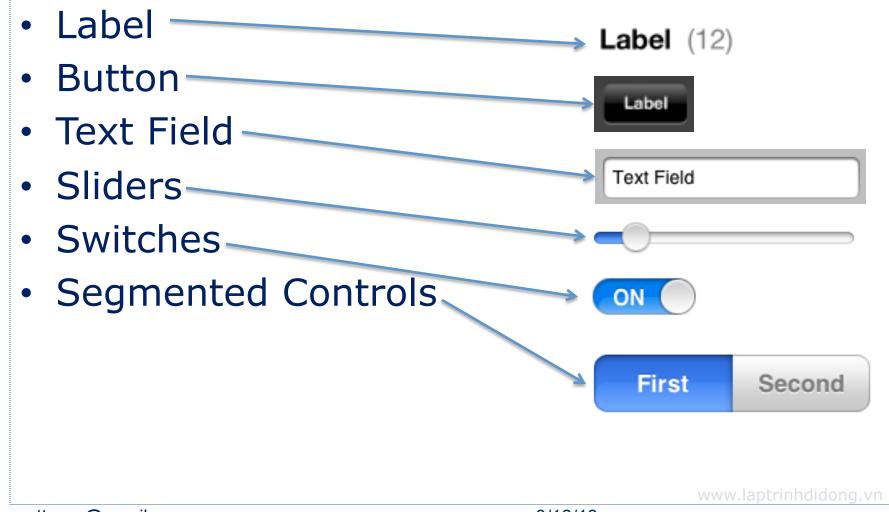


Lập trình ứng dụng trên iOS

Label, Button, Text Field, Slider, Switch, Segment Control



Nội dung





Label

- text
- textColor

Label (12)

- textAlignment
- font
- lineBreakMode
- backgroundColor



Button



- + (id)buttonWithType:(UIButtonType)buttonType
- (void)setTitle:(NSString *)title forState: (UIControlState)state
- (void)addTarget:(id)target action:(SEL)action forControlEvents:(UIControlEvents)controlEvents



- text
- textAlignment
- textColor
- background
- clearButtonMode
- borderStyle
- delegate
- editing
- font
- placeholder

Text Field



- text
 - @property(nonatomic, copy) NSString *text

- textAlignment: UITextAlignmentLeft (default), UITextAlignmentCenter, UITextAlignmentRight
 - @property(nonatomic) UITextAlignment textAlignment

```
// Left
[tfName setTextAlignment:UITextAlignmentLeft];

// Right
[tfName setTextAlignment:UITextAlignmentRight];

// Center
[tfName setTextAlignment:UITextAlignmentCenter];
Mr David
```

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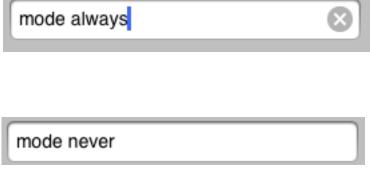
UITextField with custom background im...

[tfName setBackground:[UIImage imageNamed:@"Image_bg.png"]];



- clearButtonMode
 - @property(nonatomic) UITextFieldViewMode clearButtonMode

```
[tfName setClearButtonMode:(UITextFieldViewModeAlways];
[tfName setClearButtonMode:UITextFieldViewModeAlways];
[tfName setClearButtonMode:UITextFieldViewModeNever];
[tfName setClearButtonMode:UITextFieldViewModeUnlessEditing];
[tfName setClearButtonMode:UITextFieldViewModeWhileEditing];
```







borderStyle

mttrung@gmail.com

— @property(nonatomic) UITextBorderStyle borderStyle

```
[tfName setBorderStyle:(UITextBorderStyle)];
[tfName setBorderStyle:UITextBorderStyleNone]; // Default
                                  Mr David
[tfName setBorderStyle:UITextBorderStyleLine];
                                  Mr David
[tfName setBorderStyle:UITextBorderStyleBezel];
                                  Mr David
[tfName setBorderStyle:UITextBorderStyleRoundedRect];
                                  Mr David
                                                    www.laptrinhdidong.vn
```

