



Scala

Tinkoff Fintech 2019



Контейнеры

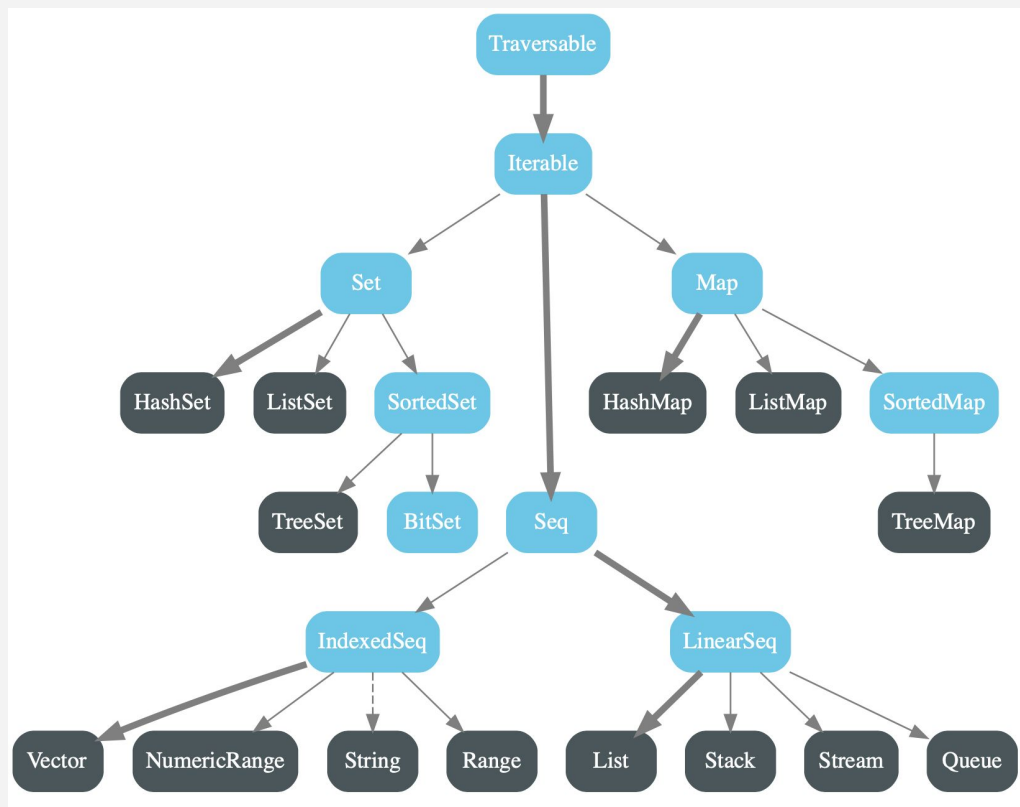
Темы

- КОНТЕКСТЫ ВЫЧИСЛЕНИЙ
- КОЛЛЕКЦИИ
- views
- streams

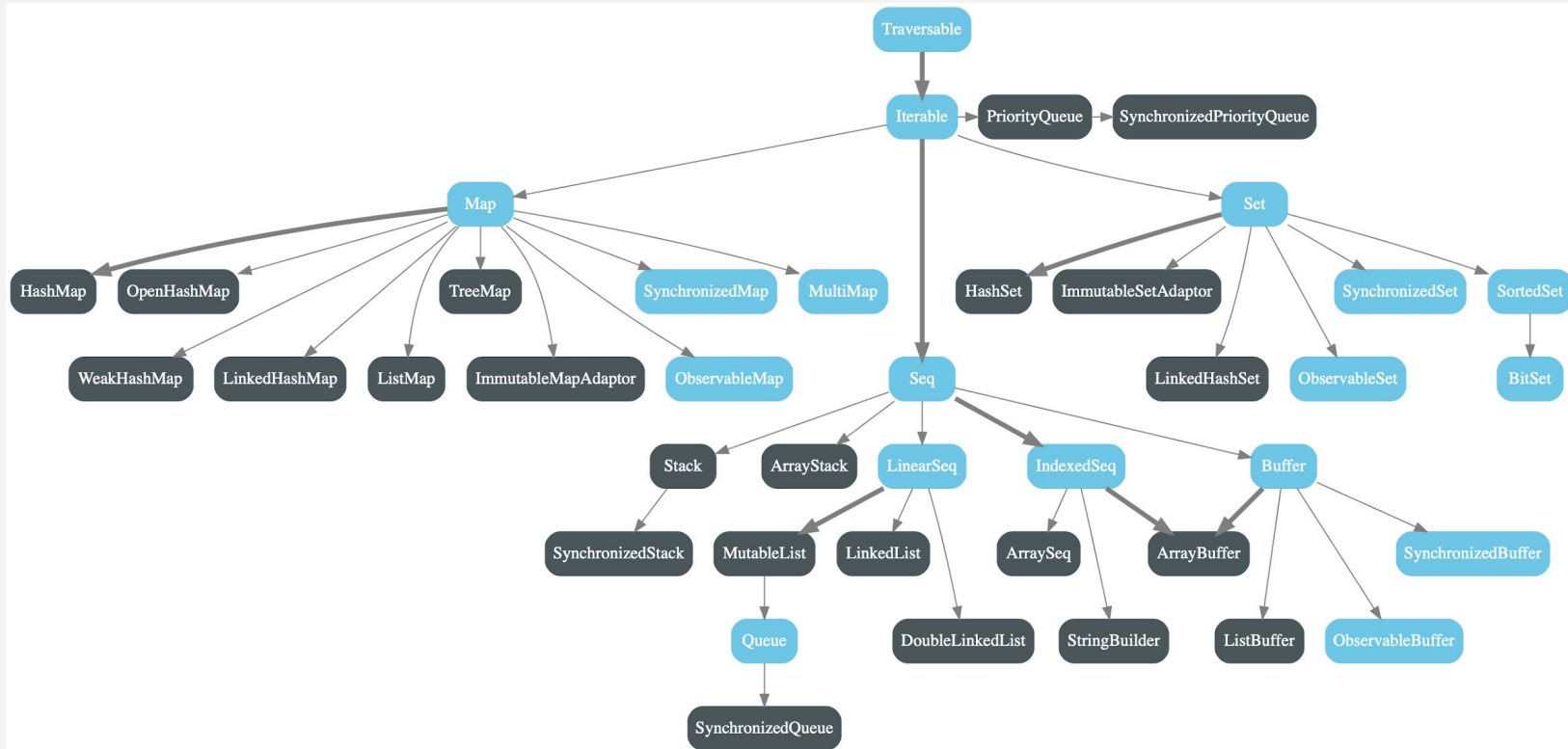
