



# iOS Development

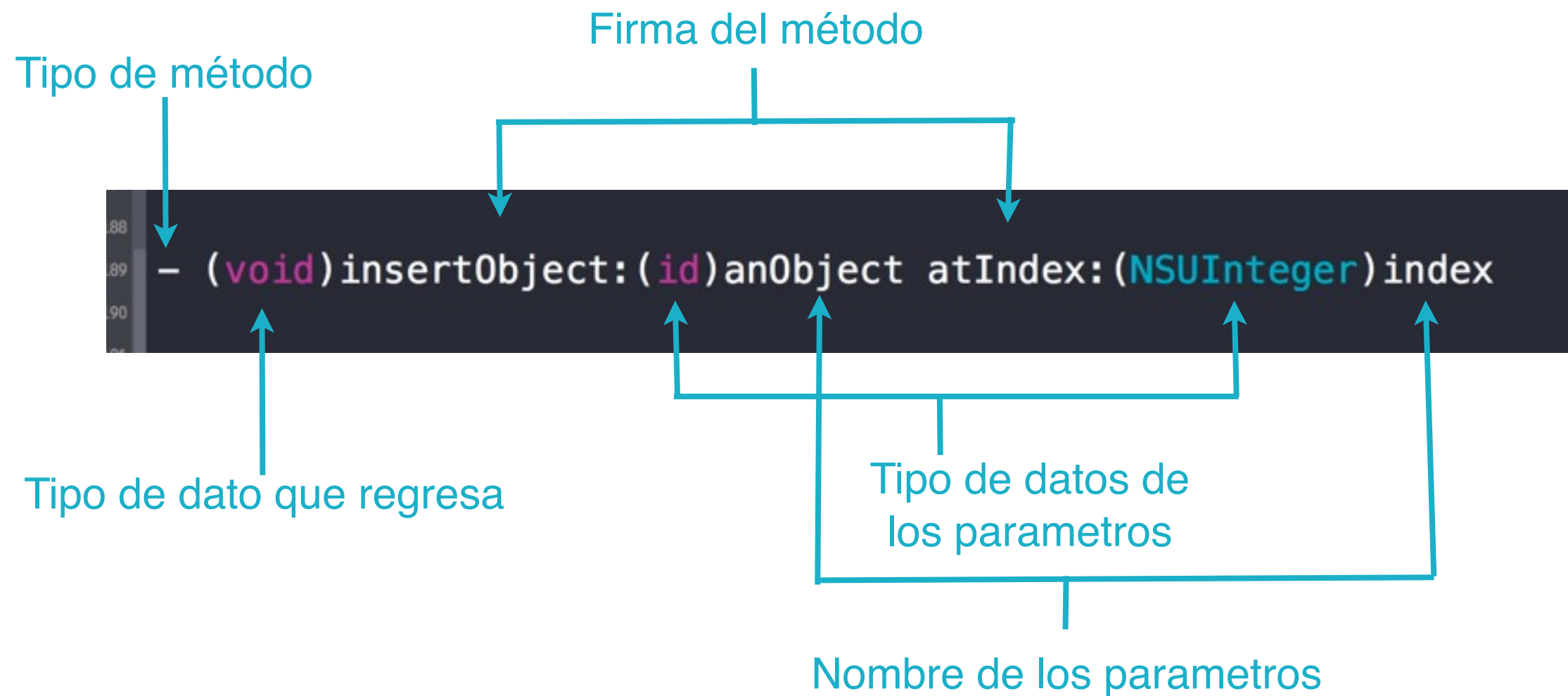
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# Metas de la Clase

- NSURLSession
- Continuación Demo - Construyendo MejorandoApp

# Metodo signature



# Enviar un mensaje a un método

```
[myArray insertObject:anObject atIndex:0];
```

# NSURLSession

- Cada release de iOS contiene nuevas API's de Networking.
- En iOS7 Apple introduce NSURLSession
- NSURLSession es una suite de clases que reemplazan NSURLConnection

# ¿Por que usar NSURLSession?

- Background uploads y downloads
- Habilidad de pausar y resumir operaciones de networking.
- Contenedor configurable
- Uploads y downloads por medio del sistema de archivos

