|  |  |  |
| --- | --- | --- |
| Functional Interface | Type Parameter and return type | Primitive Specialization |
| [Consumer<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-consumer-functional.html) | T -> void | [IntConsumer](http://data-structure-learning.blogspot.com/2015/07/java-lambda-intconsumer-functional.html)  [LongConsumer](http://data-structure-learning.blogspot.com/2015/07/java-lambda-longconsumer-functional.html)  [DoubleConsumer](http://data-structure-learning.blogspot.com/2015/07/java-lambda-doubleconsumer-functional.html) |
| [BiConsumer<T, U>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-biconsumer-functional.html) | (T, U) -> void | [ObjIntConsumer<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-objintconsumer-functional.html)  [ObjLongConsumer<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-objlongconsumer-functional.html)  [ObjDoubleConsumer<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-objdoubleconsumer.html) |
| [Supplier<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-supplier-functional.html) | () -> T | [BooleanSupplier](http://data-structure-learning.blogspot.com/2015/07/java-lambda-booleansupplier-functional.html)  [IntSupplier](http://data-structure-learning.blogspot.com/2015/07/java-lambda-intsupplier-functional.html)  [LongSupplier](http://data-structure-learning.blogspot.com/2015/07/java-lambda-longsupplier-functional.html)  [DoubleSupplier](http://data-structure-learning.blogspot.com/2015/07/java-lambda-doublesupplier-functional.html) |
| [Function<T, R>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-function-functional.html) | T -> R | [IntFunction<R>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-intfunction-functional.html)  [IntToDoubleFunction](http://data-structure-learning.blogspot.com/2015/07/java-lambda-inttodoublefunction.html)  [IntToLongFunction](http://data-structure-learning.blogspot.com/2015/07/java-lambda-inttolongfunction.html)  [LongFunction<R>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-longfunction-functional.html)  [LongToDoubleFunction](http://data-structure-learning.blogspot.com/2015/07/java-lambda-longtodoublefunction.html)  [LongToIntFunction](http://data-structure-learning.blogspot.com/2015/07/java-lambda-longtointfunction.html)  [DoubleFunction](http://data-structure-learning.blogspot.com/2015/07/java-lambda-doublefunction-functional.html)  [ToIntFunction<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-tointfunction-functional.html)  [ToLongFunction<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-tolongfunction-functional.html)  [ToDoubleFunction<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-todoublefunction-functional.html) |
| [BiFunction<T, U, R>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-bifunction-functional.html) | (T, U) -> R | [ToIntBiFunction<T, U>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-tointbifunction-functional.html)  [ToLongBiFunction<T, U>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-tolongbifunction-functional.html)  [ToDoubleBiFunction<T, U>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-todoublebifunction.html) |
| [Predicate<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-predicate-functional.html) | T -> boolean | [IntPredicate](http://data-structure-learning.blogspot.com/2015/07/java-lambda-intpredicate-functional.html)  [LongPredicate](http://data-structure-learning.blogspot.com/2015/07/java-lambda-longpredicate-functional.html)  [DoublePredicate](http://data-structure-learning.blogspot.com/2015/07/java-lambda-doublepredicate-functional.html) |
| [BiPredicate<L, R>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-bipredicate-functional.html) | (L, R) -> boolean |  |
| [UnaryOperator<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-unaryoperator-functional.html) | T -> T | [IntUnaryOperator](http://data-structure-learning.blogspot.com/2015/07/java-lambda-intunaryoperator-functional.html)  [LongUnaryOperator](http://data-structure-learning.blogspot.com/2015/07/java-lambda-longunaryoperator.html)  [DoubleUnaryOperator](http://data-structure-learning.blogspot.com/2015/07/java-lambda-longtodoublefunction.html) |
| [BinaryOperator<T>](http://data-structure-learning.blogspot.com/2015/07/java-lambda-binaryoperator-functional.html) | (T,T) -> T | [IntBinaryOperator](http://data-structure-learning.blogspot.com/2015/07/java-lambda-intbinaryoperator.html)  [LongBinaryOperator](http://data-structure-learning.blogspot.com/2015/07/java-lambda-longbinaryoperator.html)  [DoubleBinaryOperator](http://data-structure-learning.blogspot.com/2015/07/java-lambda-doublebinaryoperator_14.html) |