

Collection<E> and  
Iterator<E>

# Collection<E>

boolean **add**(E item)

int **size**()

boolean **contains**(Object obj)

boolean **remove**(Object obj)

**Iterator**<E> **iterator**()

# Iterator<E>

boolean hasNext()

E next()

void remove()

# Iteration

```
Collection<String> c = new ArrayList<String>();  
c.add("Huey");  
c.add("Louie");  
c.add("Dewey");
```

```
Iterator<String> iter = c.iterator();  
while (iter.hasNext())  
{  
    String s = iter.next();  
    System.out.println(s);  
}
```

# Iteration

```
Collection<String> c = new ArrayList<String>();  
c.add("Huey");  
c.add("Louie");  
c.add("Dewey");
```

```
for (String s : c)  
{  
    System.out.println(s);  
}
```

***For-each loop***

