Desarrollo de Apps para iOS
Internacionalización y Localización

IWEB,LSWC 2013-2014
Santiago Pavón

ver: 2012.10.17 p1

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Metodología Antigua

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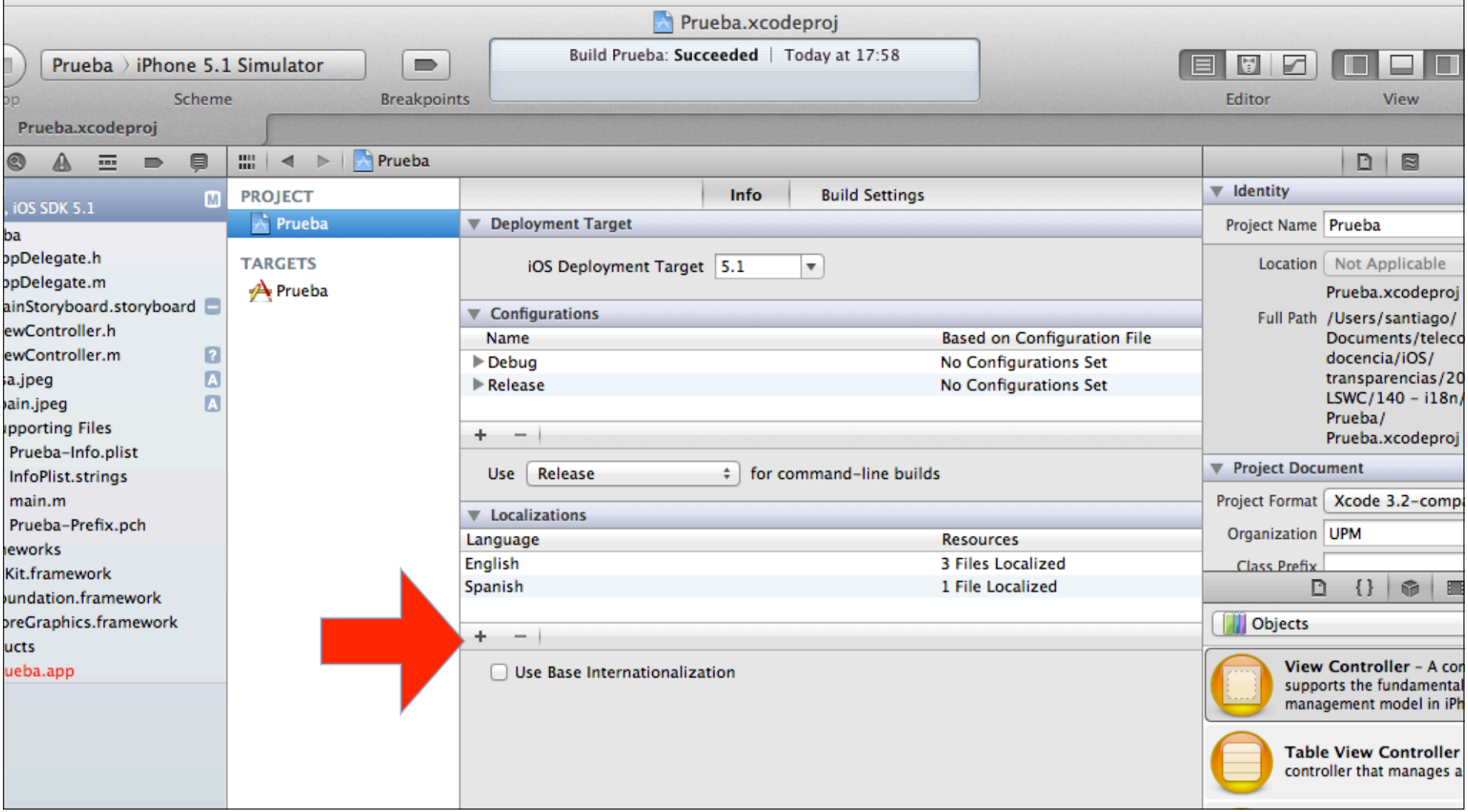
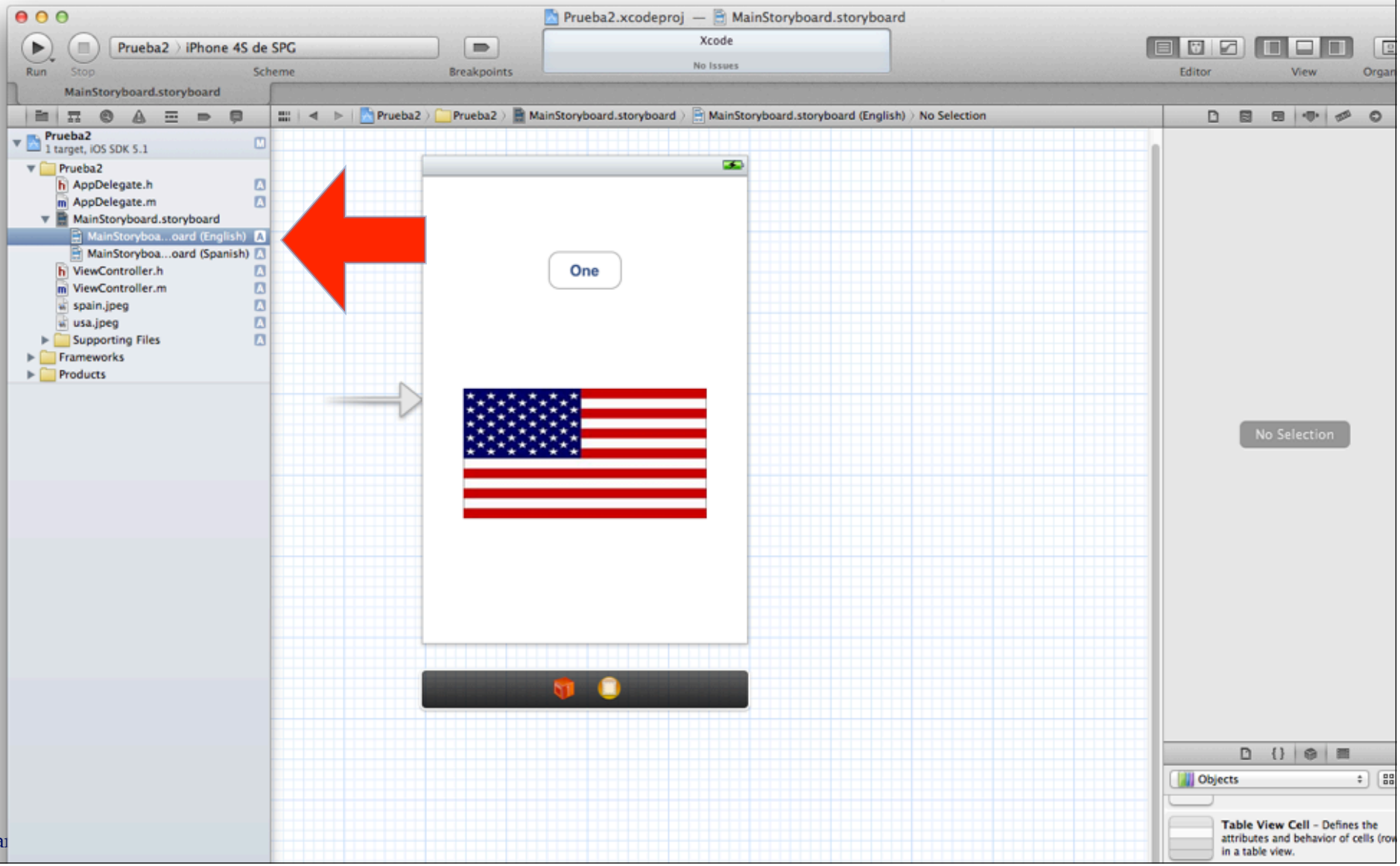
Añadir localizaciones a un proyecto



Storyboards localizados



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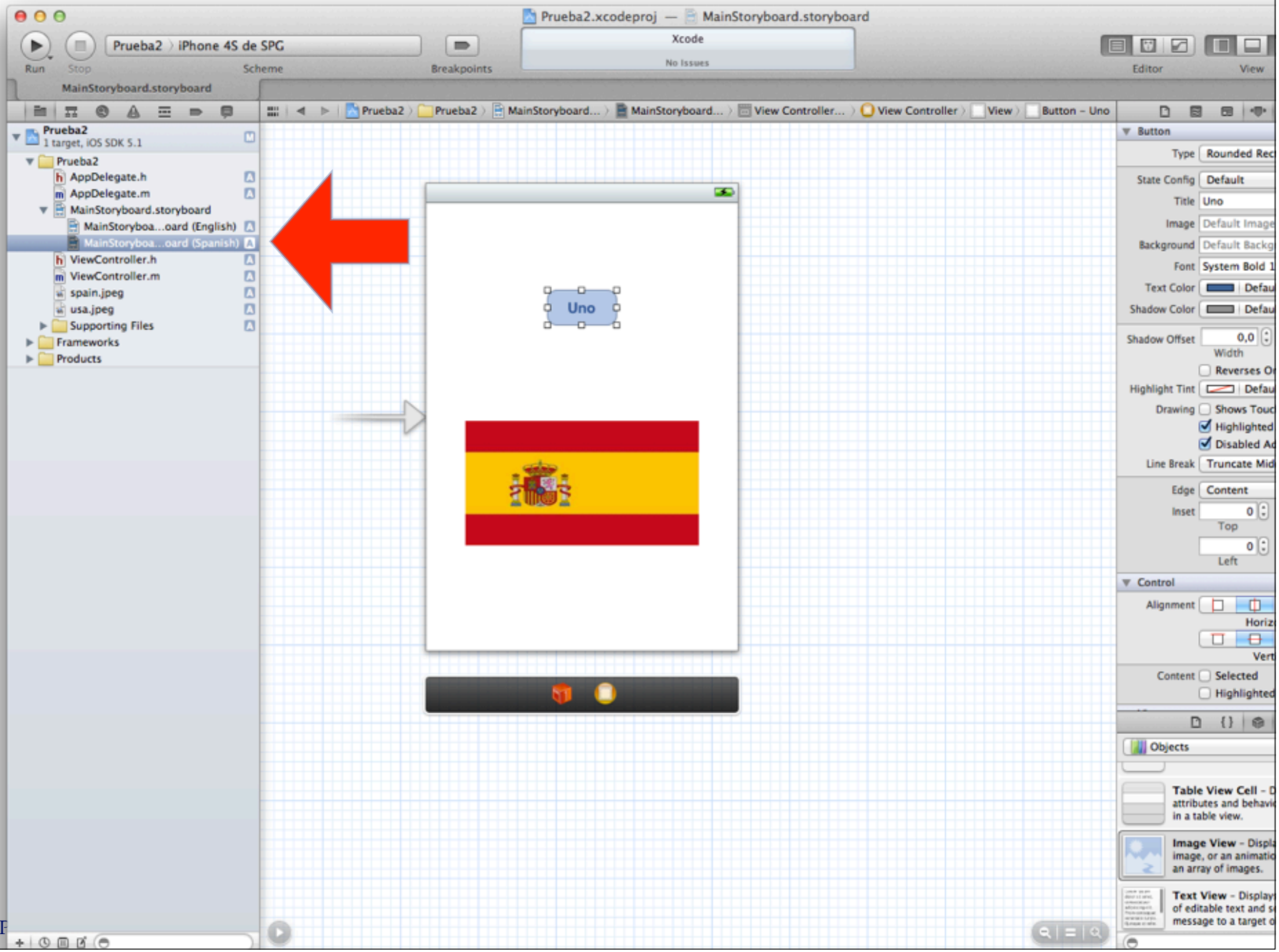
Prueba2.xcodeproj — MainStoryboard.storyboard
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Shadow Color
Shadow Offset
Highlight Tint
Drawing
Line Break
Edge
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Inset
Top
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Control
Alignment
Content
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Highlighted
Objects
Table View Cell
Image View
Text View

