

**INSTITUTO FEDERAL DE
EDUCAÇÃO, CIÊNCIA E TECNOLOGIA**
RIO GRANDE DO NORTE
Campus Natal - Central

Twitter Bootstrap



Prof. Fellipe Aleixo (fellipe.aleixo@ifrn.edu.br)

Bootstrap

- Framework **HTML**, **CSS** e **JS** para projetos Web responsivos, principalmente para dispositivos móveis
 - Requer o JQuery
- Para começar: <http://getbootstrap.com/>
- <https://github.com/twbs/bootstrap/releases/download/v3.3.1/bootstrap-3.3.1-dist.zip>

Alguns sites (expo.getbootstrap.com) que utilizam o

BOOTSTRAP

The best way to shop for groceries

Delivered from the stores you love in one hour

[GET STARTED](#)

First delivery is free over \$10

[FAQ](#)[Jobs](#)[Blog](#)[Contact](#)[Press](#)[Privacy](#)[Terms](#)[Become a Shopper](#)

Instacart is an independent business and is not necessarily affiliated with, or endorsed or sponsored by Kroger, The Food Emporium, Super Fresh or other retailers mentioned.

Simple Solutions for Small Spaces

SHOP NOW

Shop

Read



LEODIS EVENTS

FORUM NO — 2

22.10.14

THE MIDNIGHT BELL

The second Leodis Forum focussed on Leeds independent food and drink business owners talking about their experiences within the industry. If you were unable to make it to the second forum, you can watch the talks here.



SOCIAL

LATEST TWEETS

02.12.14

The guys at @Pavilion_org have put on a great exhibition. Gintaras Didziapetris has done a great job

02.12.14

Today is the second day of the The @LCoM_Events Russian and Polish Music Festival @artsattrinity

EVENTS CALENDAR

WE ARE BUILDING OUR
EVENTS CALENDAR FOR
NEXT YEAR





UNITEDSTRANDS™



42 DEGREES
AVAILABLE NOW

[VIEW](#)

10
12



WE SHIP WORLDWIDE. [LEARN MORE](#)



CLOTHING



PRINTS

A CREATIVE DESIGN MIX OF GEOMETRIC, MINIMAL AND ARTISTIC WEARABLE AND PRINTED GOODS FOR MEN AND WOMEN.

OUR STORY

Utilizando o Bootstrap em suas

APLICAÇÕES

Abordagens de Utilização

1. Utilizar as classes de estilo diretamente nos componentes HTML e *tags* JSF
 - Referenciando uma biblioteca **local** ou **remota**
 - Em JSF – atributo **styleclass**
2. Utilização de uma biblioteca de *tags* JSF que já possuem Bootstrap incorporado
 - P.ex.: BootsFaces - <http://www.bootsfaces.net>

ABORDAGEM #1

1º Passo

Download

Bootstrap (currently v3.3.1) has a few easy ways to quickly get started, each one appealing to a different skill level and use case. Read through to see what suits your particular needs.

Bootstrap

Compiled and minified CSS, JavaScript, and fonts. No docs or original source files are included.

[Download Bootstrap](#)

Source code

Source Less, JavaScript, and font files, along with our docs.

Requires a Less compiler and some setup.

[Download source](#)

Sass

[Bootstrap ported from Less to Sass](#) for easy inclusion in Rails, Compass, or Sass-only projects.

[Download Sass](#)

Bootstrap CDN

```
<!-- Latest compiled and minified CSS -->  
<link rel="stylesheet"  
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.1/css/bootstrap.min.css">  
  
<!-- Optional theme -->  
<link rel="stylesheet"  
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.1/css/bootstrap-  
theme.min.css">  
  
<!-- Latest compiled and minified JavaScript -->  
<script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.1/js/bootstrap.min.js">  
</script>
```

Opção Pré-compilada

- Estrutura do arquivo ZIP →
- Arquivos “compilados” previamente e prontos para utilizar

```
bootstrap/  
├── css/  
│   ├── bootstrap.css  
│   ├── bootstrap.min.css  
│   ├── bootstrap-theme.css  
│   └── bootstrap-theme.min.css  
├── js/  
│   ├── bootstrap.js  
│   └── bootstrap.min.js  
└── fonts/  
    ├── glyphs-halflings-regular.eot  
    ├── glyphs-halflings-regular.svg  
    ├── glyphs-halflings-regular.ttf  
    └── glyphs-halflings-regular.woff
```

