

↳ The Iterator <E> interface

- All data structures that implement Collection have a method iterator() that returns an iterator for that container / data structure
- What does an iterator do?
 - ↳ Helps us move through data structures and pull out the individual elements!
- Methods the iterator uses:
 - hasNext ()
 - next ()
 - remove ()

} these are the ones
you'll use the most often

↳ Code example of how to use an iterator

```
ArrayList < Integer > arr = new ArrayList < Integer >();
```

```
Iterator it = arr.iterator();
```

```
while (it.hasNext ())  
{  
    System.out.println (it.next());  
}
```

↳ prints every element in ArrayList arr