Контексты

- Option
- Try
- Either
- List ???

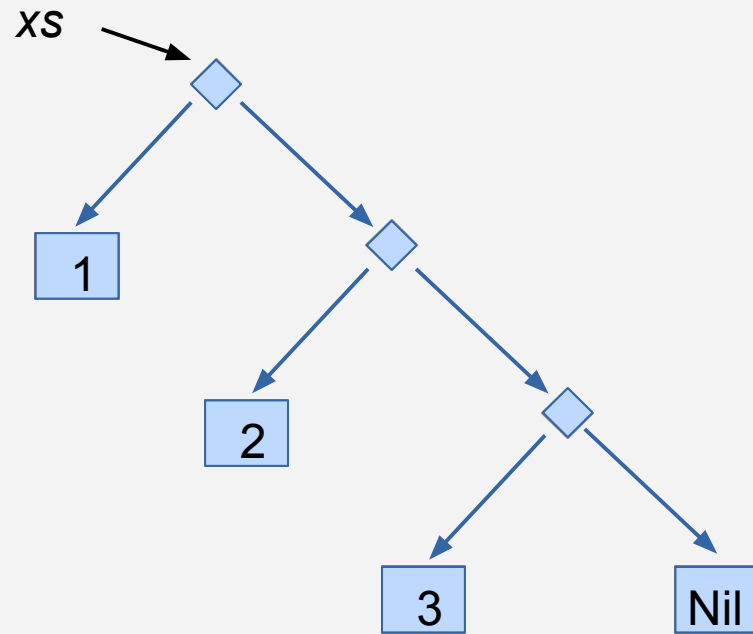
Коллекции: иерархия (immutable)



Коллекции: иерархия (mutable)