Opção de Código Fonte

- Fontes CSS, Javascript e [Less](#), além da documentação
- O Less é um pré-processador CSS – que permite escrever um CSS de forma mais fácil

```
bootstrap/  
├── less/  
├── js/  
├── fonts/  
├── dist/  
├── css/  
├── js/  
├── fonts/  
└── docs/  
    └── examples/
```

Template Básico

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 shim and Respond.js for IE8 support of HTML5 elements and media
    queries -->
    <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/html5shiv/3.7.2/html5shiv.min.js">
</script>
      <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js">
</script>
    <![endif]-->
  </head>
  <body>
    <h1>Hello, world!</h1>

    <!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js">
</script>
    <!-- Include all compiled plugins (below), or include individual files as
    needed -->
    <script src="js/bootstrap.min.js"></script>
  </body>
</html>
```

Aplicando o

FRAMEWORK

Exemplo #1

Bootstrap theme

Home

About

Contact

Dropdown ▾

Hello, world!

This is a template for a simple marketing or informational website. It includes a large callout called a jumbotron and three supporting pieces of content. Use it as a starting point to create something more unique.

[Learn more »](#)

Exemplo #2

Buttons



Exemplo #3

Tables

| # | First Name | Last Name | Username |
|---|------------|-----------|----------|
| 1 | Mark | Otto | @mdo |
| 2 | Jacob | Thornton | @fat |
| 3 | Larry | the Bird | @twitter |

| # | First Name | Last Name | Username |
|---|----------------|-----------|--------------|
| 1 | Mark | Otto | @mdo |
| | Mark | Otto | @TwBootstrap |
| 2 | Jacob | Thornton | @fat |
| 3 | Larry the Bird | | @twitter |

| # | First Name | Last Name | Username |
|---|------------|-----------|----------|
| 1 | Mark | Otto | @mdo |
| 2 | Jacob | Thornton | @fat |
| 3 | Larry | the Bird | @twitter |

| # | First Name | Last Name | Username |
|---|----------------|-----------|----------|
| 1 | Mark | Otto | @mdo |
| 2 | Jacob | Thornton | @fat |
| 3 | Larry the Bird | | @twitter |

Exemplo #4

Thumbnail



Exemplo #5

Labels

Default

Primary

Success

Info

Warning

Danger

Default

Primary

Success

Info

Warning

Danger

Default

