

## Just before garbage collection

the-cars  
the-cdrs

mixture of useful data and garbage

working  
memory

↑  
free

new-cars  
new-cdrs

free memory

free  
memory

## Just after garbage collection

new-cars  
new-cdrs

discarded memory

new  
free  
memory

the-cars  
the-cdrs

useful data

free area

new  
working  
memory

↑  
free