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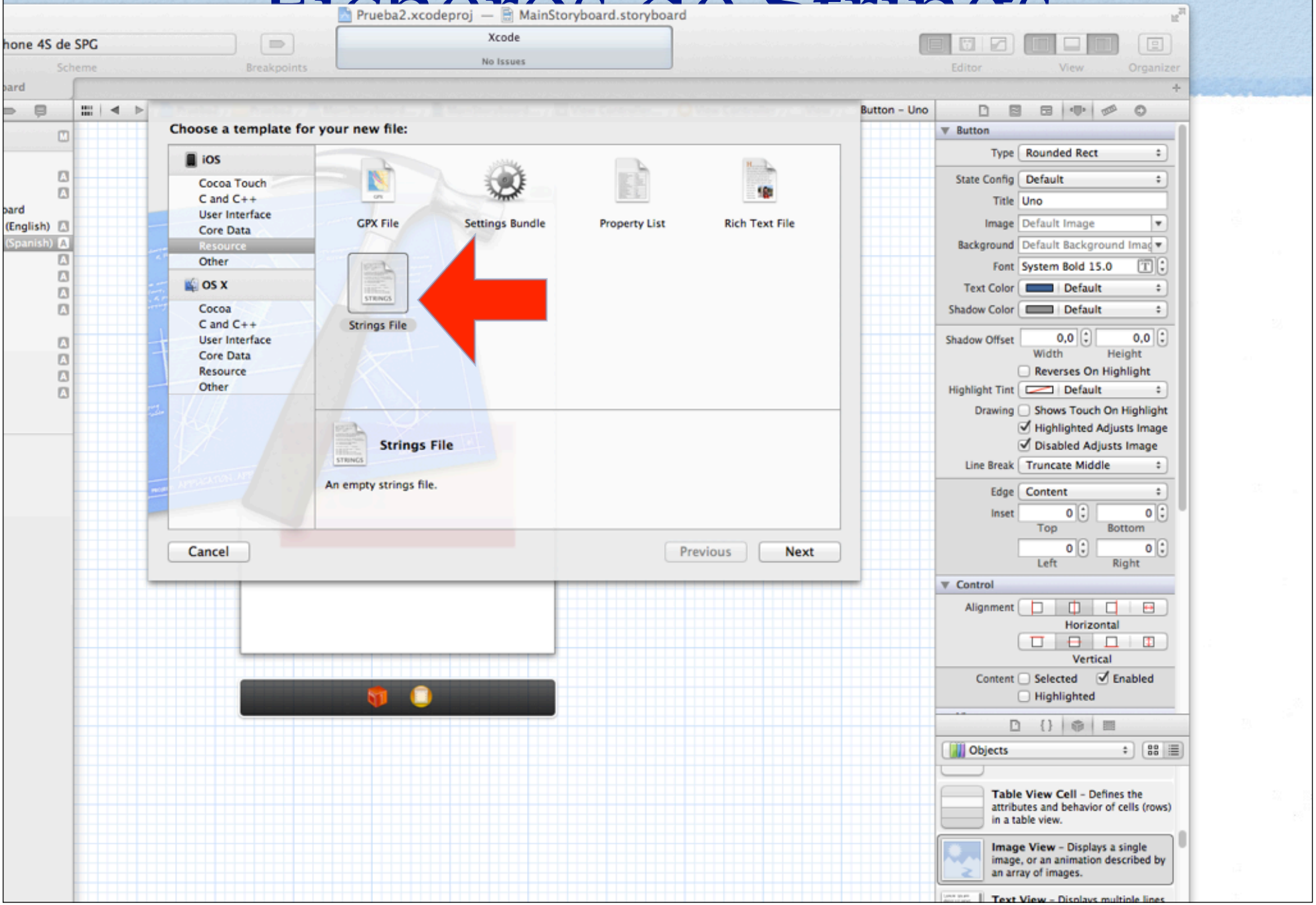
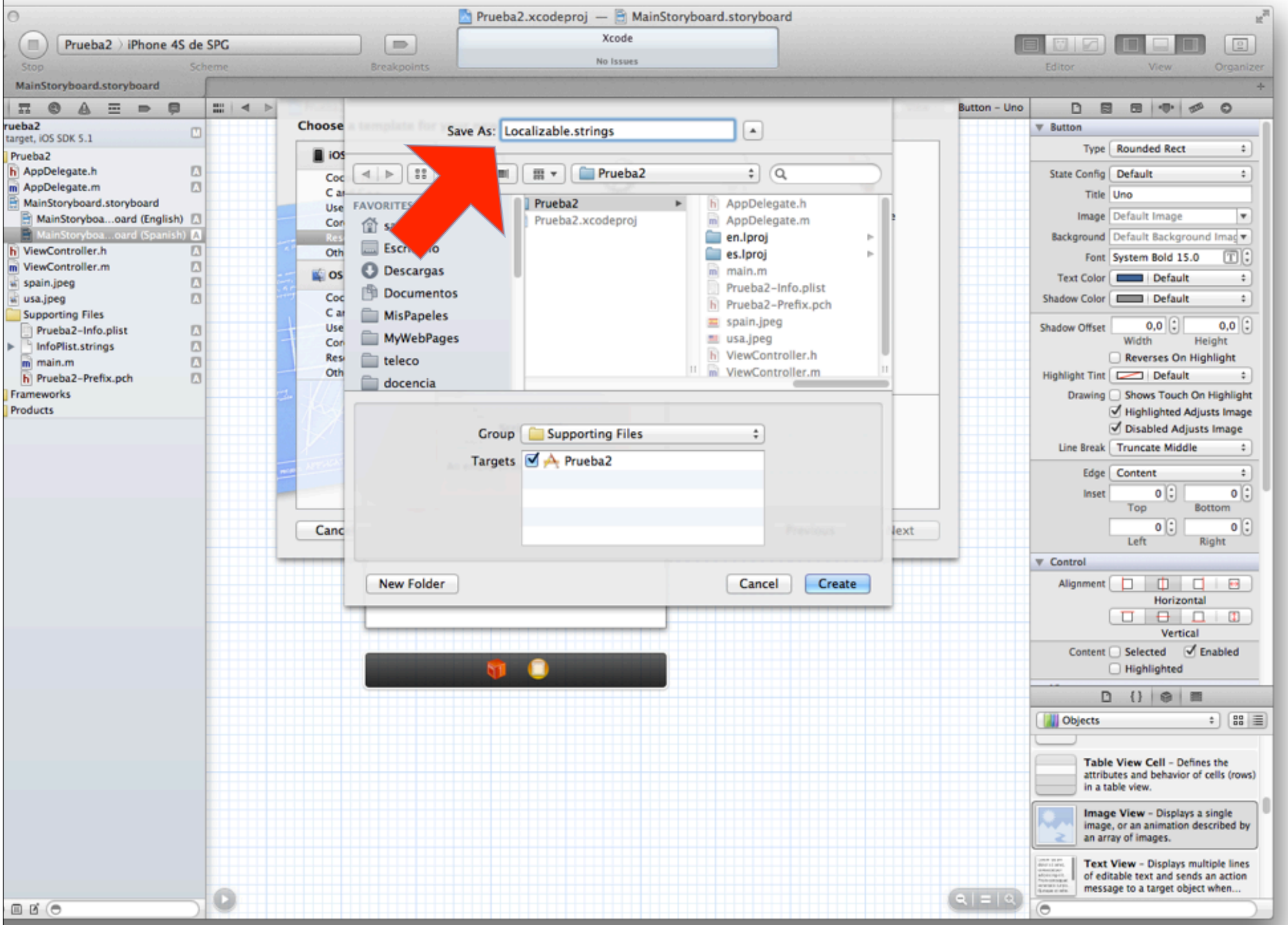
Ficheros de Strings





