.container](#)

Class JavaVector<T>

[java.lang.Object](#)
example.container.JavaVector<T>

Type Parameters:
  `T` - generic tip JavaContainer interface'ini implement eder

All Implemented Interfaces:
  `JavaContainer`<T>

---

public class JavaVector<T> extends [Object](#) implements [JavaContainer](#)<T>
JavaVector

- # Constructor Summary

  Constructors
  Constructor
  Description
  `JavaVector`()
  JavaVector constructor vector'ü oluşturur

- # Method Summary

  | All Methods | Instance Methods | Concrete Methods |

  Modifier and Type
  Method
  Description
  `void`
  `add`(`T` element)
  add metodu
  `boolean`
  `equals`(`Object` obj)
  equals metodu
  `JavaIterator`<`T`>
  `getIterator`()
  getIterator metodu
  `T`
  `indexBul`(int index)
  indexBul metodu
  `void`
  `remove`(`T` element)
  remove metodu
  `int`
  `size`()
  size metodu
  `String`
  `toString`()
  toString metodu

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

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

- # Constructor Details

  - ## JavaVector

    public JavaVector()
    JavaVector constructor vector'ü oluşturur

- # **Method Details**

  - ## **add**

    public void add(T element)
    Description copied from interface: <u>JavaContainer</u>
    add metodu
    Specified by:
          <u>add</u> in interface <u>JavaContainer</u><<u>T</u>>
    Parameters:
          element - işlenecek eleman

  - ## **remove**

    public void remove(T element)
    remove metodu
    Specified by:
          <u>remove</u> in interface <u>JavaContainer</u><<u>T</u>>
    Parameters:
          element - elementi vector'den siler

  - ## **size**

    public int size()
    size metodu
    Specified by:
          <u>size</u> in interface <u>JavaContainer</u><<u>T</u>>
    Returns:
          int vector'ün size'ını döndürür

  - ## **getIterator**

    public <u>JavaIterator</u><<u>T</u>> getIterator()
    getIterator metodu
    Specified by:
          <u>getIterator</u> in interface <u>JavaContainer</u><<u>T</u>>
    Returns:
          T vector'ün iterator'ünü döndürür

  - ## **toString**

    public <u>String</u> toString()
    toString metodu
    Specified by:
          <u>toString</u> in interface <u>JavaContainer</u><<u>T</u>>
    Overrides:
          <u>toString</u> in class <u>Object</u>
    Returns:

String vector'ün string karşılığını döndürür

- ## **equals**

  public boolean equals([Object](javascript:void) obj)
  equals metodu
  Specified by:
        `equals` in interface `JavaContainer<T>`
  Overrides:
        `equals` in class `Object`
  Parameters:
        `obj` - işlenirken karşılaştırılacak obje
  Returns:
        boolean vector'lerin eşitliğini kontrol eder, vectorde sıralama önemli olduğundan yani 2,3 ve 3,2 eşit olmadığından ona göre yazdım

- ## **indexBul**

  public [T](javascript:void) indexBul(int index)
  indexBul metodu
  Specified by:
        `indexBul` in interface `JavaContainer<T>`
  Parameters:
        `index` - işlenecek index
  Returns:
        T indexin vector'deki karşılığını döndürür eğer index vector'de yoksa null döndürür

Hierarchy For All Packages

Package Hierarchies:
example.driver

Class Hierarchy

- java.lang.**Object**
  - example.driver.**ContainerDriver**