LongToDoubleFunction Functional Interface

LongToIntFunction interface represents a function that accepts long valued argument and produces double valued result. Previously we have discussed [Function](http://data-structure-learning.blogspot.com/2015/07/java-lambda-function-functional.html) interface, [higher order functions](http://data-structure-learning.blogspot.com/2015/07/higher-order-functions-using-function.html), [DoubleFunction](http://data-structure-learning.blogspot.com/2015/07/java-lambda-doublefunction-functional.html). I would highly recommend you to read the above interfaces.

LongToDoubleFunction interface is long to double primitive specialization for Function interface.

applyAsDouble() method

**double** applyAsDouble(**long** value);

This method accepts long as input and returns double as result. Let us take simple example of this interface.

LongToDoubleFunction longToDoubleFunc = (val) -> (**double**) val + val;

System.***out***.println(longToDoubleFunc.applyAsDouble(Long.***MAX\_VALUE***));

Outputs:

1.8446744073709552E19

That’s all on LongToDoubleFunction interface.

Read about important java.util.function package’s interface [here](http://data-structure-learning.blogspot.com/p/functional-programming-in-java.html). [Consumer](http://data-structure-learning.blogspot.com/2015/07/java-lambda-consumer-functional.html), [Function](http://data-structure-learning.blogspot.com/2015/07/java-lambda-function-functional.html), [Supplier](http://data-structure-learning.blogspot.com/2015/07/java-lambda-supplier-functional.html), [BinaryOperator](http://data-structure-learning.blogspot.com/2015/07/java-lambda-binaryoperator-functional.html) & [Predicate](http://data-structure-learning.blogspot.com/2015/07/java-lambda-predicate-functional.html) Functional Interfaces. I have also written on [High Order functions](http://data-structure-learning.blogspot.com/2015/07/higher-order-functions-using-function.html) using Function functional interface.