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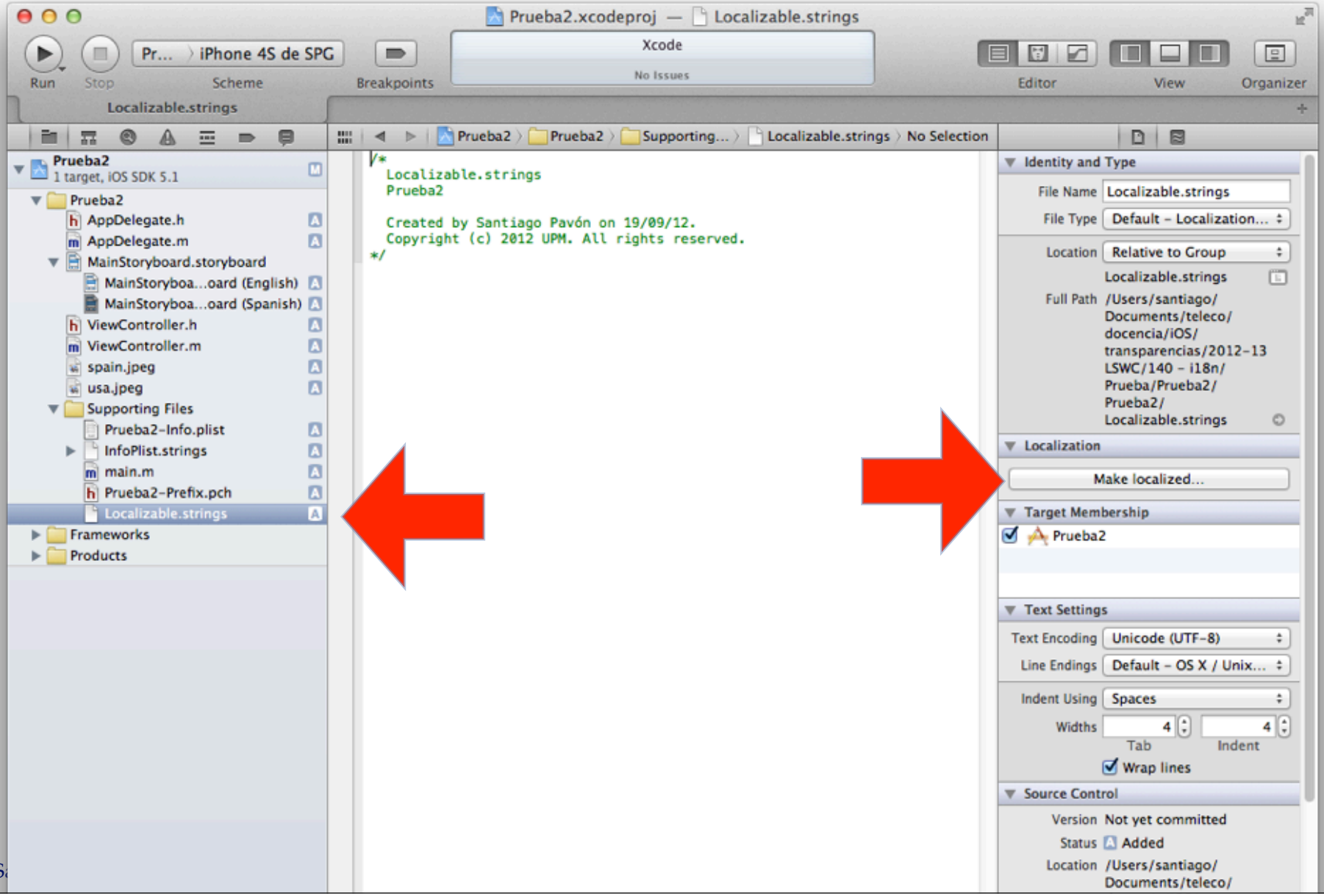
Prueba2.xcodeproj — Localizable.strings
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MainStoryboa...oard (Spanish)
ViewController.h
ViewController.m
spain.jpeg
usa.jpeg
Supporting Files
Prueba2-Info.plist
InfoPlist.strings
main.m
Prueba2-Prefix.pch
Localizable.strings
Frameworks
Products
/*
Localizable.strings
Prueba2
Created by Santiago Pavón on 19/09/12.
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*/
Identity and Type
File Name Localizable.strings
File Type Default - Localization...
Location Relative to Group
Localizable.strings
Full Path /Users/santiago/Documents/teleco/docencia/iOS/transparencias/2012-13 LSWC/140 - i18n/Prueba/Prueba2/Prueba2/Localizable.strings
Localization
Make localized...
Target Membership
Prueba2
Text Settings
Text Encoding Unicode (UTF-8)
Line Endings Default - OS X / Unix...
Indent Using Spaces
Widths 4 4
Tab Indent
Wrap lines
Source Control
Version Not yet committed
Status Added
Location /Users/santiago/Documents/teleco/

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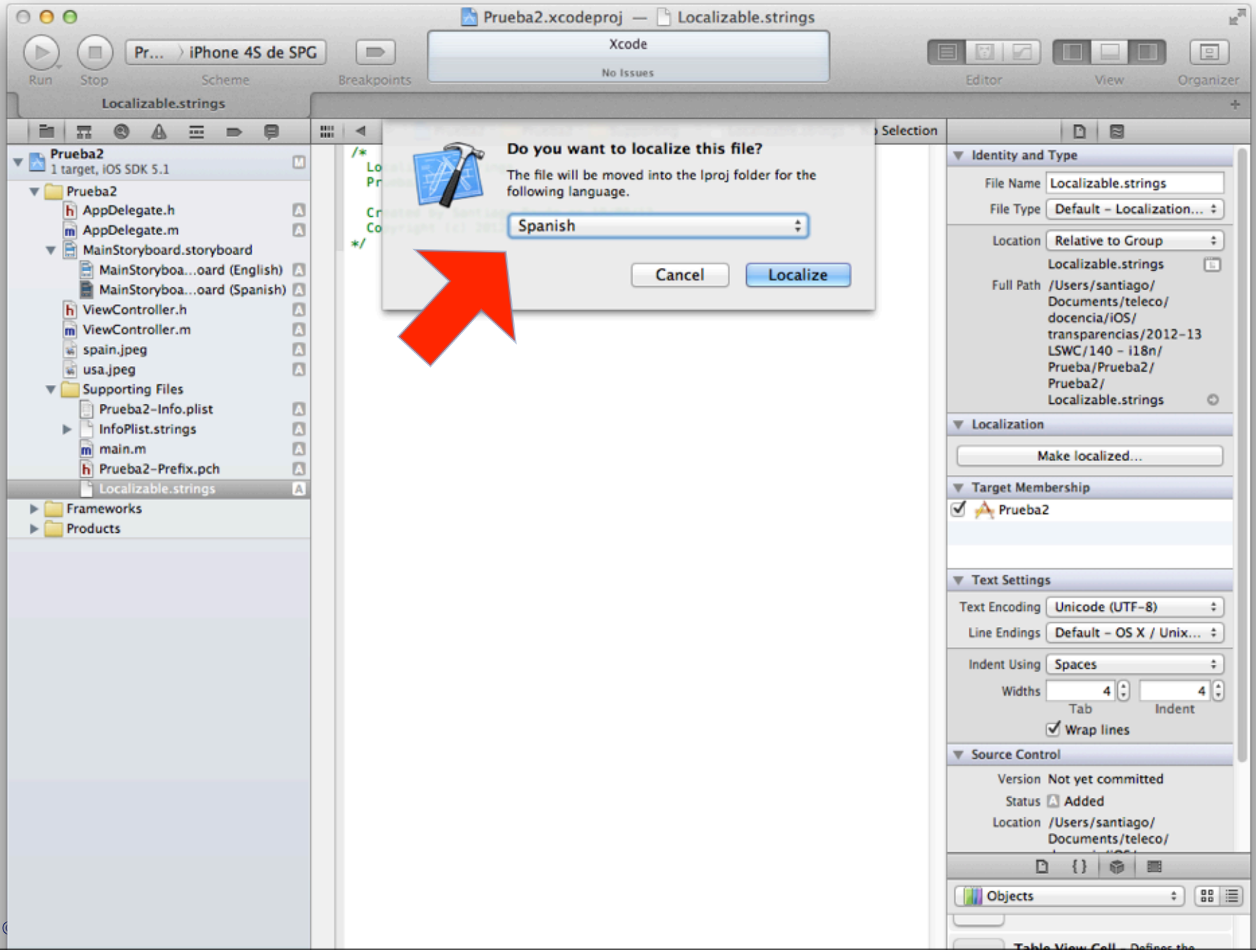
Prueba2.xcodeproj — Localizable.strings
Run
Stop
Pr... iPhone 4S de SPG
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Localizable.strings
Do you want to localize this file?
The file will be moved into the lproj folder for the following language.
Spanish
Cancel
Localize
Prueba2
1 target, iOS SDK 5.1
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File Name Localizable.strings
File Type Default – Localization...
Location Relative to Group
Localizable.strings
Full Path /Users/santiago/Documents/teleco/docencia/iOS/transparencias/2012-13 LSWC/140 - i18n/Prueba/Prueba2/Prueba2/Localizable.strings
Localization
Make localized...
Target Membership
Prueba2
Text Settings
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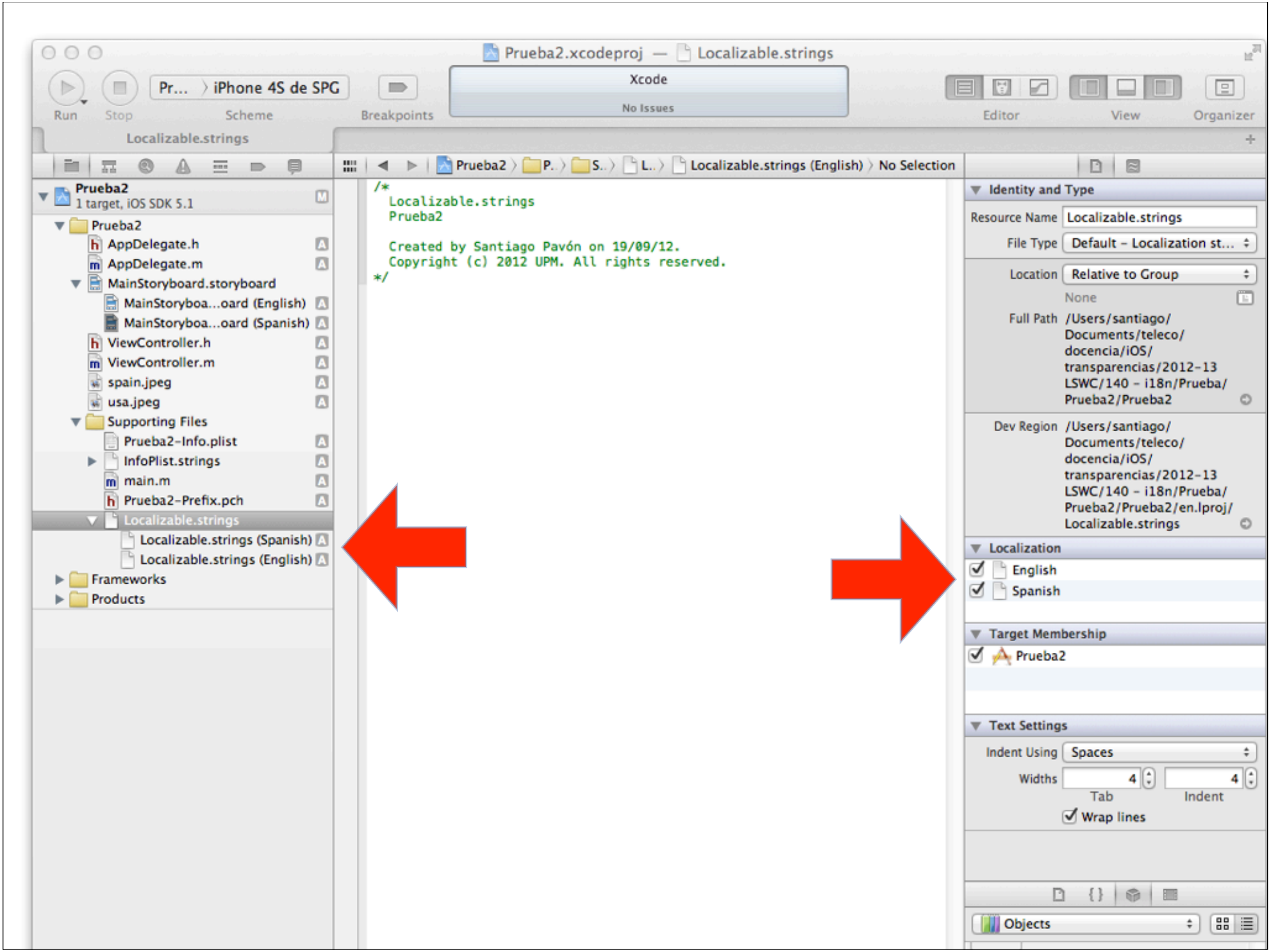
Line Endings Default – OS X / Unix...
Indent Using Spaces
Widths 4 Tab 4 Indent
Wrap lines
Source Control
Version Not yet committed
Status Added
Location /Users/santiago/Documents/teleco/
Objects


