Stream API (Functional Interface) Cheat Sheet

by cod3r via cheatography.com/192130/cs/39950/

Java Functional Interface

Consumer<T>	*void* **accept**(T t)
Function<T,R>	*R* **apply**(T t)
Supplier<T>	*T* **get()**
UnaryOperator<T>	*T* **apply**(T t)
Predicate<T>	*boolean* **test**(T t)

Boolean Supplier Functional Interface

BooleanSupplier	*boolean* **getAsBoolean**()

Primitive Functional Interface (integer)

IntConsumer	*void* **accept**(int value)
IntFunction<R>	*R* **apply**(int value)
IntSupplier	*int* **getAsInt**()
IntUnaryOperator	*int* **applyAsInt**(int operand)
IntPredicate	*boolean* **test**(int value)
IntBinaryOperator	*int* **applyAsInt**(int left, int right)

Object & Primitive Functional Interface

ObjDoubleConsumer<T>	*void* **accept**(T t, double value)
ObjIntConsumer<T>	*void* **accept**(T t, int value)
ObjLongConsumer<T>	*void* **accept**(T t, long value)

Primitive Functional Interface (double)

DoubleConsumer	*void* **accept**(double value)
DoubleFunction<R>	*R* **apply**(double value)
DoubleSupplier	*double* **getAsDouble**()
DoubleUnaryOperator	*double* **applyAsDouble**(double operand)
DoublePredicate	*boolean* **test**(double value)
DoubleBinaryOperator	*double* **applyAsDouble**(double left, double right)

To Primitive Functional Interface

ToDoubleBiFunction<T,U>	double **applyAsDouble**(T t, U u)
ToDoubleFunction<T>	double **applyAsDouble**(T value)
ToIntBiFunction<T,U>	int **applyAsInt**(T t, U u)
ToIntFunction<T>	int **applyAsInt**(T value)
ToLongBiFunction<T,U>	*long* **applyAsLong**(T t, U u)
ToLongFunction<T>	*long* **applyAsLong**(T value)

Java Functional Interface (Bi**)

BiConsumer<T,U>	*void* **accept**(T t, U u)
BinaryOperator<T>	*T* **apply**(T t, T u)
BiFunction<T,U,R>	*R* **apply**(T t, U u)
BiPredicate<T,U>	*boolean* **test**(T t, U u)

Primitive to primate Functional Interface

DoubleToIntFunction	int **applyAsInt**(double value)
DoubleToLongFunction	*long* **applyAsLong**(double value)
IntToDoubleFunction	double **applyAsDouble**(int value)
IntToLongFunction	*long* **applyAsLong**(int value)
LongToDoubleFunction	double **applyAsDouble**(long value)
LongToIntFunction	int **applyAsInt**(long value)

Primitive Functional Interface (long)

LongConsumer	*void* **accept**(long value)
LongFunction<R>	*R* **apply**(long value)
LongSupplier	*long* **getAsLong**()
LongUnaryOperator	*long* **applyAsLong**(long operand)
LongPredicate	*boolean* **test**(long value)
LongBinaryOperator	*long* **applyAsLong**(long left, long right)