My Project

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Contents

1 Class Index **1**

1.1 Class List 1

2 File Index **3**

2.1 File List 3

3 Class Documentation **5**

3.1 LinkList< T > Class Template Reference 5

3.1.1 Detailed Description 5

3.1.2 Member Function Documentation 5

3.1.2.1 insertFront(T item) 6

3.1.2.2 insertRear(T item) 6

3.1.2.3 main(String a[]) 6

3.2 Node< T > Class Template Reference 6

3.2.1 Detailed Description 6

3.2.2 Member Function Documentation 7

3.2.2.1 getPrev() 7

3.2.2.2 getValue() 7

3.2.2.3 setNext(Node< T > next) 7

3.2.2.4 setPrev(Node< T > prev) 7

3.2.2.5 setValue(T value) 7

4 File Documentation **9**

4.1 LinkList.java File Reference 9

Index **11**

Chapter 1

Class Index

1.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

LinkList< T >
: Defining linked-list operations 5
Node< T >
: Defining Node class 6

Chapter 2

File Index

2.1 File List

Here is a list of all documented files with brief descriptions:

LinkList.java 9

Chapter 3

Class Documentation

3.1 LinkList< T > Class Template Reference

: Defining linked-list operations

Public Member Functions

- void insertFront (T item)

  add element at the beginning of the queue
- void insertRear (T item)

  add element at the end of the queue
- void removeFront ()

  removes an item from Front and updates front
- void removeRear ()

  removes an item from rear and updates rear

Static Public Member Functions

- static void main (String a[ ])

3.1.1 Detailed Description

: Defining linked-list operations

Parameters

<T>	: generic Type

3.1.2 Member Function Documentation

3.1.2.1 void LinkList< T >.insertFront (T *item*) [inline]

add element at the beginning of the queue

Parameters

item	: item to be inserted at front of linked list

3.1.2.2 void LinkList< T >.insertRear (T *item*) [inline]

add element at the end of the queue

Parameters

item	: item to be inserted at end

3.1.2.3 static void LinkList< T >.main (String *a[ ]*) [inline], [static]

Entry Point of program

The documentation for this class was generated from the following file:

- LinkList.java

3.2 Node< T > Class Template Reference

: Defining Node class

Public Member Functions

- Node< T > getPrev ()
  Get previous node.
- void setPrev (Node< T > prev)
  Sets 'prev' member variable.
- Node< T > getNext ()
  Get next node return next Node.
- void setNext (Node< T > next)
  Sets 'next' member variable.
- T getValue ()
  returns value of Node
- void setValue (T value)
  sets value of Node

3.2.1 Detailed Description

: Defining Node class

Parameters

<T>	: generic type

3.2.2 Member Function Documentation

3.2.2.1 Node<T> Node< T >.getPrev ( ) [inline]

Get previous node.

Returns

previous Node

3.2.2.2 T Node< T >.getValue ( ) [inline]

returns value of Node

Returns

value

3.2.2.3 void Node< T >.setNext (Node< T > *next*) [inline]

Sets 'next' member variable.

Parameters

next	: node to be set as next

3.2.2.4 void Node< T >.setPrev (Node< T > *prev*) [inline]

Sets 'prev' member variable.

Parameters

prev	: Node to be set as prev

3.2.2.5 void Node< T >.setValue (T *value*) [inline]

sets value of Node

Parameters

value	: to be set in member variable 'value'

The documentation for this class was generated from the following file:

- LinkList.java

Chapter 4

File Documentation

4.1 LinkList.java File Reference

Classes

- class LinkList< T >
  : Defining linked-list operations
- class Node< T >
  : Defining Node class

Index

getPrev
    Node, 7
getValue
    Node, 7

insertFront
    LinkList, 5
insertRear
    LinkList, 6

LinkList
    insertFront, 5
    insertRear, 6
    main, 6
LinkList< T >, 5
LinkList.java, 9

main
    LinkList, 6

Node
    getPrev, 7
    getValue, 7
    setNext, 7
    setPrev, 7
    setValue, 7
Node< T >, 6

setNext
    Node, 7
setPrev
    Node, 7
setValue
    Node, 7