

java.util.function Interfaces Cheat Sheet

Classification		Interface	Single Abstract Method (SAM)
Consumer		BiConsumer<T,U>	void accept (T t, U u)
		Consumer<T>	void accept (T t)
		DoubleConsumer	void accept (double value)
		IntConsumer	void accept (int value)
		LongConsumer	void accept (long value)
		ObjDoubleConsumer<T>	void accept (T t, double value)
		ObjIntConsumer<T>	void accept (T t, int value)
		ObjLongConsumer<T>	void accept (T t, long value)
Function	Object(s) to Object	BiFunction<T,U,R>	R apply (T t, U u)
		Function<T,R>	R apply (T t)
	Object(s) to Primitive	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)
	Primitive to Object	DoubleFunction<R>	R apply (double value)
		IntFunction<R>	R apply (int value)
		LongFunction<R>	R apply (long value)
	Primitive to Primitive	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)
Operator	Binary	BinaryOperator<T>	T apply (T t, T u)
		DoubleBinaryOperator	double applyAsDouble (double left, double right)
		IntBinaryOperator	int applyAsInt (int left, int right)
		LongBinaryOperator	long applyAsLong (long left, long right)
	Unary	DoubleUnaryOperator	double applyAsDouble (double operand)
		IntUnaryOperator	int applyAsInt (int operand)
		LongUnaryOperator	long applyAsLong (long operand)
		UnaryOperator<T>	T apply (T t)
Predicate		BiPredicate<T,U>	boolean test (T t, U u)
		DoublePredicate	boolean test (double value)
		IntPredicate	boolean test (int value)
		LongPredicate	boolean test (long value)
		Predicate<T>	boolean test (T t)
Supplier		BooleanSupplier	boolean getAsBoolean ()
		DoubleSupplier	double getAsDouble ()
		IntSupplier	int getAsInt ()
		LongSupplier	long getAsLong ()
		Supplier<T>	T get ()