Atitti java预定义函数式接口 闭包的实现

# [java8中几个函数式接口的小例子](http://blog.csdn.net/maosijunzi/article/details/38658095)

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1. // Function<T, R> -T作为输入，返回的R作为输出
2. Function<String,String> function = (x) -> {System.out.print(x+": ");**return** "Function";};
3. System.out.println(function.apply("hello world"));
5. //Predicate<T> -T作为输入，返回的boolean值作为输出
6. Predicate<String> pre = (x) ->{System.out.print(x);**return** **false**;};
7. System.out.println(": "+pre.test("hello World"));
9. //Consumer<T> - T作为输入，执行某种动作但没有返回值
10. Consumer<String> con = (x) -> {System.out.println(x);};
11. con.accept("hello world");
13. //Supplier<T> - 没有任何输入，返回T
14. Supplier<String> supp = () -> {**return** "Supplier";};
15. System.out.println(supp.get());
17. //BinaryOperator<T> -两个T作为输入，返回一个T作为输出，对于“reduce”操作很有用
18. BinaryOperator<String> bina = (x,y) ->{System.out.print(x+" "+y);**return** "BinaryOperator";};
19. System.out.println("  "+bina.apply("hello ","world"));