

# New Concepts in interface in one example: JDK 8 and JDK 9

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```
package com.app;
@FunctionalInterface //JDK1.8-Having only one abstract
method
public interface Sample<T> {
    //default method-JDK1.8-can override
    public default void show() {
        System.out.println("aaa");
        showA();
    }
    //private method-JDK1.9-no access outside
    private void showA() {
        System.out.println("Hello");
    }
    //static method-JDK1.8- no override/only using
    interfaceName.method()
    public static void newA() {
        System.out.println("M");
    }
    //single abstract method-So functional interface
    public void getInfo(T a);
    //static-main-method accessed
    public static void main(String[] args) {
        //method reference concept-JDK1.8
        Sample<String> s=System.out::println;
        s.getInfo("Hello");

        //lambda expressions-JDK1.8
        Sample<String> s2=(p)->{System.out.println(p)};
        s2.show();

        //static method call -JDK1.8
        Sample.newA();
    }
}
```