

# Linked List

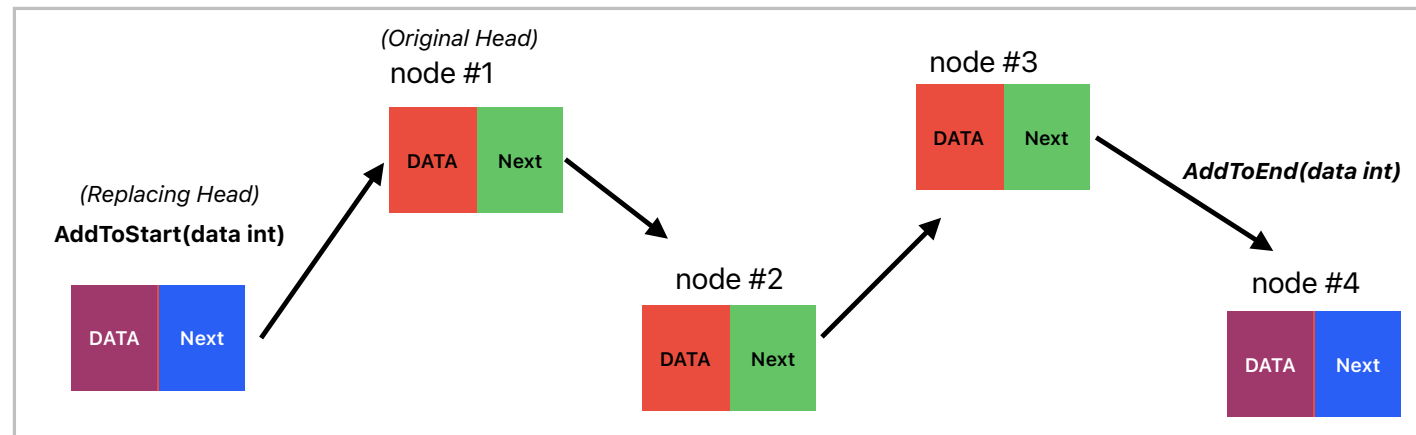
A linked list is a linear data structure, in which the elements are not stored at contiguous memory locations. **The elements in a linked list are linked using pointers as shown in the below image:**

Array



\* In GoLang an **array** has a fixed size. When the array is created memory is reserved to hold its items.

Linked List



\* A link list doesn't have a predefined size. Its a series of nodes, which contain the fields **data** and **next**.

**next**: a pointer reference to the memory address of the next node in the list.

**data**: whatever unique data is associated with the node