CSE 12 — Basic Data Structures and Object-Oriented Design Lecture 25

Greg Miranda & Paul Cao, Winter 2021

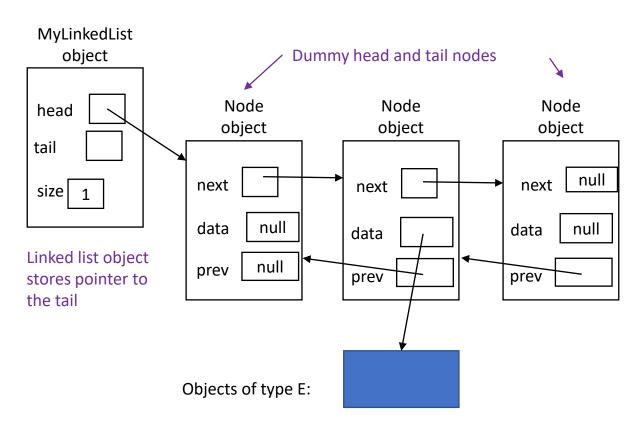
Announcements

- Quiz 25 due Friday @ 8am
 - Last quiz!!
- Survey 10 due Friday @ 11:59pm
- PA8 due Thursday @ 11:59pm
- No pre-recorded lecture for Friday
 - Final Review
- Final Exam
 - Starts Saturday, March 13th @ 8:00am
 - Ends Monday, March 15th @ 11:59pm
 - 3 hour exam clock starts when you open exam
 - Must be finished in one sitting

Topics

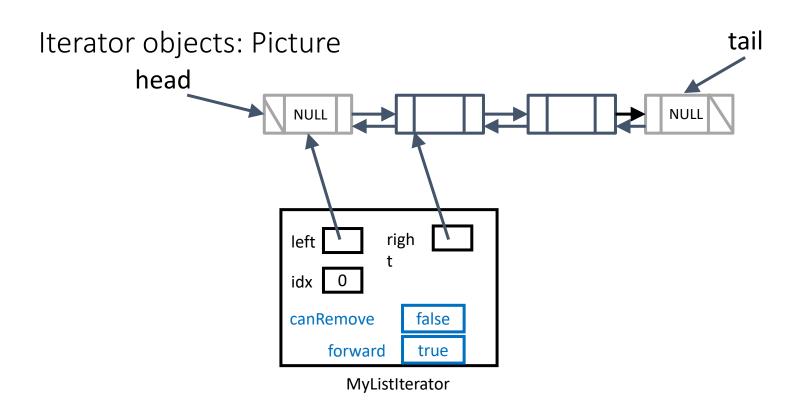
- Improved Lists
- Questions on Lecture 25?

Doubly linked lists

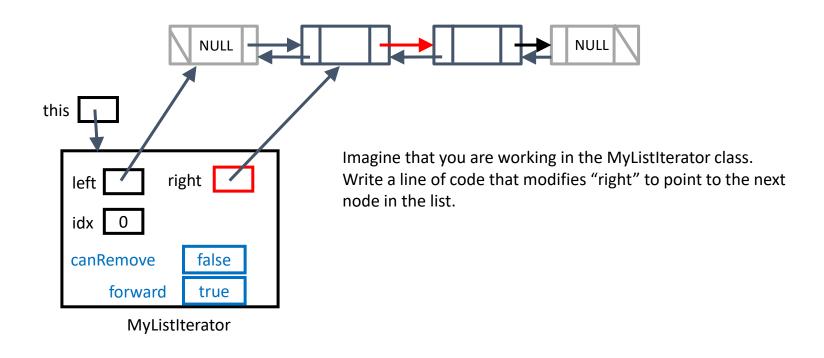


Types of Linked Lists

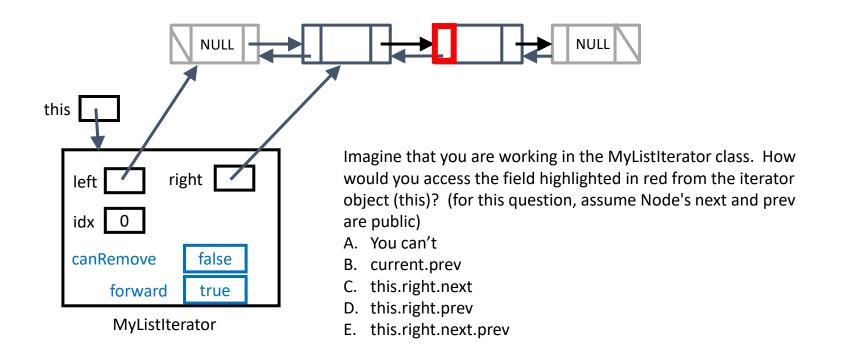
- Singly linked list
- Doubly linked list
- Circular singly linked list
- Circular doubly linked list



Accessing and setting node fields

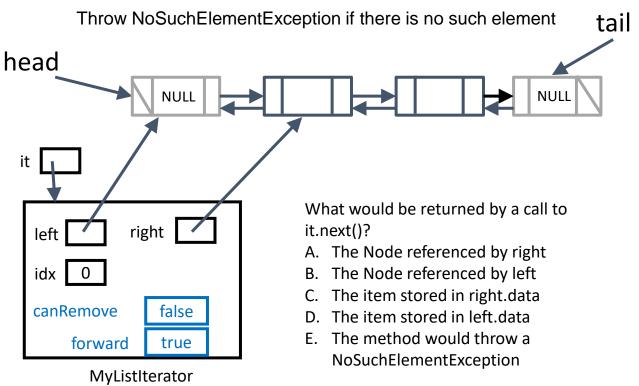


Accessing and setting node fields



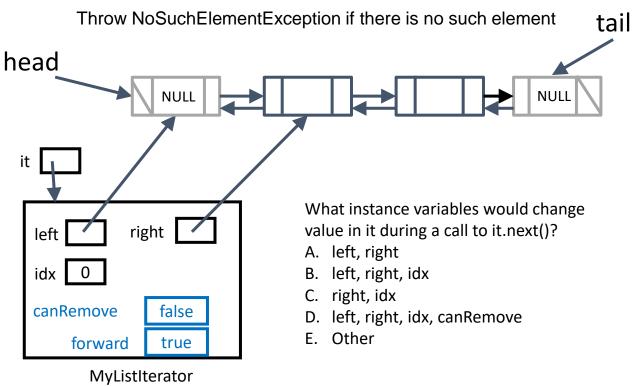
T next()

Return the next element in the list when going forward.



T next()

Return the next element in the list when going forward.



T next()

Return the next element in the list when going forward.

Throw NoSuchElementException if there is no such element

