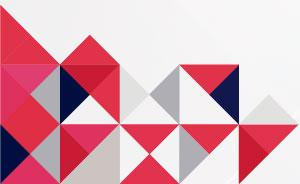




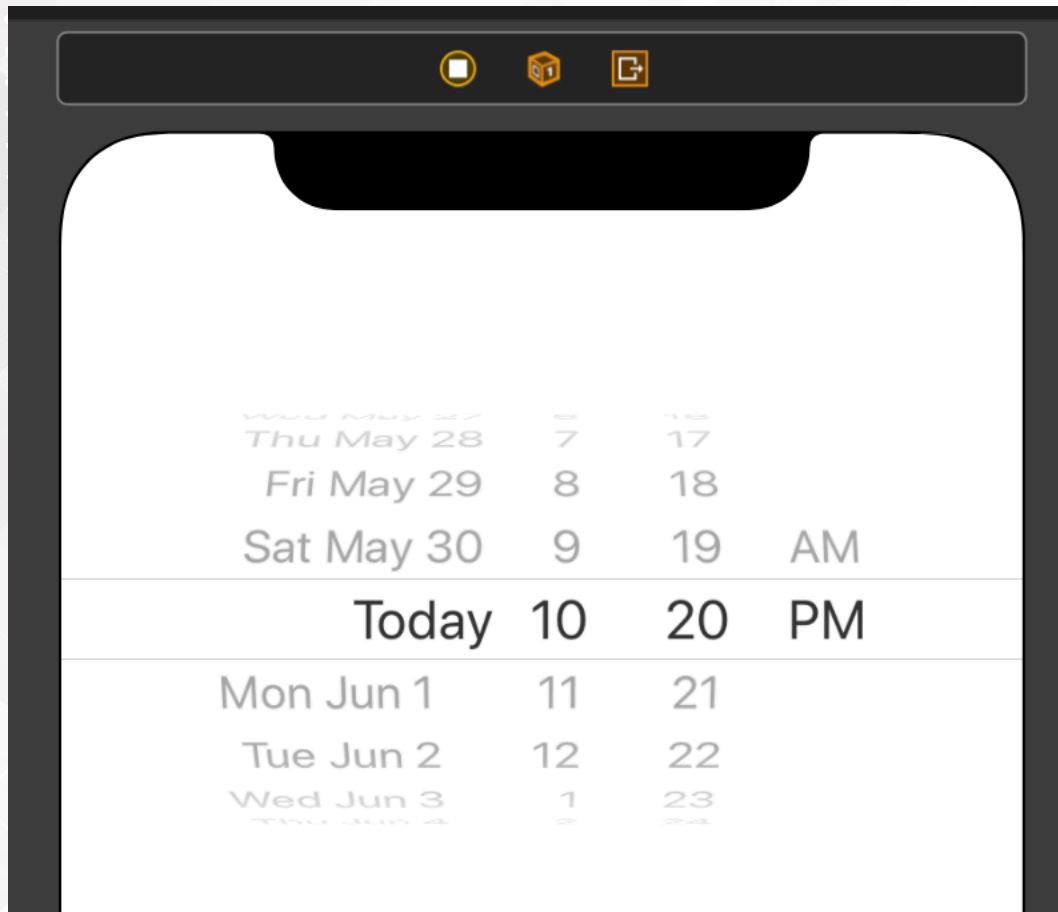
O que é
PickerView ?



DataPicker é uma exibição de data que usa uma roda giratória para mostrar as datas. Para usá-lo você deve fazer uma conexão via outlet com “value changed”



Adicione uma DatePicker na ViewController



Faça uma conexão
IBAction via Value
Changed

Deve se ficar assim,
após criado o IBAction

Connection: Action

Object: View Controller

Name: myDatePicker

Type: UIPickerView

Value Changed

Sender


Cancel Connect

```
override func viewDidLoad() {  
    super.viewDidLoad()  
    // Do any additional setup after loading the view.  
}  
  
@IBAction func myDatePicker(_ sender: UIPickerView) {  
}  
}
```

Agora vamos criar um outlet para a nossa pickerView. É ela que vamos utilizar para capturar o valor.