Primary

Success

Info

Warning

Danger

Default

Primary

Success

Info

Warning

Danger

Default

Primary

Success

Info

Warning

Danger

Default

Primary

Success

Info

Warning

Danger

Default

Primary

Success

Info

Warning

Danger

Exemplo #6

Badges

Inbox **42**

Home **42**

Profile

Messages **3**

Dropdown menus

Action

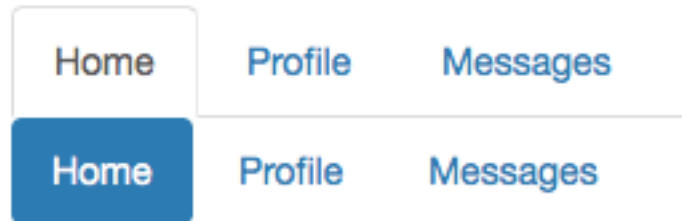
Another action

Something else here

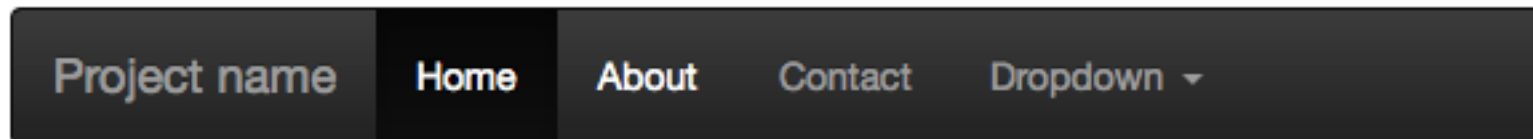
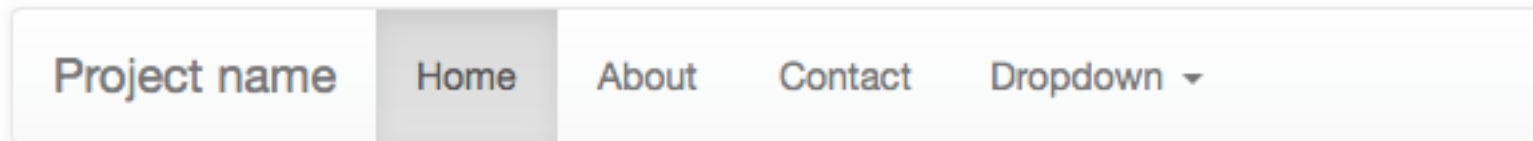
Separated link

Exemplo #7

Navs



Navbars



Exemplo #8

Alerts

Well done! You successfully read this important alert message.

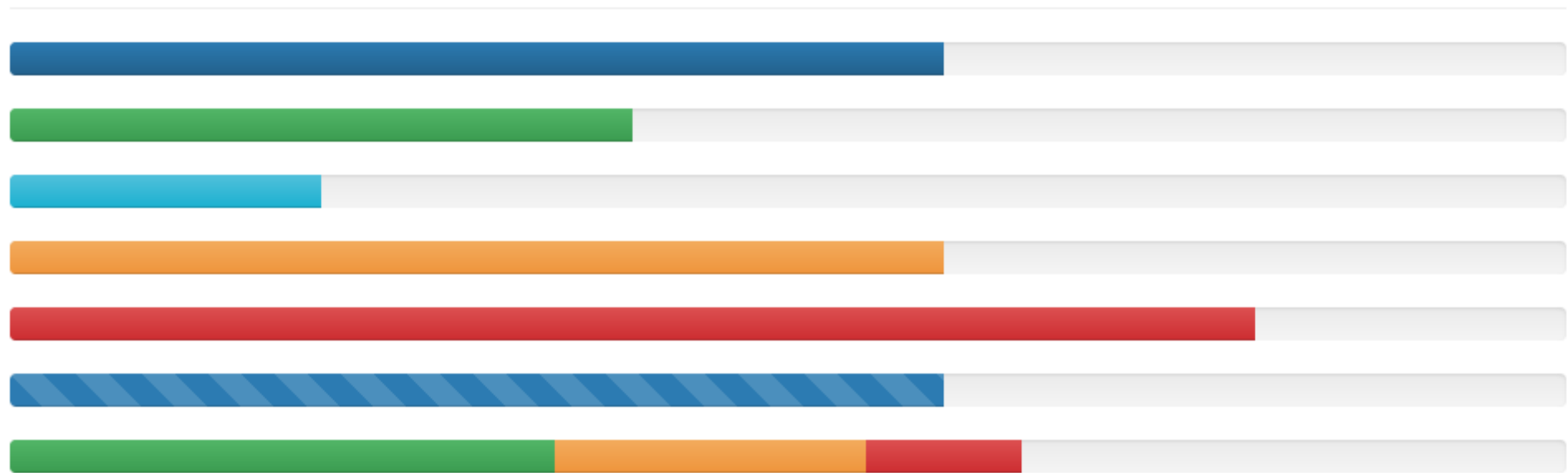
Heads up! This alert needs your attention, but it's not super important.

Warning! Best check yo self, you're not looking too good.

Oh snap! Change a few things up and try submitting again.

Exemplo #9

Progress bars



Exemplo #10

List groups

Cras justo odio

Dapibus ac facilisis in

Morbi leo risus

Porta ac consectetur ac

Vestibulum at eros

Cras justo odio

Dapibus ac facilisis in

Morbi leo risus

Porta ac consectetur ac

Vestibulum at eros

List group item heading

Donec id elit non mi porta gravida at eget metus. Maecenas sed diam eget risus varius blandit.

List group item heading

Donec id elit non mi porta gravida at eget metus. Maecenas sed diam eget risus varius blandit.

List group item heading

Donec id elit non mi porta gravida at eget metus. Maecenas sed diam eget risus varius blandit.

Exemplo #11

Panels

Panel title

Panel content

Panel title

Panel content

Panel title

Panel content

Panel title

Panel content

Panel title

Panel content

Panel title

Panel content

Exemplo #12

Wells

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas sed diam eget risus varius blandit sit amet non magna. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Cras mattis consectetur purus sit amet fermentum. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Aenean lacinia bibendum nulla sed consectetur.

Exemplo #13

Carousel



Second slide



Aplicando os Estilos Corretos

- Sugestão: <http://www.w3schools.com/bootstrap/default.asp>
- Veja qual o estilo que lhe interessa e
 - Tente você mesmo – use o editor “Try it yourself”