# Nuestro código - explained

```
@interface ViewController ()
    @property (strong, nonatomic) NSURLSession *session;
    @property (strong, nonatomic) NSURLSessionConfiguration *sessionConfiguration;
@end
```

```
- (void)viewDidLoad
{
    [super viewDidLoad];
    self.menuItems = [[NSMutableArray alloc] init];

    NSURL *url = [NSURL URLWithString:@"http://mejorandoios.herokuapp.com/api/courses/all"];
    NSURLRequest *request = [NSURLRequest requestWithURL:url];

    self.sessionConfiguration = [NSURLSessionConfiguration defaultSessionConfiguration];
    self.session = [NSURLSession sessionWithConfiguration:self.sessionConfiguration];
    NSURLSessionDataTask *task = [self.session dataTaskWithRequest:request completionHandler:^(NSData *data, NSURLResponse *response, NSError *error) {
        NSHTTPURLResponse *urlResponse = (NSHTTPURLResponse *)response;
        if(urlResponse.statusCode == 200){
            [self handleResults:data];
        }
    }];
    [task resume];
}
```

# Nuestro código - explained

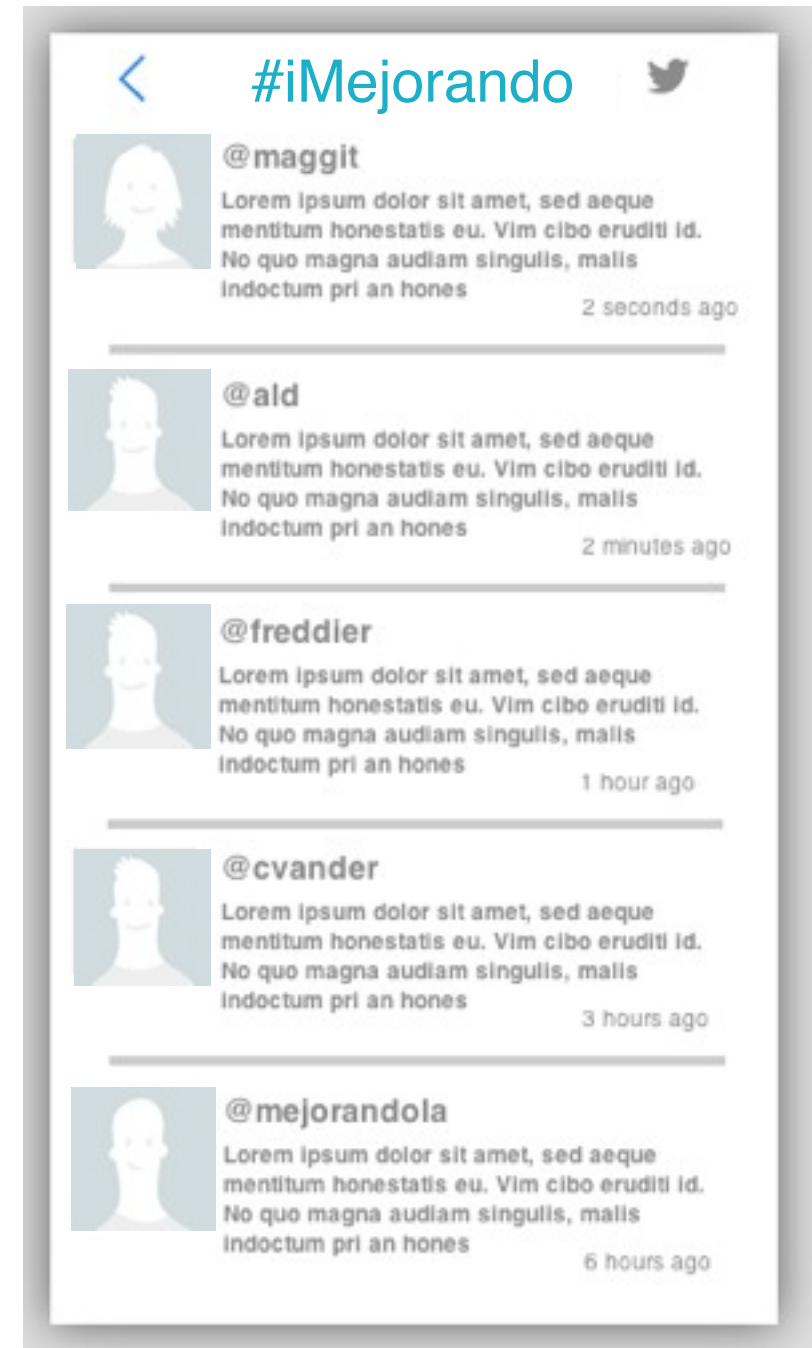
```
- (void)handleResults:(NSData*)data{
    NSError *jsonError;
    NSDictionary *response = [NSJSONSerialization JSONObjectWithData:data options:NSJSONReadingAllowFragments error:&jsonError];
    if(response){
        for (NSDictionary *dataDictionary in response[@"data"]) {
            [self.menuItems addObject:dataDictionary];
        }
        dispatch_async(dispatch_get_main_queue(), ^{
            [self.someCollectionView reloadData];
        });
    }
}
```