Prueba2.xcodeproj — Localizable.strings
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Localizable.strings
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Localizable.strings (English)
Frameworks
Products
/*
Localizable.strings
Prueba2
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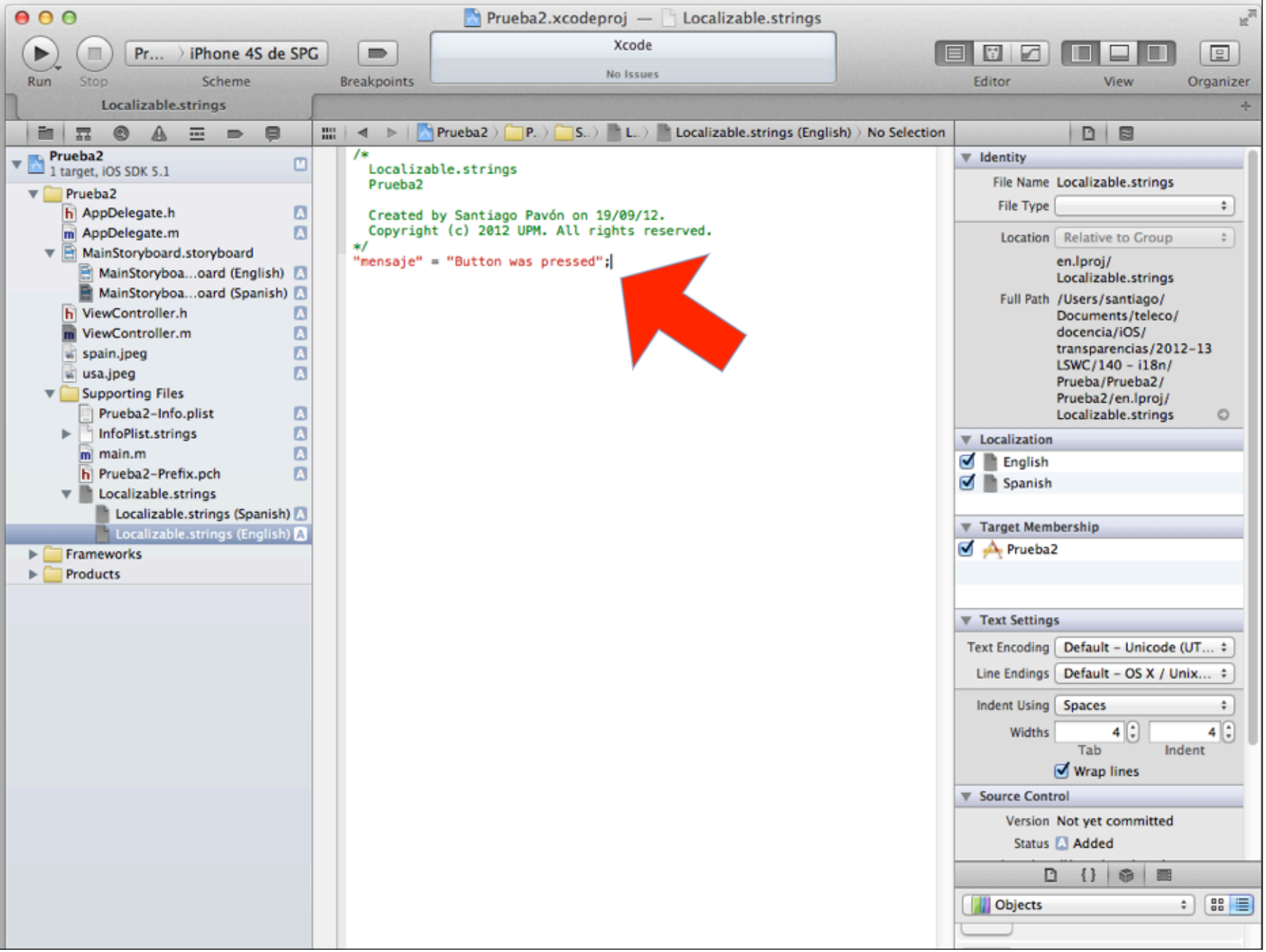
*/
Identity and Type
Resource Name Localizable.strings
File Type Default - Localization st...
Location Relative to Group
None
Full Path /Users/santiago/Documents/teleco/docencia/iOS/transparencias/2012-13 LSWC/140 - i18n/Prueba/Prueba2/Prueba2
Dev Region /Users/santiago/Documents/teleco/docencia/iOS/transparencias/2012-13 LSWC/140 - i18n/Prueba/Prueba2/Prueba2/en.lproj/Localizable.strings
Localization
English
Spanish
Target Membership
Prueba2
Text Settings
Indent Using Spaces
Widths 4 4
Tab Indent
Wrap lines
Objects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Localizable.strings (Spanish)
Localizable.strings (English)
Frameworks
Products
/*
Localizable.strings
Prueba2
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*/
"mensaje" = "Button was pressed";
Identity
File Name Localizable.strings
File Type
Location Relative to Group
en.lproj/
Localizable.strings
Full Path /Users/santiago/
Documents/teleco/
docencia/iOS/
transparencias/2012-13
LSWC/140 - i18n/
Prueba/Prueba2/
Prueba2/en.lproj/
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Prueba2
Text Settings
Text Encoding Default - Unicode (UT...
Line Endings Default - OS X / Unix...
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Widths 4 4
Tab Indent
Wrap lines
Source Control
Version Not yet committed
Status Added
Objects

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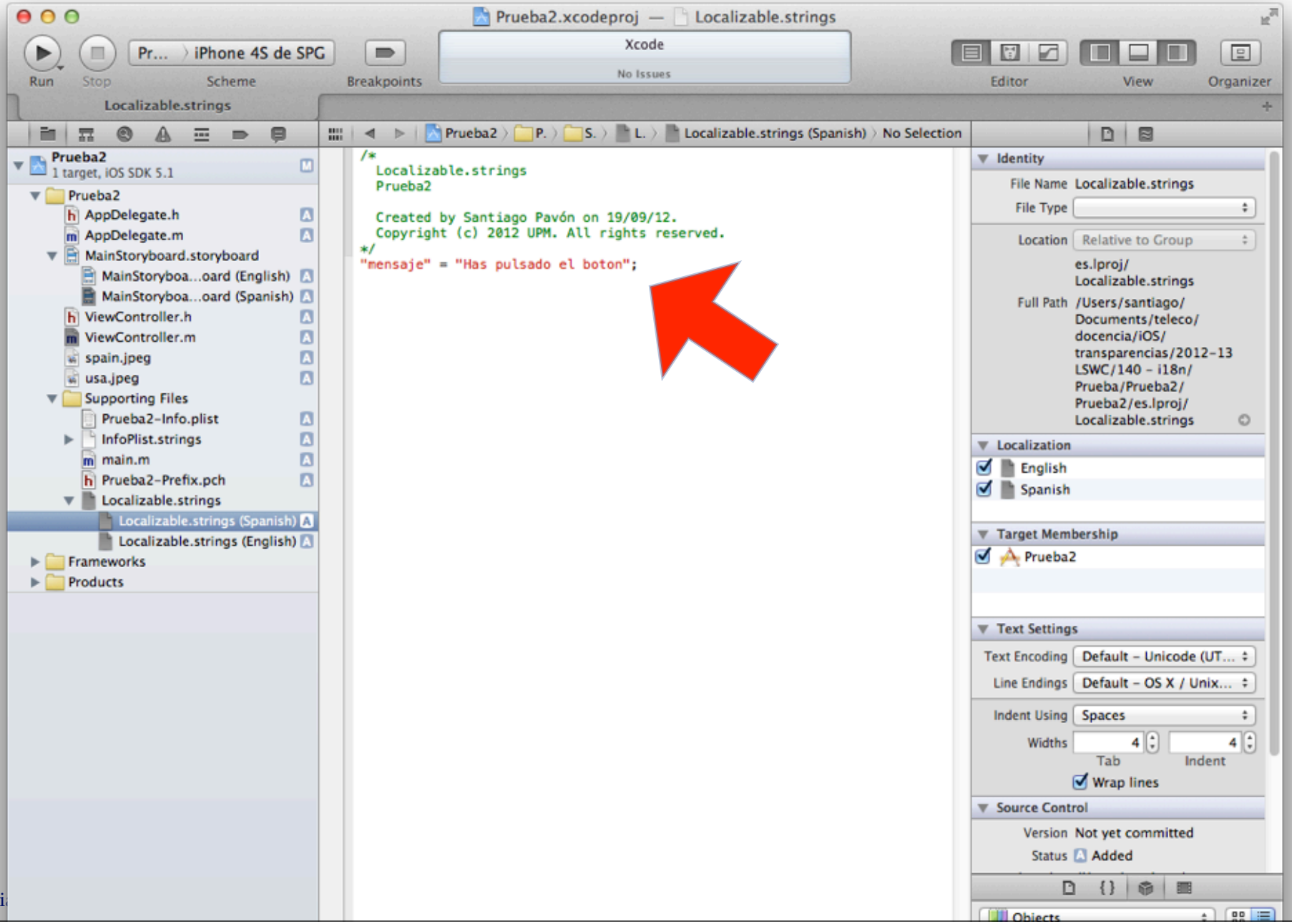
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/*
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Prueba2
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*/
"mensaje" = "Has pulsado el boton";
Identity
File Name Localizable.strings
File Type
Location Relative to Group
es.lproj/
Localizable.strings
Full Path /Users/santiago/
Documents/teleco/
docencia/iOS/
transparencias/2012-13
LSWC/140 - i18n/
Prueba/Prueba2/
Prueba2/es.lproj/
Localizable.strings
Localization
English
Spanish
Target Membership
Prueba2
Text Settings
Text Encoding Default - Unicode (UT...
Line Endings Default - OS X / Unix...
Indent Using Spaces
Widths 4 4
Tab Indent
Wrap lines
Source Control
Version Not yet committed
Status Added
Objects

