

```

//
//  ListNode.m
//  ThreadSafeStack
//
//  Created by Juncheng Han on 2/12/18.
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//

#import "ListNode.h"

@implementation ListNode

- (instancetype)init
{
    self = [super init];
    if (self) {
        self.next = NULL;
        self.value = NULL;
    }
    return self;
}

- (instancetype)initWithValue:(id)value andNext:(ListNode *)next {
    self = [super init];
    if (self) {
        self.next = next;
        self.value = value;
    }
    return self;
}

#pragma mark - NSCoder

#define kValueKey @"valueKey"
#define kNextKey @"nextKey"

- (void)encodeWithCoder:(nonnull NSCoder *)aCoder {
    [aCoder encodeObject:_value forKey:kValueKey];
    [aCoder encodeObject:_next forKey:kNextKey];
}

- (nullable instancetype)initWithCoder:(nonnull NSCoder *)aDecoder {
    id value = [aDecoder decodeObjectForKey:kValueKey];
    ListNode *next = [aDecoder decodeObjectForKey:kNextKey];

    self = [super init];

    if (self) {
        self.value = value;
        self.next = next;
    }
    return self;
}

```

@end