Linked Lists Introduction

CS110C
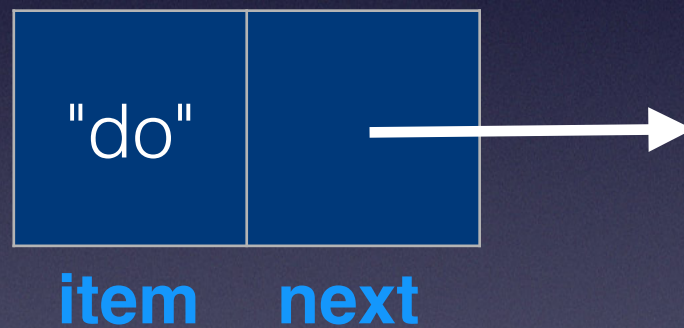Max Luttrell, CCSF

linked lists

- As we saw in the previous unit, one way to implement the list ADT was with an array. An alternate approach is what's called a **linked list**, a.k.a. a **pointer-based list**

node

- The basic data structure of a linked list is a node. A node contains some data, and a pointer to the next node.

item   **next**

linked list

- We can make a list out of nodes by stringing several of them together