Doubly-linked List Based on Raw Pointer

beta version

```
use std::ptr;
pub struct List {
pub struct ListItem {
impl List {
    pub fn new(item: &mut ListItem) -> Self {
        List {
            index: item as *mut ListItem.
   pub fn append(&mut self, item: &mut ListItem) {
        unsafe {
            (*self.index).next = item as *mut ListItem;
impl ListItem {
   pub fn new(value: u32) -> Self {
            next: ptr::null_mut(),
            previous: ptr::null_mut(),
            owner: ptr::null_mut(),
#[cfg(test)]
mod test {
```

```
#[test]
pub fn test_new() {
    let mut itemFirst: ListItem = ListItem::new(2333);
    assert_eq!(itemFirst.value, 2333);

let mut list: List = List::new(&mut itemFirst);
    let mut itemSecond: ListItem = ListItem::new(9999);
    assert_eq!(itemSecond.value, 9999);
    list.append(&mut itemSecond);
    unsafe{
        assert_eq!((*(*list.index).next).value, 9999);
    }
}
```