

Laurem Ipsum!!!

- Laurem Ipsum

Laurem Ipsum is simply dummy text of the printing and typesetting industry. Laurem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Laurem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Laurem Ipsum.

Heap Memory → Memory Manager
→ Garbage Collector

Memory Manager

- The 2 basic jobs of memory manager are:
 - (i) Allocation - It allocates memory when required.
 - (ii) Deallocation - It deallocates memory when program has executed.

Properties of memory manager are:

- Simple efficiency
- Program "
- Low overhead

(i) Garbage Collection:

a Reference counting: The simplest method is to give each object a reference count.

- If object has no reference, it is collected and space becomes available.

(ii) Trace Based:

- It is divided into 2 types:
 - Mark and sweep
 - Copy and compact.

- 4 Steps of garbage cleanup are free, unlinked, unmarked, and scanned.