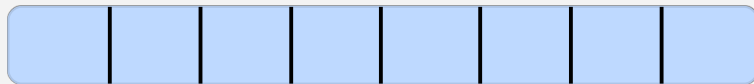


List



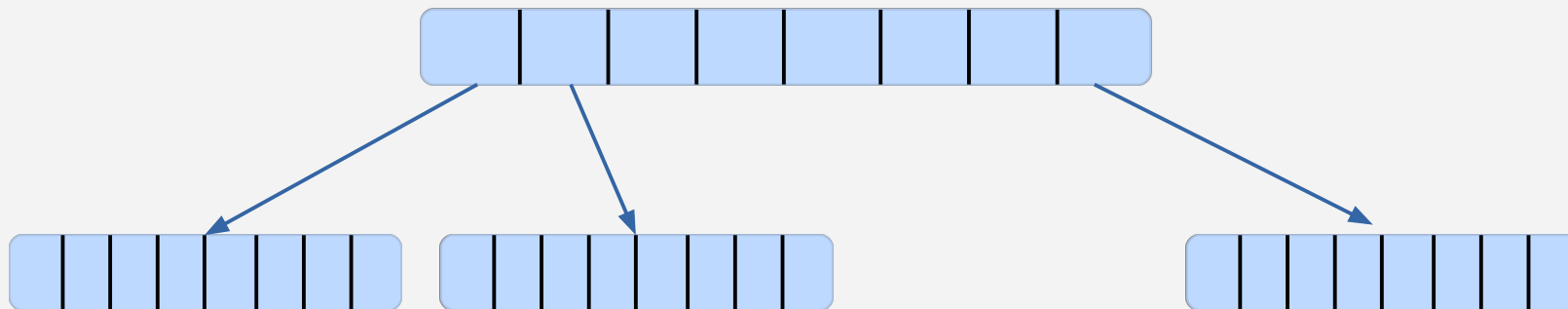
Vector

$0 \leq N \leq 32$



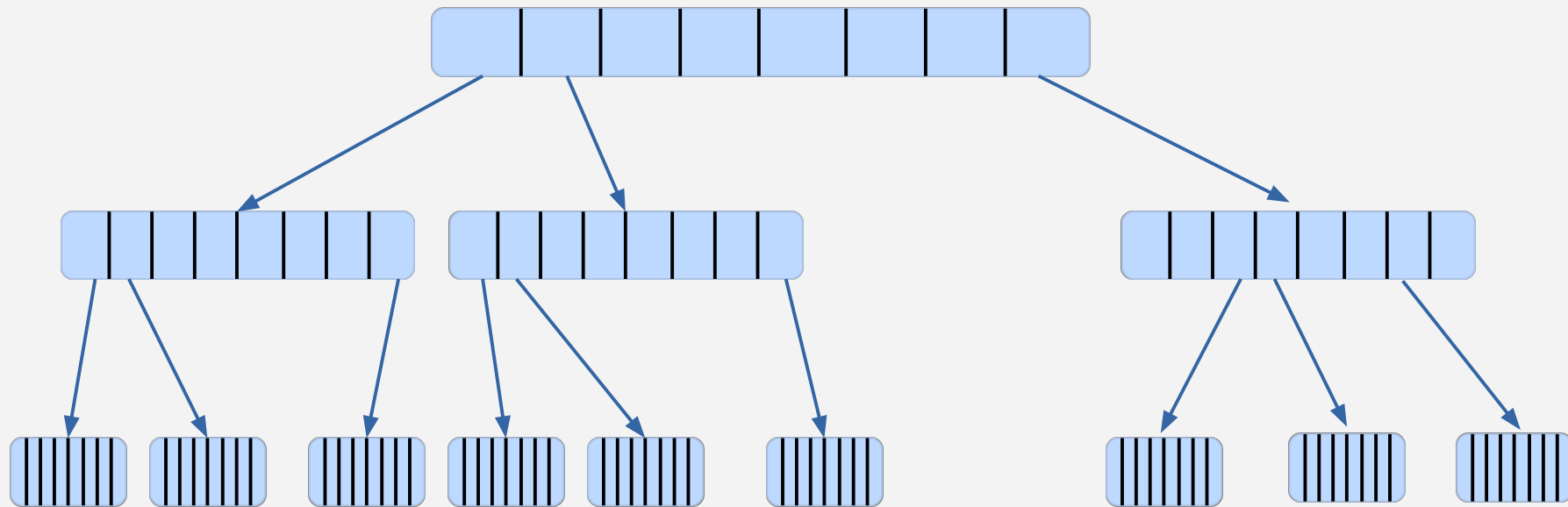
Vector

$$32 < N \leq 32 * 32 = 1024$$

