

# Hello! My name is Duke

## Today we will talk about

- Heap and non-heap memory in java
- GC (garbage collector)

## Non-heap memory

Permanent generation(meta space)

Stack

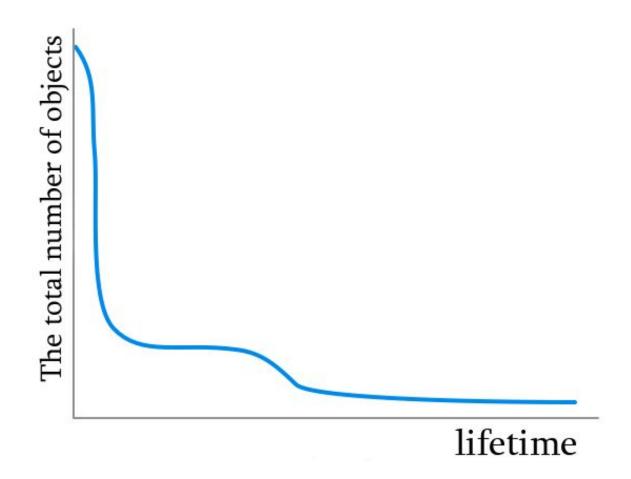
## Heap

Objects

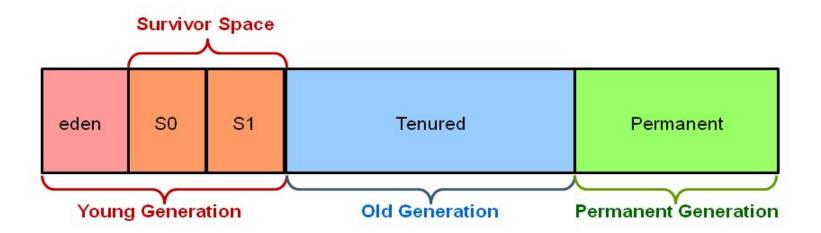
new keyword

### what to do?

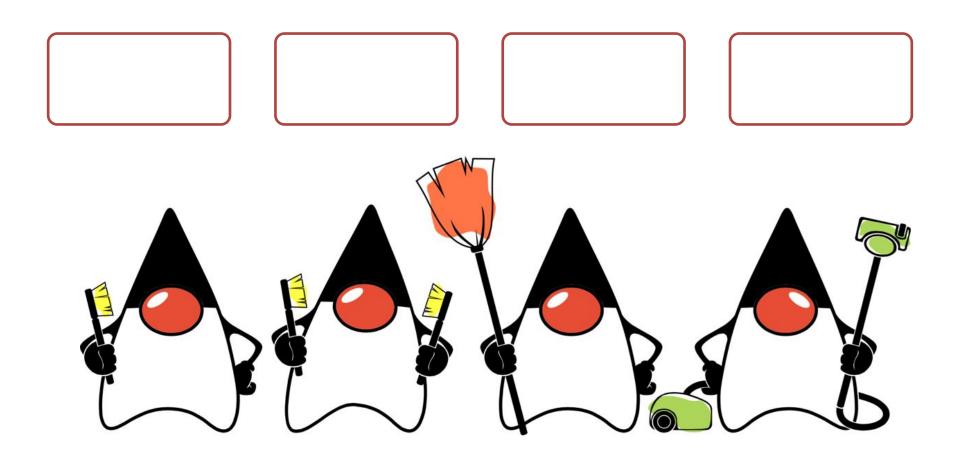




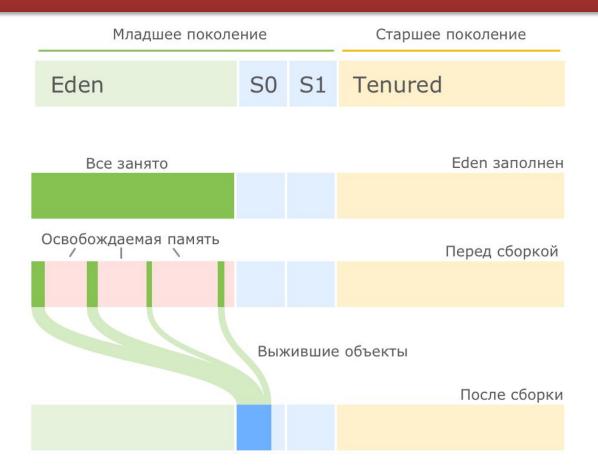
#### **Hotspot Heap Structure**

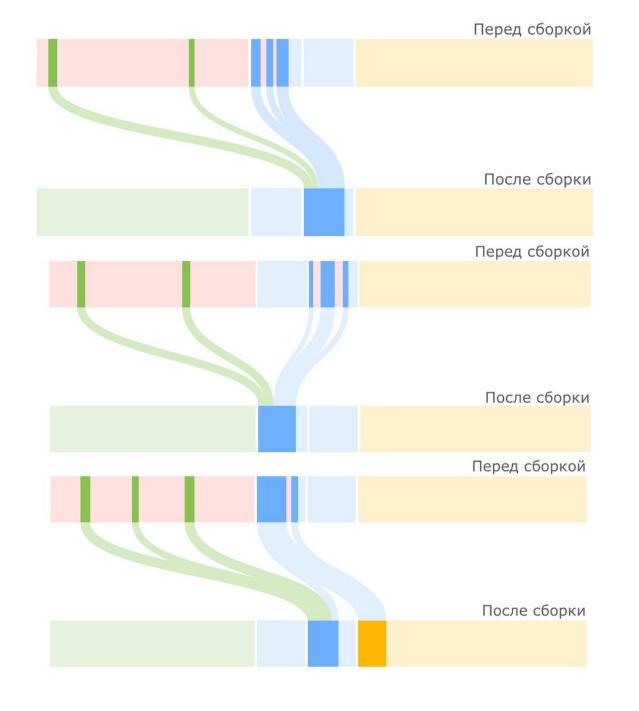


## Java hotspot VM garbage collectors



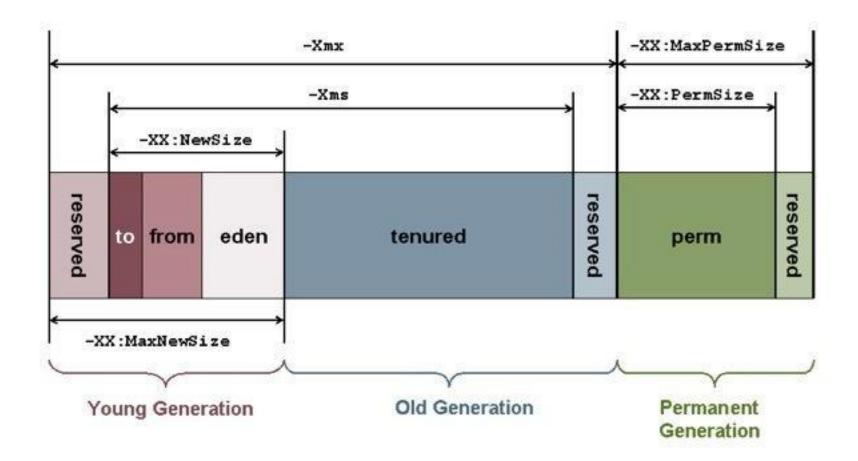
### Minor collection





## Full collection





## Questions???

