IntToLongFunction Functional Interface

IntToLongFunction interface represents a function that accepts an int valued argument and produces a long 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.

IntToLongFunction interface is int to long primitive specialization for Function interface.

applyAsLong() method

**long** applyAsLong(**int** value);

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

IntToLongFunction i = (x) -> (**long**) x + x;

System.***out***.println(i.applyAsLong(Integer.***MAX\_VALUE***)); //Outputs 4294967294

That’s all on IntToLongFunction 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.