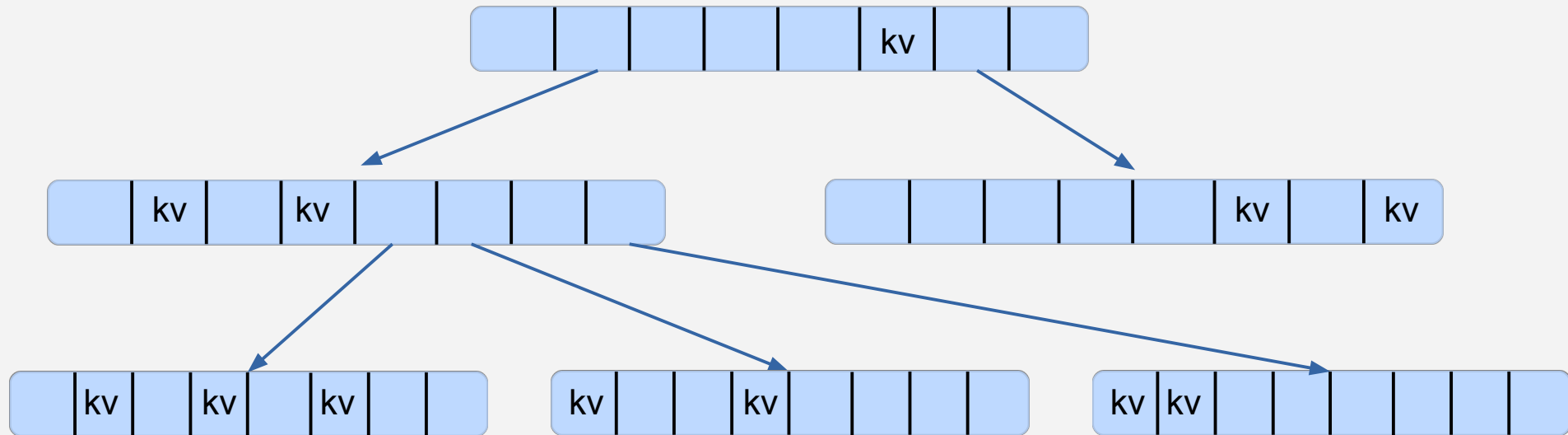


Vector

$$2^{10} < N \leq 2^{15}$$



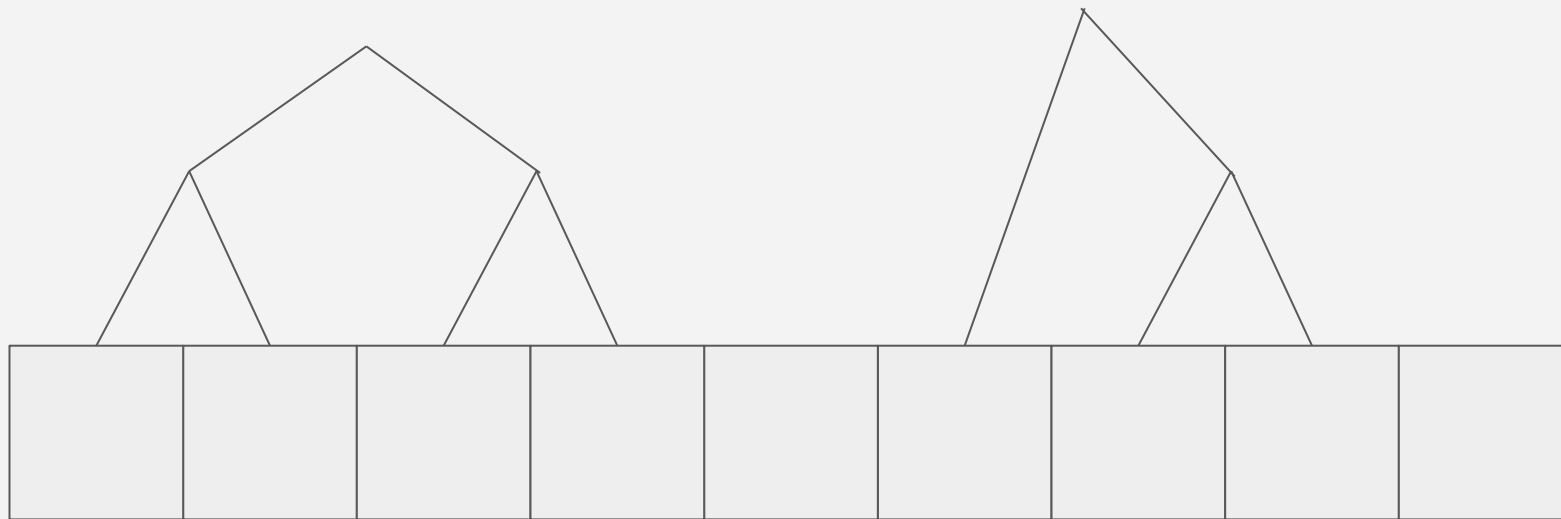
Map



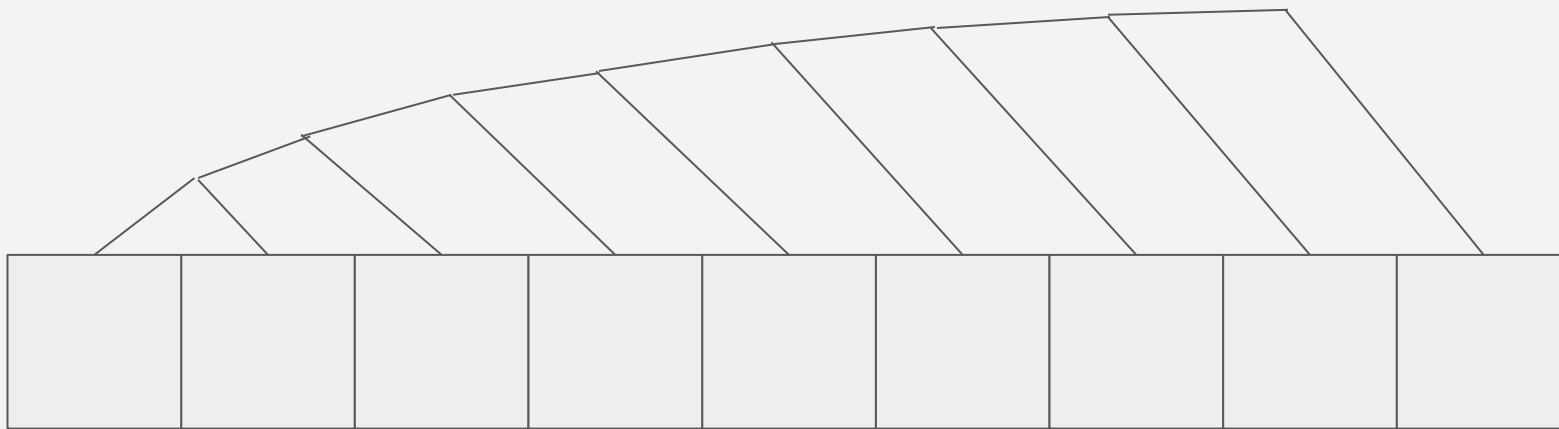
Performance

- <https://docs.scala-lang.org/overviews/collections/performance-characteristics.html>
