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//
//  ViewController.swift
//  KVO_cancel
//
//  Created by Vincenzo Stira on 29/04/16.
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//

import UIKit

class MyClass: NSObject {
    dynamic var date = NSDate()
}

private var myContext = 0

class ViewController: UIViewController {

    var myObject: MyClass!

    override func viewDidLoad() {
        super.viewDidLoad()
        // Do any additional setup after loading the view, typically
        // from a nib.
        myObject = MyClass()
        print("MyClass init. Date: \(myObject.date)")
        myObject.addObserver(self,
                               forKeyPath: "date",
                               options: .New,
                               context: &myContext)

        let delay = 4.5 * Double(NSEC_PER_SEC)
        let time = dispatch_time(DISPATCH_TIME_NOW, Int64(delay))
        dispatch_after(time, dispatch_get_main_queue()) {

            self.myObject.date = NSDate()
        }
    }

    override func didReceiveMemoryWarning() {
        super.didReceiveMemoryWarning()
        // Dispose of any resources that can be recreated.
    }

    override func observeValueForKeyPath(keyPath: String?, ofObject
        object: AnyObject?, change: [String : AnyObject]?, context:
        UnsafeMutablePointer<Void>) {

        if context == &myContext {
            print("Date is changed. \(change![NSKeyValueChangeNewKey])")
        }
    }
}
```

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}
```