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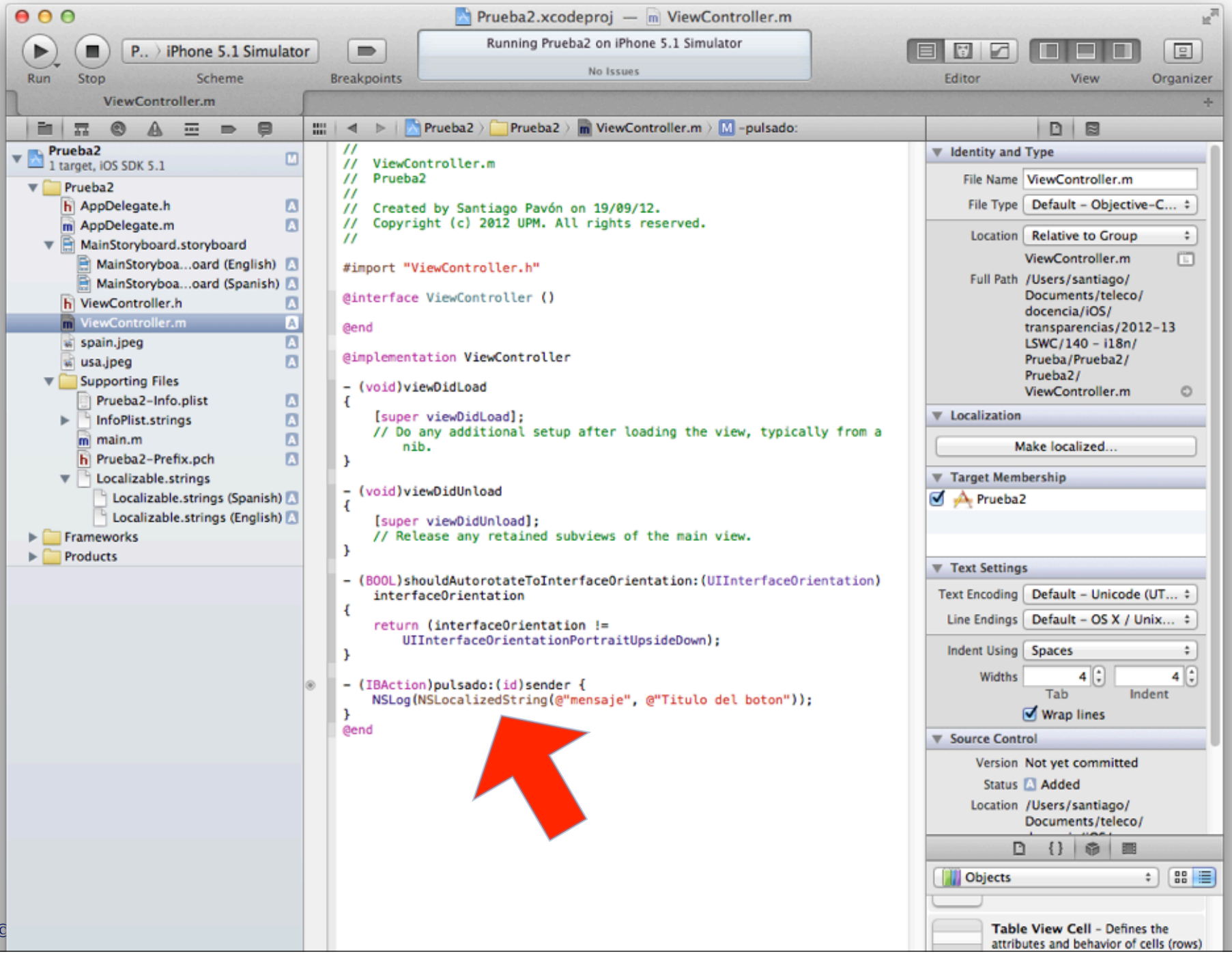
Prueba2.xcodeproj — ViewController.m
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Localizable.strings (English)
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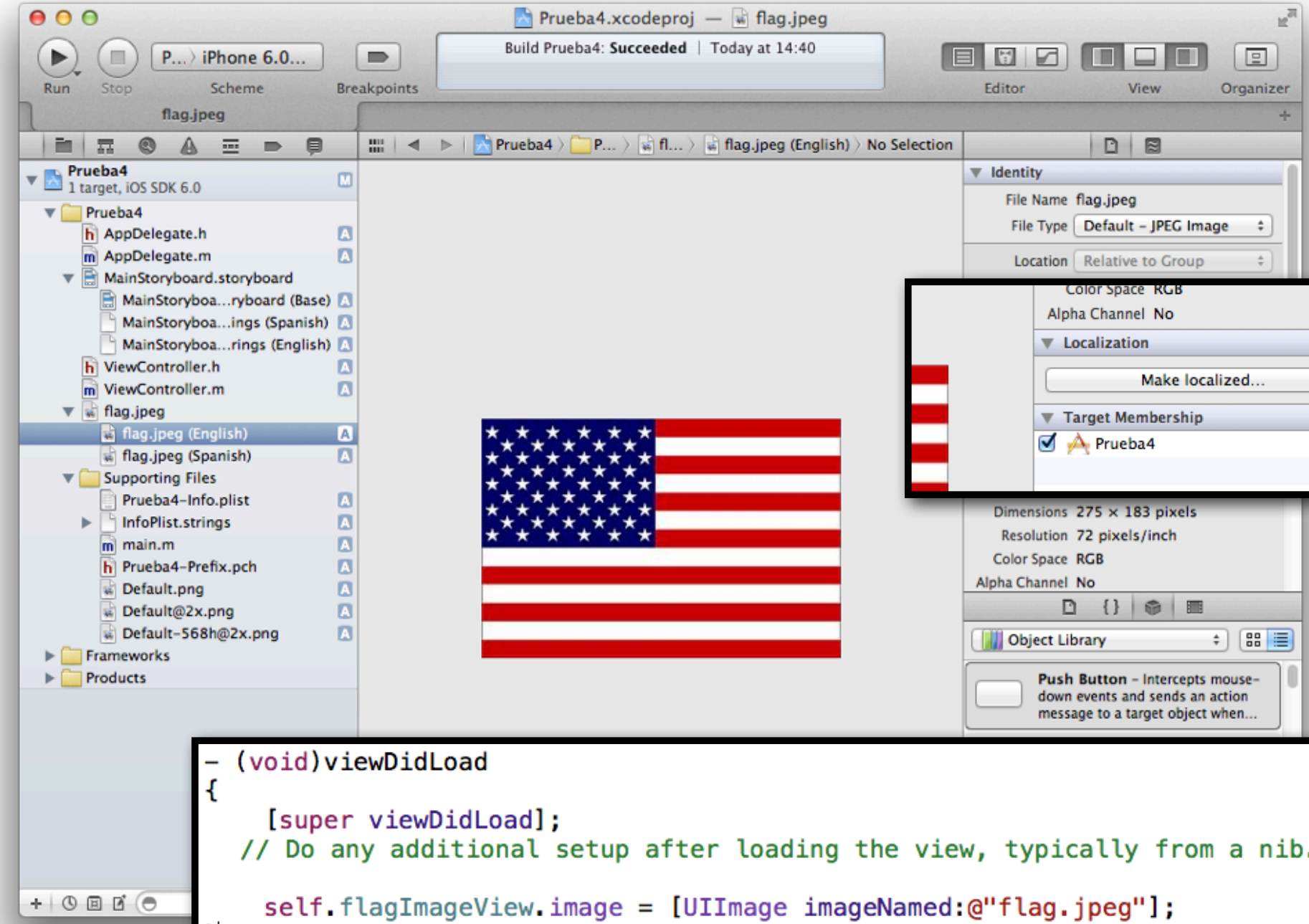
Products
Prueba2 › Prueba2 › ViewController.m › -pulsado:
//
// ViewController.m
// Prueba2
//
// Created by Santiago Pavón on 19/09/12.
// Copyright (c) 2012 UPM. All rights reserved.
//
#import "ViewController.h"
@interface ViewController ()
@end
@implementation ViewController
- (void)viewDidLoad
{
[super viewDidLoad];
// Do any additional setup after loading the view, typically from a nib.
}
- (void)viewDidUnload
{
[super viewDidUnload];
// Release any retained subviews of the main view.
}
- (BOOL)shouldAutorotateToInterfaceOrientation:(UIInterfaceOrientation) interfaceOrientation
{
return (interfaceOrientation != UIInterfaceOrientationPortraitUpsideDown);
}
- (IBAction)pulsado:(id)sender {
NSLog(NSLocalizedString(@"mensaje", @"Titulo del boton"));
}
@end
Identity and Type
File Name ViewController.m
File Type Default - Objective-C...
Location Relative to Group
ViewController.m
Full Path /Users/santiago/Documents/teleco/docencia/iOS/transparencias/2012-13 LSWC/140 - i18n/Prueba/Prueba2/Prueba2/ViewController.m
Localization
Make localized...
Target Membership
Prueba2
Text Settings
Text Encoding Default - Unicode (UT...
Line Endings Default - OS X / Unix...
Indent Using Spaces
Widths 4 4
Tab Indent
Wrap lines
Source Control
Version Not yet committed
Status Added
Location /Users/santiago/Documents/teleco/
Objects
Table View Cell - Defines the attributes and behavior of cells (rows)




```
- (void)viewDidLoad
{
    [super viewDidLoad];
  // Do any additional setup after loading the view, typically from a nib.

    self.flagImageView.image = [UIImage imageNamed:@"flag.jpeg"];
}
```