- <http://www.lihaoyi.com/post/BenchmarkingScalaCollections.html>

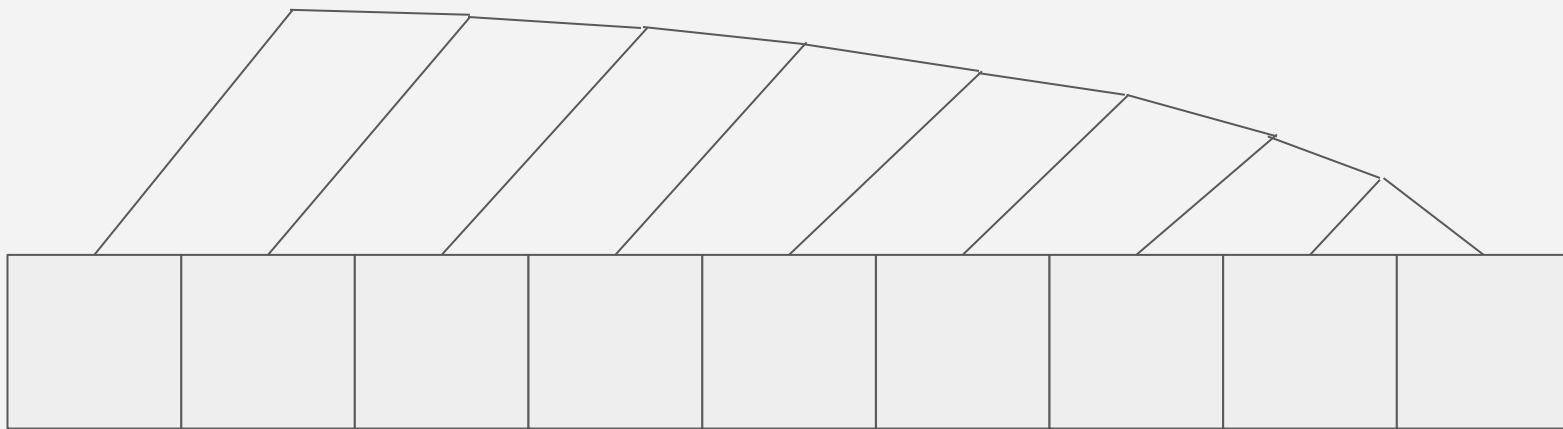
Fold



FoldLeft



FoldRight





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