Data Structure Visualizer

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CS 210 Project

Project Outline

- Objective: Java based GUI Visualizer
- Expendable with Modules for
    - Data Structures
    - Sorting Algorithms
    - Search Algorithms
- Shows the current status, lets the users control every action graphically and displays the change

Data Structure Visualizer

Linked List | Array | Stack | Queue | Deque | Hash Table | Tree | Graph
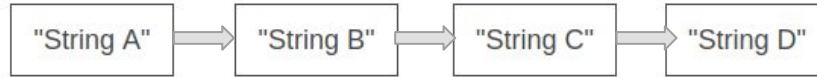
Create New

add()

get()

remove()

contains()

clear()

"String A" → "String B" → "String C" → "String D"

Input: |

Output

Undo   Redo   Last Action: add("String D")   Quit