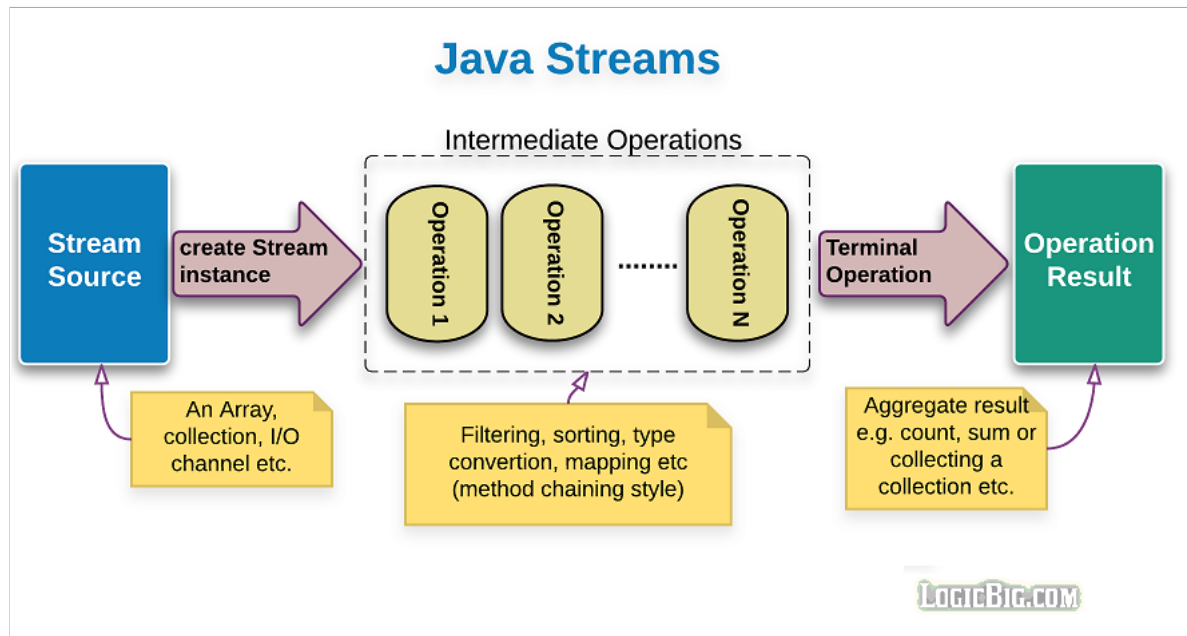


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Java 8 Stream operations cheat sheet

[Updated: Apr 30, 2017, Created: Aug 15, 2016]



Stream operations

Obtaining a Stream	Intermediate Operation	Terminal Operations
<p>Collection</p> <p>stream() parallelStream()</p> <p>Stream</p> <p>IntStream</p> <p>LongStream</p> <p>DoubleStream</p> <p>static generate()[Unordered] static of(...) static empty() static iterate(...) static concat(...) static builder()</p> <p>IntStream</p> <p>LongStream</p> <p>static range(...) static rangeClosed(...)</p> <p>Arrays</p> <p>static stream(...)</p>	<p>BaseStream</p> <p>sequential() parallel() unordered() onClose(...)</p> <p>Stream</p> <p>filter(...) map(...) mapToInt(...) mapToLong(...) mapToDouble(...) flatMap(...) flatMapToInt(...) flatMapToLong(...) flatMapToDouble(...) distinct()[stateful] sorted()[stateful] peek(...) limit(...)[stateful, short-circuiting]</p>	<p>BaseStream</p> <p>iterator() spliterator()</p> <p>Stream</p> <p>forEach(...) forEachOrdered(...) toArray(...) reduce(...) collect(...) min(...) max(...) count() anyMatch(...)[short-circuiting] allMatch(...)[short-circuiting] noneMatch(...)[short-circuiting] findFirst()[short-circuiting] findAny()[short-circuiting, nondeterministic]</p> <p><i>IntStream, LongStream and DoubleStream</i></p>

[BufferedReader](#)

lines(..)

[Files](#)

static lines(..)

static list(..)

static walk(..)

static find(..)

[JarFile](#)

stream()

[ZipFile](#)

stream()

[Pattern](#)

splitAsStream(..)

[SplittableRandom](#)

ints(..)[Unordered]

longs(..)[Unordered]

doubles(..)[Unordered]

[Random](#)

ints(..)

longs(..)

doubles(..)

[ThreadLocalRandom](#)

ints()

longs(..)

doubles(..)

[BitSet](#)

stream()

[CharSequence](#) (String)

IntStream chars()

IntStream codePoints()

[StreamSupport](#) (low level)

static doubleStream(..)

static intStream(..)

static longStream(..)

static stream(..)

skip(..)[stateful]

IntStream, LongStream and DoubleStream

have similar methods as Stream does but

with different args.

Here are some extra methods:

[IntStream](#)

mapToObj(..)

asLongStream()

asDoubleStream()

boxed()

[LongStream](#)

mapToObj(..)

asDoubleStream()

boxed()

[DoubleStream](#)

mapToObj(..)

boxed()

have similar methods as Stream does but with different args.

Here are some extra methods:

[IntStream](#)

[LongStream](#)

[DoubleStream](#)

sum()

average()

summaryStatistics()

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