# Grand Central Dispatch

```
dispatch_async(dispatch_get_main_queue(), ^{  
    NSLog(@"Hello, World!");  
});
```

Demo 



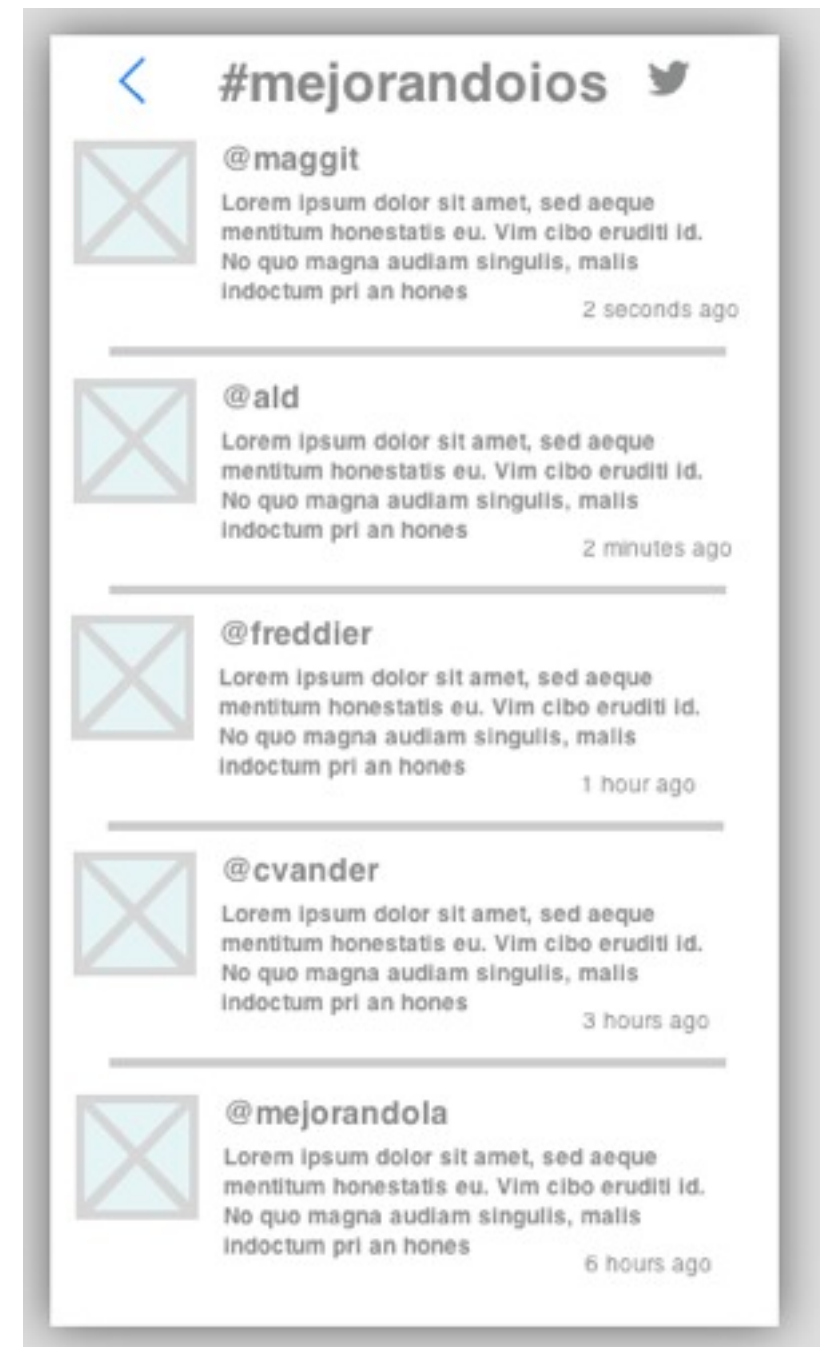
MVP



# Todo List



# Todo List



# Preguntas



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