

Modularizando seu código

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Menos $\hbar C + \hbar V$

O que é?



Dear Kate,

Here it is, the crazy ones. They're
The troublemakers. The rule-breakers.
The ones who see things a little
different. The ones who are things of
our heart and soul. And they have a vision
of things that we can't see. They can
stand up. They can quite often, at least with their
glory in only their. Because the only thing they can't
do is ignore them. Because they're important.

They push the human race forward. And while some
may see them as the crazy ones, we see genius.
Because the people who are crazy enough to think
they can change the world, are the ones who do.

Take care,
John Appleseed

Por que modularizar?



- Escrever menos código
- Códigos mais limpos

Modularização

- Grande escala
- Pequena escala

Modularização - Pequena escala

- Métodos
- Classes
- Struct's

Modularização - Pequena escala

```
72 // MARK: - Actions
73
74 @IBAction func pickImageFromLibraryClicked(_ sender: UIBarButtonItem) {
75     let imagePicker = UIImagePickerController()
76     imagePicker.delegate = self
77     imagePicker.allowsEditing = true
78     imagePicker.sourceType = .photoLibrary
79     present(imagePicker, animated: true, completion: nil)
80 }
81
82 @IBAction func pickImageFromCameraClicked(_ sender: UIBarButtonItem) {
83     let imagePicker = UIImagePickerController()
84     imagePicker.delegate = self
85     imagePicker.allowsEditing = true
86     imagePicker.sourceType = .camera
87     present(imagePicker, animated: true, completion: nil)
88 }
89
```

Modularização - Pequena escala

```
72 // MARK: - Actions
73
74 @IBAction func pickImageFromLibraryClicked(_ sender: UIBarButtonItem) {
75     chooseSourceType(sourceType: .photoLibrary)
76 }
77
78 @IBAction func pickImageFromCameraClicked(_ sender: UIBarButtonItem) {
79     chooseSourceType(sourceType: .camera)
80 }
81
82 // MARK: - ImagePicker Helper
83
84 func chooseSourceType(sourceType: UIImagePickerControllerSourceType) {
85     let imagePicker = UIImagePickerController()
86     imagePicker.delegate = self
87     imagePicker.allowsEditing = true
88     imagePicker.sourceType = sourceType
89     present(imagePicker, animated: true, completion: nil)
90 }
```

Modularização - Grande escala

- Várias classes, struct's
- Bibliotecas (frameworks)

Modularização - Grande escala

The screenshot shows a GitHub repository page for 'mindvalley / Mobile_iOS_Library_AwesomeLogin'. The repository is private and has 131 commits, 3 branches, 0 releases, 4 contributors, and 0 stars. The latest commit is by leonardo-ferreira07, merging pull request #15 from mindvalley/updated-Auth0, 12 days ago. The repository contains several files and folders, including AwesomeLogin, Example, Resources, .gitignore, .travis.yml, AwesomeLogin.podspec, LICENSE, README.md, and _Pods.xcodeproj. The README.md file is highlighted at the bottom.

mindvalley / Mobile_iOS_Library_AwesomeLogin Private

Unwatch 8 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights

Login to Auth0

131 commits 3 branches 0 releases 4 contributors MIT

Branch: master New pull request Create new file Upload files Find file Clone or download

leonardo-ferreira07 Merge pull request #15 from mindvalley/updated-Auth0 Latest commit 3947c68 12 days ago

AwesomeLogin	Fixed keyboard behaviour on facebook login/signup	14 days ago
Example	Updated Auth0 pod	12 days ago
Resources	Fixed Gilroy-medium family fonts	a month ago
.gitignore	Initial commit	a year ago
.travis.yml	Initial commit	a year ago
AwesomeLogin.podspec	Updated pod version	12 days ago
LICENSE	Initial commit	a year ago
README.md	Updated pod version	12 days ago
_Pods.xcodeproj	Initial commit	a year ago

README.md

AwesomeLogin

Modularização

Vantagens e desvantagens

Vantagens

- Código limpo
- Abstraído
- Orientado à componentes
- Testes

Vantagens

- Fácil de migrar
- Isolado
- Responsável (por si só)
- Prototipagem rápida

Desvantagens

- Assustador
- Abstração de código
- Transferência de arquivos
- Desacoplamento de código

Desvantagens

- Integração da nova biblioteca ou código

Casos reais

- AwesomeLogin
- AwesomeConstants
- AwesomeUIMagic
- AwesomeMedia

Casos reais

- *AwesomePurchase*
- *AwesomeLoading*
- *AwesomeCore*
- *AwesomeLocalization*

Ao final

Menos ⌘C + ⌘V



Obrigado!

Nós temos vagas:

careers.mindvalley.com/ios-developer