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Base Internationalization

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Usar Base Internationalization

- Sólo disponible cuando Xcode se ejecuta en Mountain Lion.
- Marcar en el proyecto Use Base Internationalization.
  - Se crea la carpeta Base.lproj
    - se mueven los ficheros base con los que queremos trabajar a esta carpeta.
      - No tienen que ser la versión inglesa.
  - Se crea un fichero de Strings en los directorios xx.lproj para cada nueva traducción soportada.
    - xx = en | es |nl | ...
- Al crear nuevas localizaciones, se crean nuevos directorio xx.lproj conteniendo los ficheros localizados.

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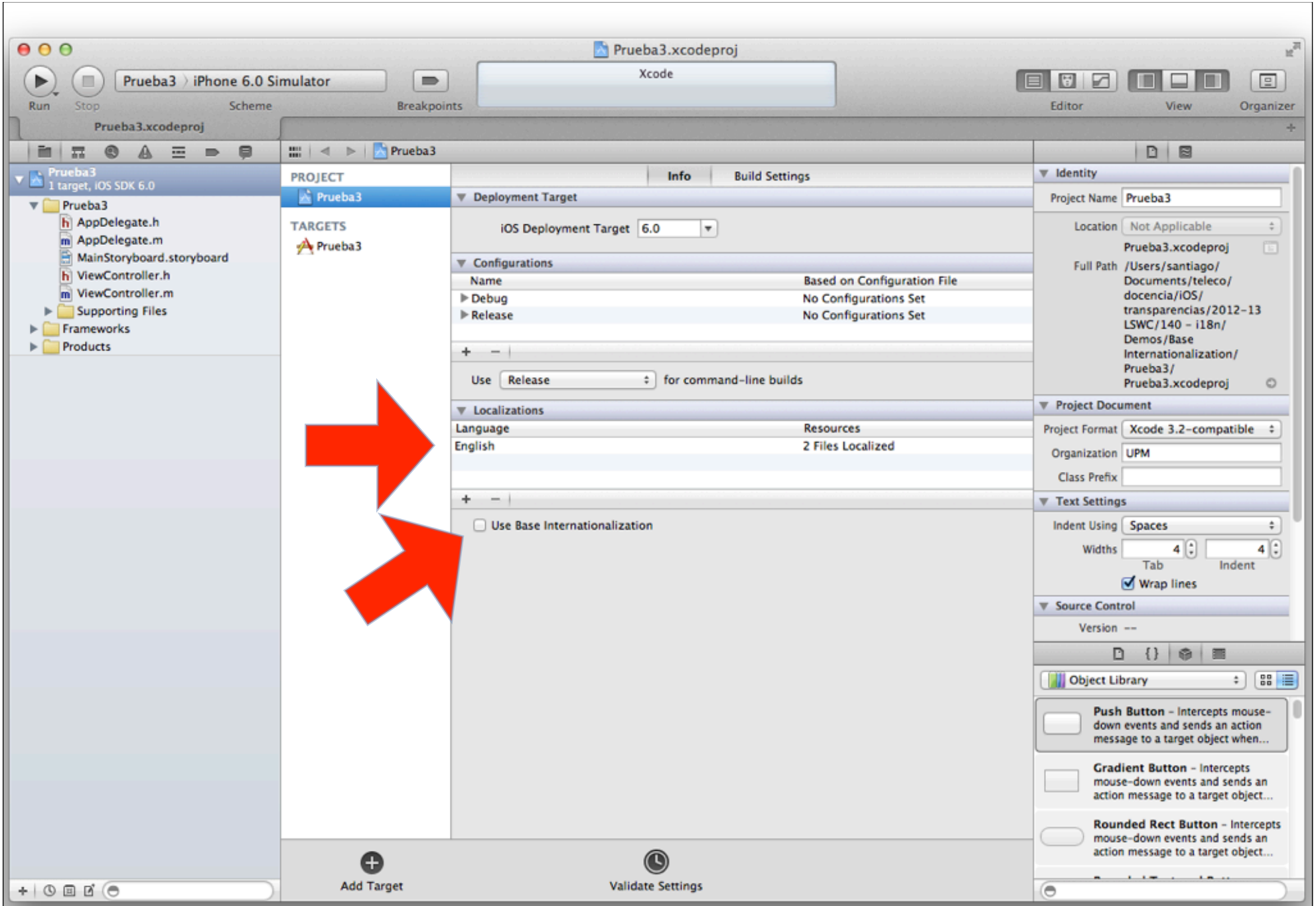

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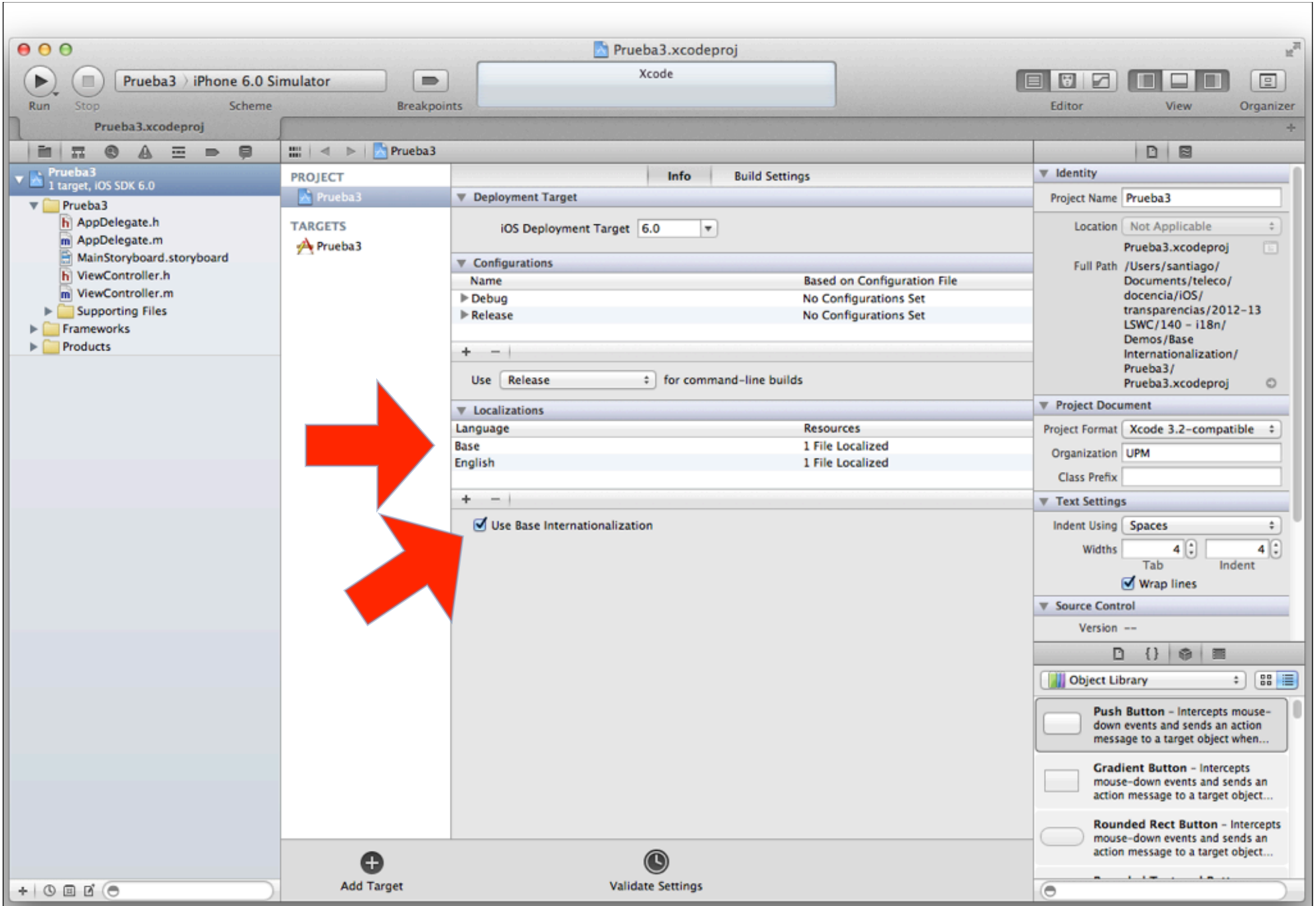

