perte: 23-09-20

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ADS

I. Memory etticient doubly linked list:

Insert_trant (head, data)

node new = new node ()

new-> data = data

new -> ptodit = Lead

it(read! = NUI)

head ->ptodiff = head -> ptodiff xor new

head = new

return head;

Insert_reag (head, dates)

node new = new nodec)

new->data =data

temp = heed, prev= NULL

while (temp 1 = NUL)

next = prev xOR temp -> ptoditt

prev=temb

temp = next

prev > ptodit+ = prev > ptodity xor new

new > ptoditt = poer

other head

if (nead = = NULL)

new sptoditt = NULL

octuon neu

(Zu)