

## Java 8 Interface

- We can add now the default methods inside the interface
  - the methods that are optional for the subclasses to implement
- We can add the static methods inside the interface
  - the helper methods that are required for the subclasses

In java 8 interface we can have 3 types of methods

1. abstract
2. default
3. static

## # Functional Interface

- An functional interface is an interface that consists of a single abstract method
- It provides a method design to implement
- Are the base for your lambda expression
- makes your java as functional programming language

```
Comparator<T> -> int compare(T o1,T o2)
```

```
Predicate<T>-> boolean test(T o1)
```

```
Function<T,R> -> R apply(T o1)
```

```
BiFunction<T,U,R> ->R apply(T o1,U o2)
```

```
interface Acceptable<T> {  
    void accept();  
}
```