Exibir a hora selecionada

Connection **Outlet**

Object  View Controller

Name **datePicker**

Type **UIDatePicker**

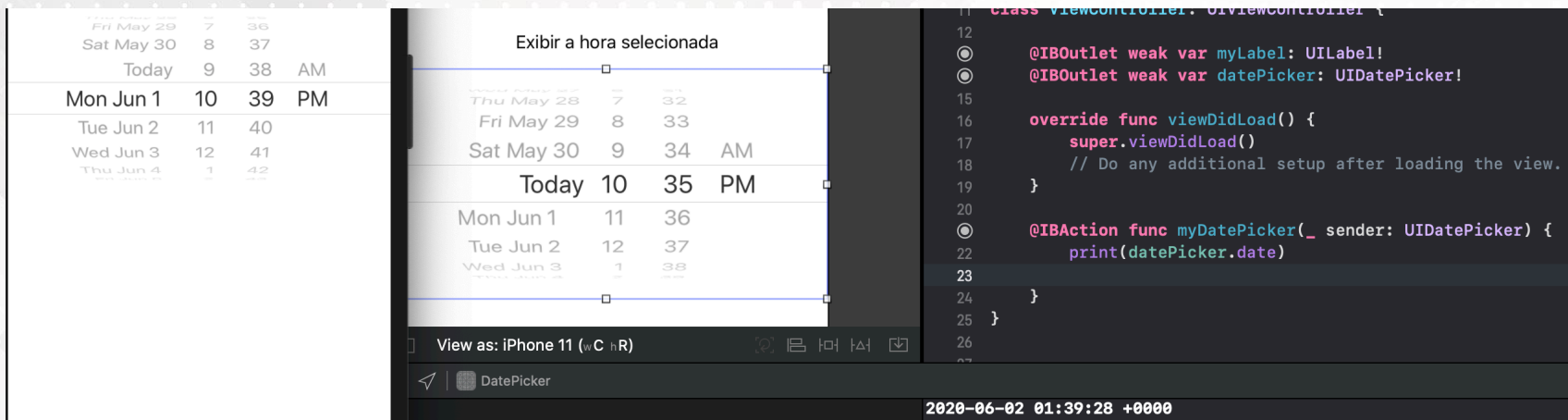
Weak

Cancel

Connect

```
5 // Created by Nadilson Santana on 31/05/20.
6 // Copyright © 2020 Nadilson Santana. All rights reserved.
7 //
8
9 import UIKit
10
11 class ViewController: UIViewController {
12
13
14     override func viewDidLoad() {
15         super.viewDidLoad()
16         // Do any additional setup after loading the view.
17     }
18 }
```

Desta forma, já conseguimos capturar a data selecionada. Porém a data ainda não vem formatada. Agora os próximos passos é formatar a data



The screenshot displays the Xcode development environment. On the left, a date picker UI is shown with a scrollable list of dates. The selected date is 'Today' at 10:38 AM. The list includes dates from Friday, May 29 to Thursday, June 4. The right pane shows the Swift code for the view controller, which includes an IBOutlet for a date picker and an action method to print the selected date.

| Date | Hour | Minute | Period |
|------------|------|--------|--------|
| Fri May 29 | 7 | 36 | |
| Sat May 30 | 8 | 37 | |
| Today | 9 | 38 | AM |
| Mon Jun 1 | 10 | 39 | PM |
| Tue Jun 2 | 11 | 40 | |
| Wed Jun 3 | 12 | 41 | |
| Thu Jun 4 | 1 | 42 | |

Exibir a hora selecionada

| Date | Hour | Minute | Period |
|------------|------|--------|--------|
| Thu May 28 | 7 | 32 | |
| Fri May 29 | 8 | 33 | |
| Sat May 30 | 9 | 34 | AM |
| Today | 10 | 35 | PM |
| Mon Jun 1 | 11 | 36 | |
| Tue Jun 2 | 12 | 37 | |
| Wed Jun 3 | 1 | 38 | |

```
11 class ViewController: UIViewController {
12
13     @IBOutlet weak var myLabel: UILabel!
14     @IBOutlet weak var datePicker: UIDatePicker!
15
16     override func viewDidLoad() {
17         super.viewDidLoad()
18         // Do any additional setup after loading the view.
19     }
20
21     @IBAction func myDatePicker(_ sender: UIDatePicker) {
22         print(datePicker.date)
23     }
24 }
25
26
27
```

View as: iPhone 11 (w C H R)

DatePicker

2020-06-02 01:39:28 +0000

Agora, dentro do IBAction, vamos criar uma instância do DateFormatter() para formatar a nossa data

```
@IBAction func myDatePicker(_ sender: UIDatePicker) {  
    let dateFormatter = DateFormatter()  
}
```


Agora, utilizando a instância do dateFormatter, vamos configurar duas propriedades (dateStyle e timeStyle) do DateFormatter. Para apresentar de forma mais bonita e resumida a data

```
@IBAction func myDatePicker(_ sender: UIDatePicker) {  
    let dateFormatter = DateFormatter()  
  
    dateFormatter.dateStyle = DateFormatter.Style.short  
    dateFormatter.timeStyle = DateFormatter.Style.short
```


Após configurar a nossa instância, vamos imprimir a data de forma correta. Veja que usamos tanto o outlet datePicker como o parâmetro sender do IBOutlet

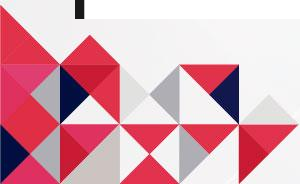


| | | | |
|------------|----|----|----|
| Thu May 28 | 8 | 42 | |
| Fri May 29 | 9 | 43 | |
| Sat May 30 | 10 | 44 | AM |
| Today | 11 | 45 | PM |
| Mon Jun 1 | 12 | 46 | |
| Tue Jun 2 | 1 | 47 | |
| Wed Jun 3 | 2 | 48 | |

```
20  @IBAction func myDatePicker(_ sender: UIDatePicker) {  
21      let dateFormatter = DateFormatter()  
22        
23      dateFormatter.dateStyle = DateFormatter.Style.short  
24      dateFormatter.timeStyle = DateFormatter.Style.short  
25        
26      let strDate = dateFormatter.string(from: datePicker.date)  
27      print(strDate)  
28        
29      let strDateSender = dateFormatter.string(from: sender.date)  
30      print(strDateSender)  
31        
32      }  
33  }  
34  }
```

5/31/20, 11:45 PM

5/31/20, 11:45 PM





Bora Coda

Links

DatePicker