

OBJ-C CLASS DECLARATION

How to write clean header and less code

```
#import <Foundation/Foundation.h>

@interface AnObject : NSObject {
    NSDate *today;

    id bar;
}

@property (nonatomic, retain) NSDate *today;

- (void)doAction;

//Private
- (void)privateAction;

@end
```

```
#import "AnObject.h"

@implementation AnObject

@synthesize today;

- (void)doAction {
    NSLog(@"[win]");
}

- (void)privateAction {
    //Don't touch this [stare]
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@end
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No more!

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OBJ-C LITERALS

NSArray

```
NSArray *array = @[@"Test", object];
```

NSNumber

```
NSNumber *number = @3.5;
```

```
NSNumber *number = @YES;
```

NSDictionary

```
NSDictionary *dict = @{  
    key : value,  
    number : array  
};
```

Object Subscripting

```
id object = array[0];  
id value = dict["@key"];  
  
array[1] = value;  
dict["@key"] = object;
```

C++ all over again?

- (id)objectForKeyedSubscript:(id)key;
- (void)setObject:(id)obj forKeyedSubscript:(id <NSCopying>)key;

- (id)objectAtIndexedSubscript:(NSUInteger)idx;
- (void)setObject:(id)obj atIndexedSubscript:(NSUInteger)idx;

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Maybe not, but be careful

BONUS : BOXED EXPRESSION

```
NSNumber *number = @(value - 10);
```

```
NSNumber *enumNumber = @(NSUTF8StringEncoding);
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NSString *string = @(aCString);
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Not available in the current build