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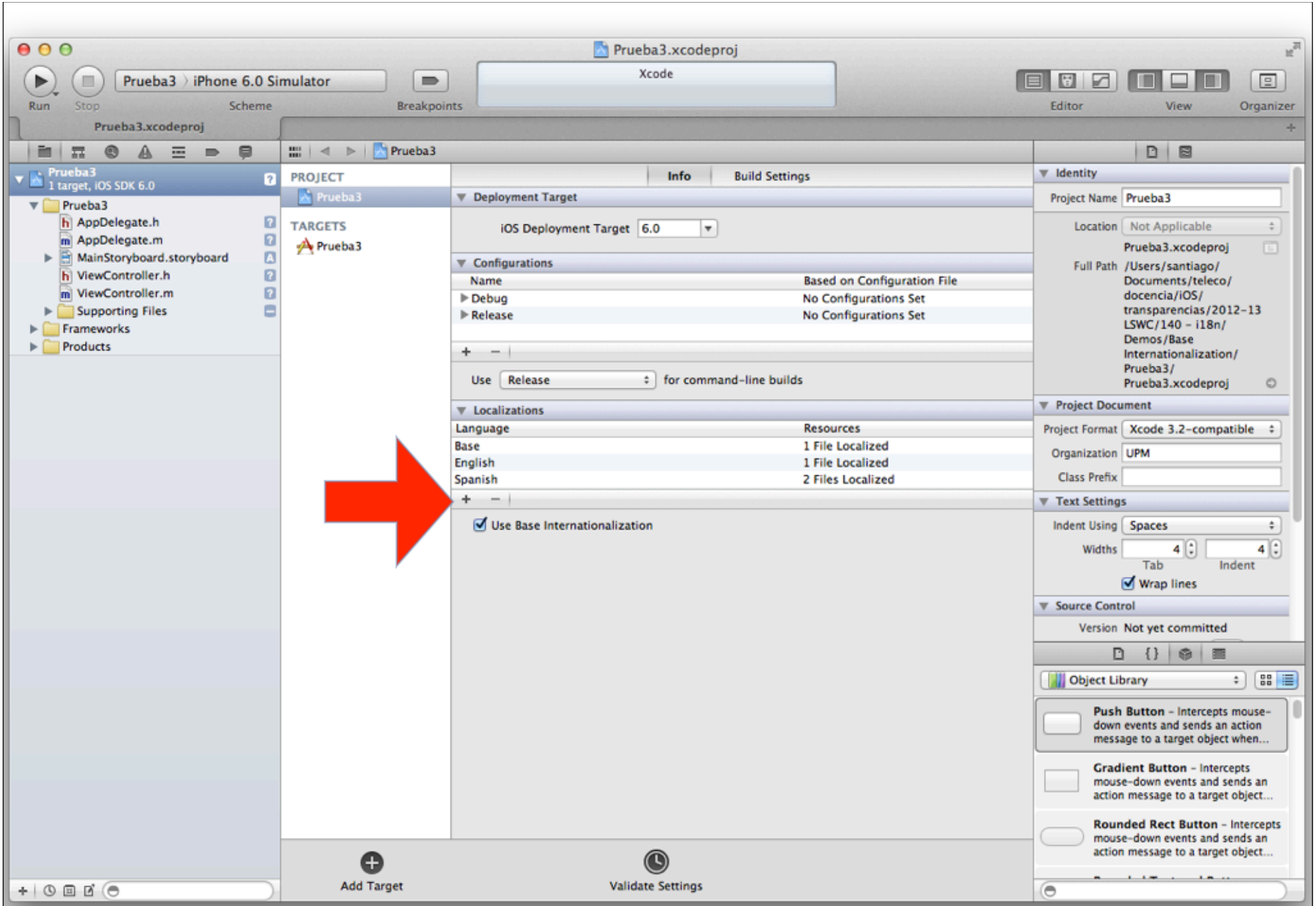

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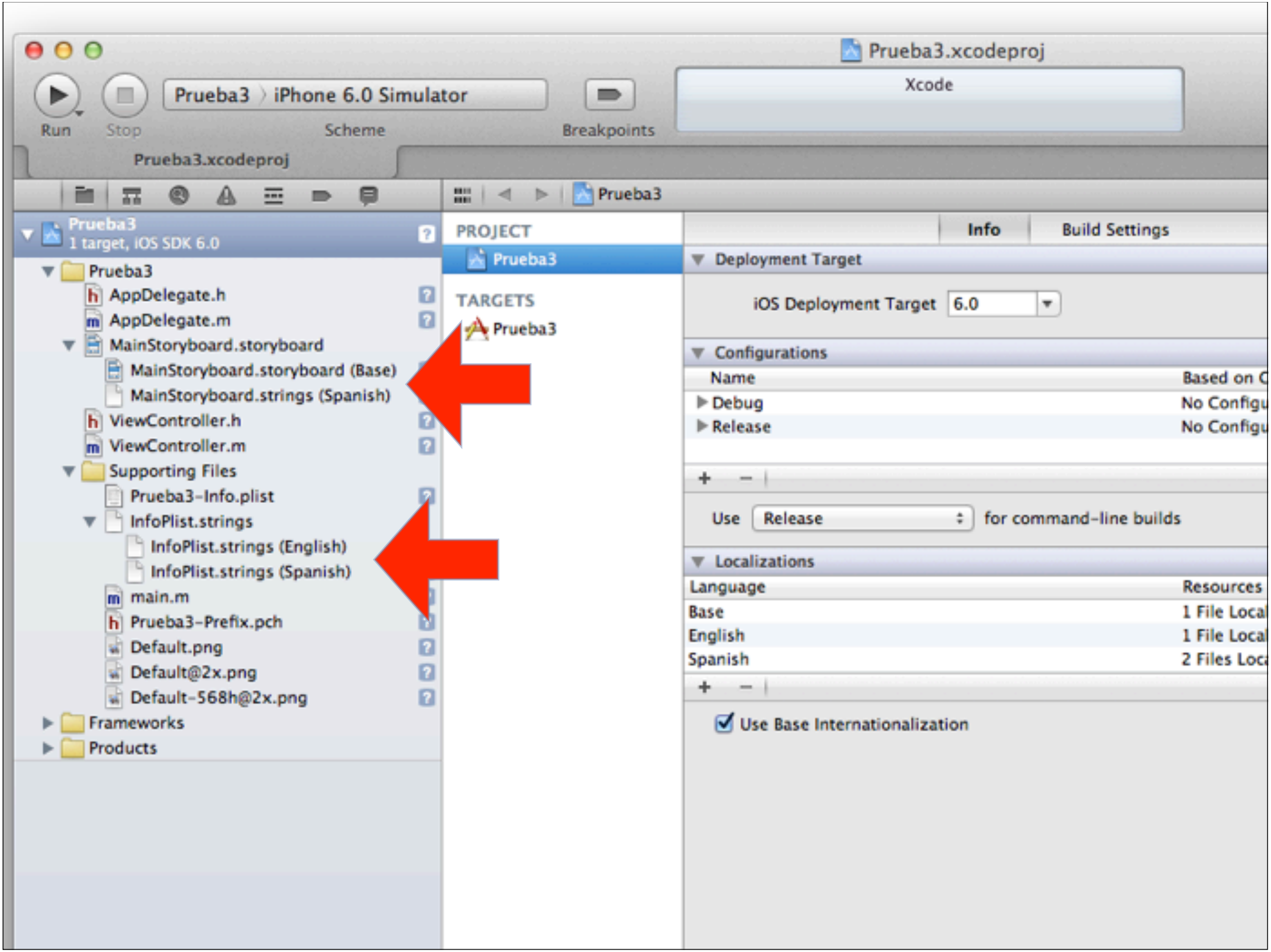
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Default@2x.png
Default-568h@2x.png
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Release
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Use
Release
for command-line builds
Localizations
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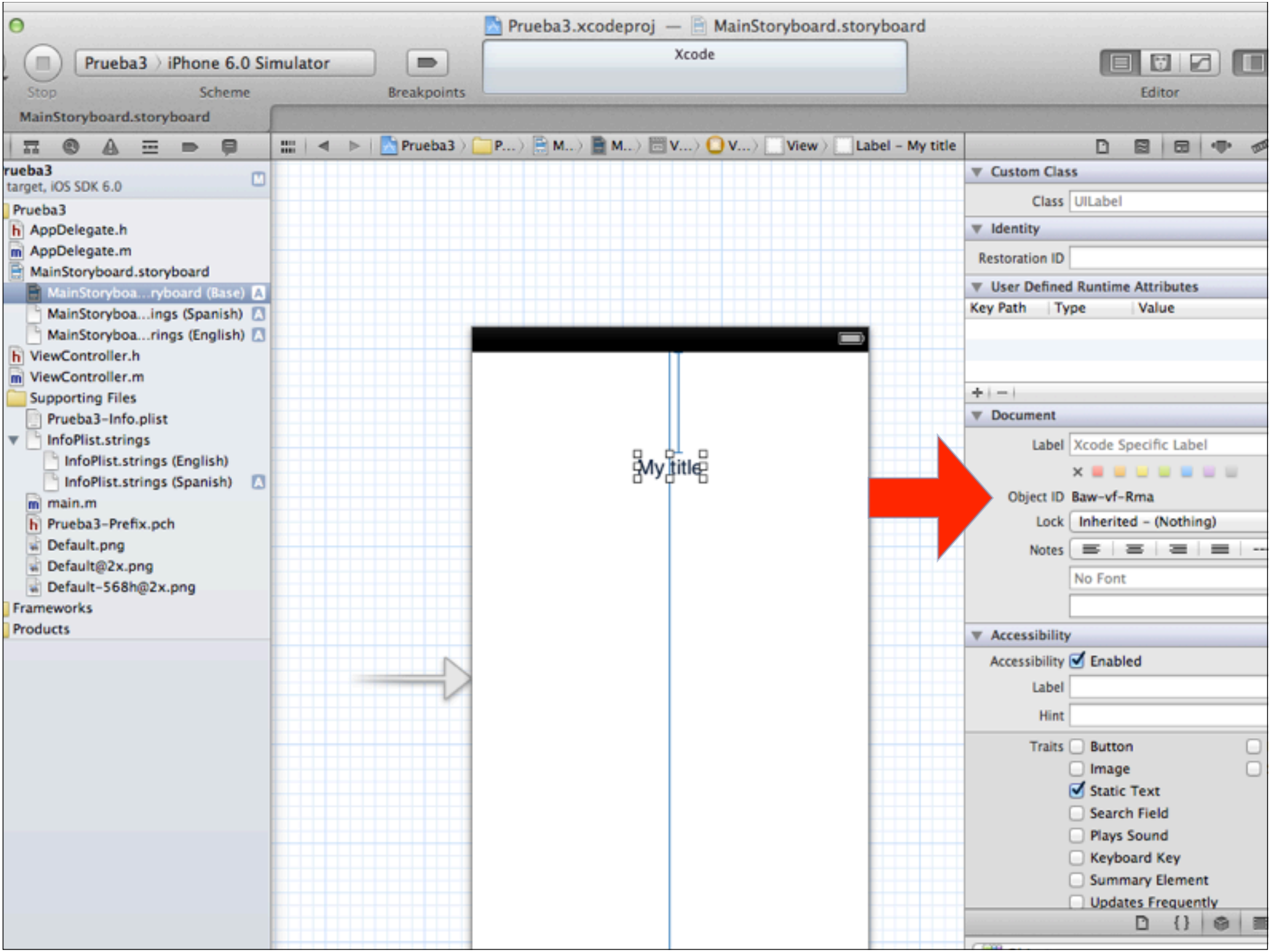
Resources
Base
1 File Local
English
1 File Local
Spanish
2 Files Loca
Use Base Internationalization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target, iOS SDK 6.0
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MainStoryboa...rings (English)
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InfoPlist.strings (Spanish)
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Prueba3-Prefix.pch
Default.png
Default@2x.png
Default-568h@2x.png
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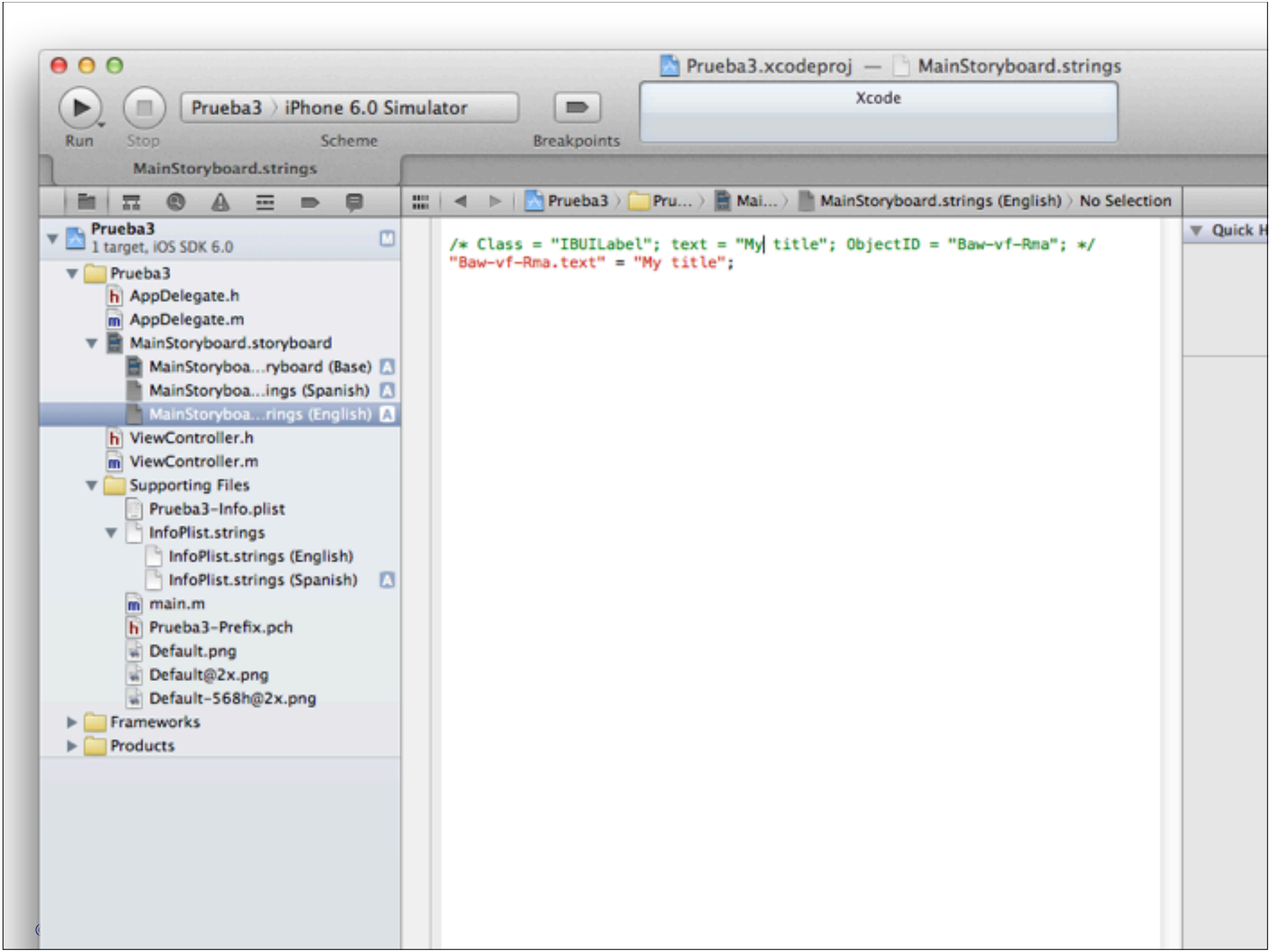
Prueba3 P... M... M... V... V... View Label – My title
My title
Custom Class
Class UILabel
Identity
Restoration ID
User Defined Runtime Attributes
Key Path Type Value
Document
Label Xcode Specific Label
Object ID Baw-vf-Rma
Lock Inherited – (Nothing)
Notes
No Font
Accessibility
Accessibility Enabled
Label
Hint
Traits Button Image Static Text Search Field Plays Sound Keyboard Key Summary Element Updates Frequently


