

Dt : 3/10/2023

Note:

=>we use the following formats of standard main() method:

public static void main(String args[])

public static void main(String[] args)

static public void main(String[] args)

public static void main(String...args)

=>The following syntax represents var-args concept introduced by Java5 version.

public static void main(String...args)

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DisAdvantage of Arrays:

=>Array size once defined cannot be modified at runtime or execution time,because of this reason Arrays are not preferable to hold runtime and dynamic data.

Note:

=>DisAdvantage of Arrays can be overcome using Collection<E>.

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Java Collection<E> Framework:

define collection?(General definition)

=>The process of collecting elements is known as collection.

(or)

=>The group of elements is known as collection

define Collection<E>?(Java Component)

=>Collection<E> is an interface from java.util package and which is root of Java Collection<E> framework.

=>This Collection<E> interface is extended into the following

SubInterfaces:

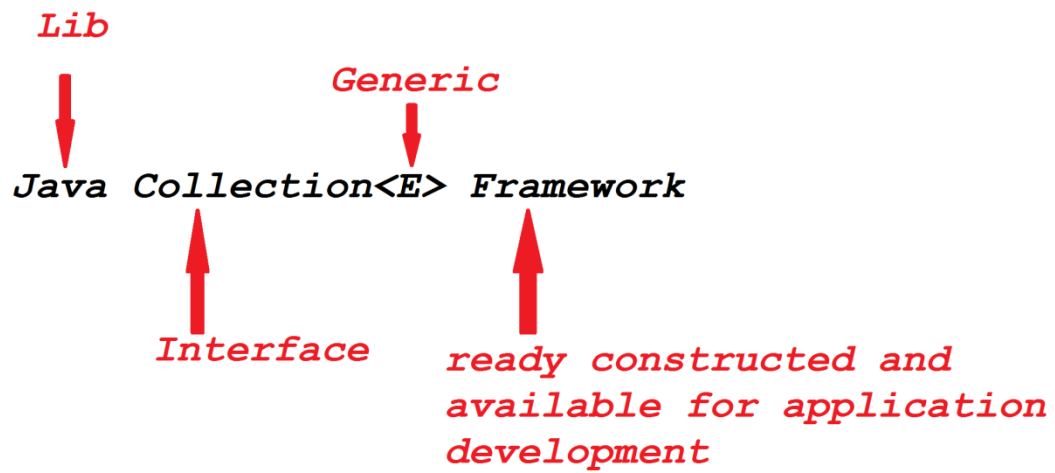
1.Set<E>

2.List<E>

3.Queue<E>

define Framework?

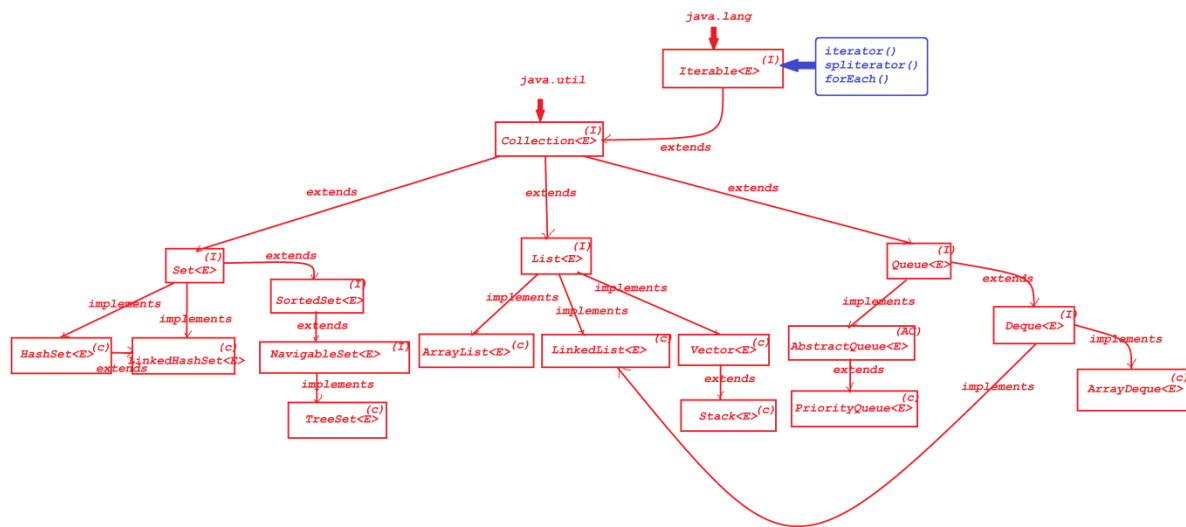
=>The structure which is ready constructed and available for application development is known as Framework.



Note:
JavaLib proviing interface 'Collection<E>' which is ready constructed and available for application development

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Complete Structure of Collection<E>:



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