3/13/13



- delegate
 - @property(nonatomic, assign) id<UITextFieldDelegate> delegate

```
// return YES to allow editing to stop and to resign first responder status
    . NO to disallow the editing session to end

    (BOOL)textFieldShouldEndEditing:(UITextField *)textField;

// return NO to disallow editing.

    (BOOL)textFieldShouldBeginEditing:(UITextField *)textField;

// became first responder
- (void)textFieldDidBeginEditing:(UITextField *)textField:
// may be called if forced even if shouldEndEditing returns NO
// (e.g. view removed from window) or endEditing:YES called
- (void)textFieldDidEndEditing:(UITextField *)textField;
// return NO to not change text
- (BOOL)textField:(UITextField *)textField shouldChangeCharactersInRange:
    (NSRange)range replacementString:(NSString *)string;
// called when clear button pressed. return NO to ignore (no notifications)
- (BOOL)textFieldShouldClear:(UITextField *)textField;
// called when 'return' key pressed. return NO to ignore.
- (BOOL)textFieldShouldReturn:(UITextField *)textField;
```



editing — @property(nonatomic, readonly, getter=isEditing) BOOL editing [tfName setEnabled:(BOOL)]; [tfName setEnabled:NO]; [tfName setEnabled:YES]; font — @property(nonatomic, retain) UIFont *font [tfName setFont: [UIFont fontWithName: (NSString *) size: (CGFloat)]]; [tfName setFont: [UIFont fontWithName:@"Times New Roman" size:20]]; This is some large te [tfName setAdjustsFontSizeToFitWidth: (BOOL)]; This is some large text that will s [tfName setAdjustsFontSizeToFitWidth:YES]; [tfName setAdjustsFontSizeToFitWidth:NO]; is some large text that will shrink automatical

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- placeholder
 - @property(nonatomic, copy) NSString *placeholder

```
[tfName setPlaceholder:(NSString *)];
[tfName setPlaceholder:@"Type text here"];
Type text here
```

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Sliders



- value
 - @property(nontatomic) float value

```
slider.value = 5.5;
```

- minimumValue
 - @property(nontatomic) float minimumValue

```
slider.minimumValue = 0.0;
```

- maximumValue
 - @property(nontatomic) float maximumValue

```
slider.maximumValue = 100.0;
```

- continuous
 - @property(nonatomic, getter=isContinuous) BOOL continuous

slider.continuous = YES;

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Sliders

Ví dụ:

```
49
      CGRect rect = CGRectMake(10,60, 200, 30);
      UISlider *mySlider = [[UISlider alloc] initWithFrame:rect];
       [mySlider addTarget:self action:@selector(sliderValueChanged:)
51
          forControlEvents:UIControlEventValueChanged];
      mySlider.backgroundColor = [UIColor clearColor];
52
      mySlider.minimumValue = 0.0;
53
      mySlider.maximumValue = 10.0;
54
      mySlider.continuous = YES;
55
      mySlider.value = 5.0;
56
       [self.view addSubview: mySlider];
```



Switches



- setOn
 - @property(nonatomic, getter=isOn) BOOL on
- (void)setOn:(BOOL)on animated:(BOOL)animated

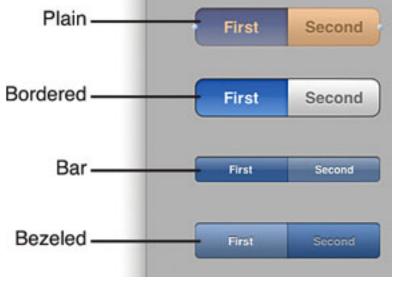
```
CGRect rect = CGRectMake(10,90, 100, 30);
UISwitch *mySwitch = [[UISwitch alloc] initWithFrame:rect];
[mySwitch addTarget:self action:@selector(switchValueChanged:)
    forControlEvents:UIControlEventValueChanged];
mySwitch.backgroundColor = [UIColor clearColor];
[self.view addSubview: mySwitch];
```



Segmented Controls

First Second

- selectedSegmentIndex
 - @property(nonatomic) NSInteger selectedSegmentIndex
- segmentedControlStyle
 - @property(nonatomic) UISegmentedControlStyle segmentedControlStyle





Segmented Controls

First Second

```
Ví dụ:
```

One Two Three



Segmented Controls



- (void)setTitle:(NSString *)title forSegmentAtIndex: (NSUInteger)segment
- (void)setImage:(UIImage *)image forSegmentAtIndex:(NSUInteger)segment
- (void)insertSegmentWithTitle:(NSString *)title
- atIndex:(NSUInteger)segment animated:(BOOL)animated
- (void)removeSegmentAtIndex:(NSUInteger)segment animated:(BOOL)animated
- removeAllSegments