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Memory efficient doubly linked list

Asked by Varun Bhatia.

Question:

Write a code for implementation of doubly linked list with use of single pointer in each node.

Solution:

This question is solved and very well explained at http://www.linuxjournal.com/article/6828.

We also recommend to read http://en.wikipedia.org/wiki/XOR_linked_list



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use xor link list....

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nandu · 3 years ago

#include #include

using namespace std;

class dlist {
struct node

```
int data;
node *link;
};
node *head,*tail;
public:
dlist(){head=tail=NULL;}
~dlist()
                                     see more
nandu • 3 years ago
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                                     see more
rajx · 5 years ago
   #include
  #include
  typedef struct nod
     int data;
```

```
struct nod * next;
}node;
void insert( node ** head , int data , node ** tail)
   node * temp = (node*)malloc( sizeof(node) );
   temp->data = data;
   temp->next = NULL;
   if ( !(*head))
                                      see more
```

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suresh kumar mahawar → rajx · 2 years ago

@rajx there is a case miss for single node.

here is your code with modification http://ideone.com/vErgLZ

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