

Opening an MKMapItem in Apple Maps

MapLoadViewController.m

```
- (void)openInAppleMaps:(id)sender {  
    double lat = [self.mapLocations[0][@"lat"] doubleValue];  
    double lng = [self.mapLocations[0][@"lng"] doubleValue];  
  
    CLLocationCoordinate2D coord = CLLocationCoordinate2DMake(lat, lng);  
  
    MKPlacemark *placemark = [[MKPlacemark alloc] initWithCoordinate:coord  
                                                                    addressDictionary:nil];  
  
    MKMapItem *mapItem = [[MKMapItem alloc] initWithPlacemark:placemark];  
  
    mapItem.name = self.mapLocations[0][@"name"];  
  
    [mapItem openInMapsWithOptions:nil];  
}
```

List of MKMapItem launch options



```
[mapItem openInMapsWithLaunchOptions:@{ }];
```

Launch options (NSDictionary)

key	value
MKLaunchOptionsMapTypeKey	MKMapTypeStandard (@0) MKMapTypeSatellite (@1) MKMapTypeHybrid (@2)
MKLaunchOptionsMapCenterKey	CLLocationCoordinate2D (NSValue)
MKLaunchOptionsMapSpanKey	MKCoordinateSpan (NSValue)
MKLaunchOptionsShowsTrafficKey	BOOL (@YES or @NO)
MKLaunchOptionsDirectionsModeKey	MKLaunchOptionsDirectionsModeDriving MKLaunchOptionsDirectionsModeWalking

Opening an MKMapItem with multiple options

```
[mapItem openInMapsWithOptions:@{
    MKLaunchOptionsMapTypeKey: @2,
    MKLaunchOptionsMapCenterKey: [NSValue
        valueForKeyWithMKCoordinate:placemark.coordinate],
    MKLaunchOptionsShowsTrafficKey: @YES}];
```

- Hybrid map display
- Centered on the placemark
- Showing traffic