Prueba3.xcodeproj — MainStoryboard.strings
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Prueba3 〉 iPhone 6.0 Simulator
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MainStoryboard.strings
Prueba3 〉 Pru... 〉 Mai... 〉 MainStoryboard.strings (English) 〉 No Selection
Prueba3
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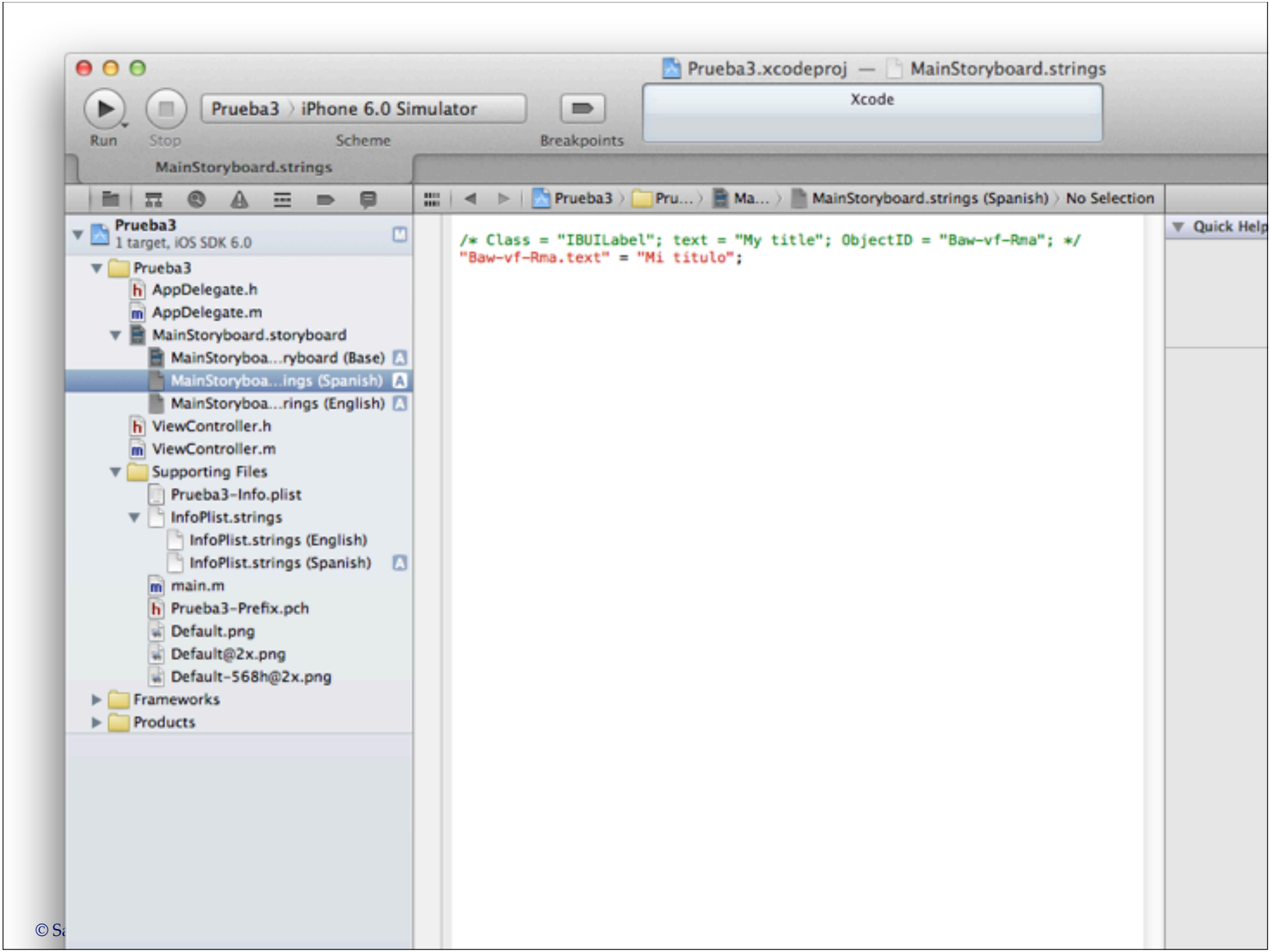
InfoPlist.strings (Spanish)
main.m
Prueba3-Prefix.pch
Default.png
Default@2x.png
Default-568h@2x.png
Frameworks
Products
/* Class = "IBUILabel"; text = "My title"; ObjectID = "Baw-vf-Rma"; */
"Baw-vf-Rma.text" = "My title";
Quick H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Default.png
Default@2x.png
Default-568h@2x.png
Frameworks
Products
/* Class = "IBUILabel"; text = "My title"; ObjectID = "Baw-vf-Rma"; */
"Baw-vf-Rma.text" = "Mi titulo";
Quick Help

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