

Lecture 13: Doubly linked lists

Doubly linked lists go forward and backward

```
struct node {  
    int data;  
    node* next;  
    node* prev;  
};
```

We still keep a pointer to the first node in the list (head_ptr).

For speed, we'll also keep track of the last node in the list (tail_ptr).

Much of our linked list code will not change much.

But we'll add a routine to print backwards, so we test these new links...

Doubly linked lists go forward and backward

Begin with my test code, Makefile, and headers posted with today's lecture.

I've started you out with the singly linked list code.

We'll modify as we go.