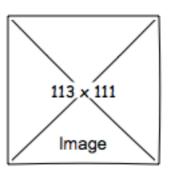
# Hyper Text Markup Language

#### HTML

- Linguagem de Marcação definidas por tags
- As tags definem a estrutura do Hipertexto
- Arquivos .HTML precisam de um browser para ser exibido

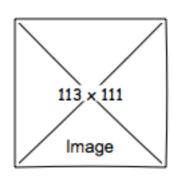
Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3



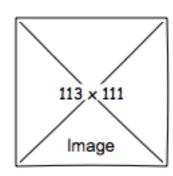
Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

button



Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

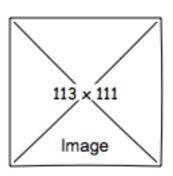
button



Hyperlink

Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

button

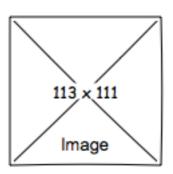


Hyperlink

O Radio button

Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

button



Radio button

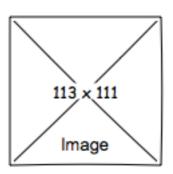
Hyperlink

- Item 1
- Item 2
- Item 3

Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

button

Checkbox



O Radio button

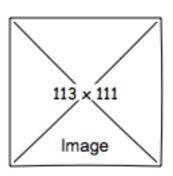
**Hyperlink** 

- Item 1
- Item 2
- Item 3

Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

button

Checkbox



O Radio button

Hyperlink

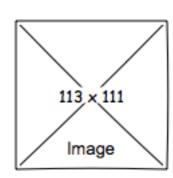
- Item 1
- Item 2
- Item 3

**Heading level 1** 

Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

button

Checkbox



Radio button

**Hyperlink** 

- Item 1
- Item 2
- Item 3

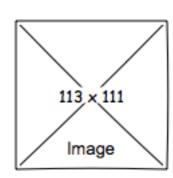
**Heading level 1** 

text
------

Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

button

Checkbox



O Radio button

**Hyperlink** 

- Item 1
- Item 2
- Item 3

**Heading level 1** 

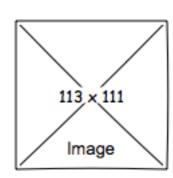
text

\*\*\*\*\*

Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

button

Checkbox



O Radio button

**Hyperlink** 

- Item 1
- Item 2
- Item 3

**Heading level 1** 

text

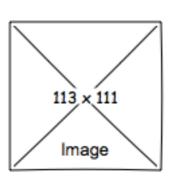
\*\*\*\*\*

ComboBox ▼

Column 1	Column 2
Cell Content 1	Cell Content 1
Cell Content 2	Cell content 2
Cell Content 3	Cell content 3

button

Checkbox



O Radio button

**Hyperlink** 

- Item 1
- Item 2
- Item 3

**Heading level 1** 

text

\*\*\*\*\*

ComboBox ▼

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

<h1>Heading Level 1</h1>

<h1>Heading Level 1</h1>

Heading Level 1



<h1>Heading Level 1</h1>

Lorem ipsum dolor sit
amet, consectetur
adipisicing elit, sed do
eiusmod tempor incididunt ut
labore et dolore magna
aliqua.



#### Heading Level 1

<h1>Heading Level 1</h1>

Lorem ipsum dolor sit
amet, consectetur
adipisicing elit, sed do
eiusmod tempor incididunt ut
labore et dolore magna
aliqua.



#### Heading Level 1

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

<!DOCTYPE html>

```
<!DOCTYPE html> <html>
```

</html>

```
<!DOCTYPE html>
<html>
<head>
</head>
```

</html>

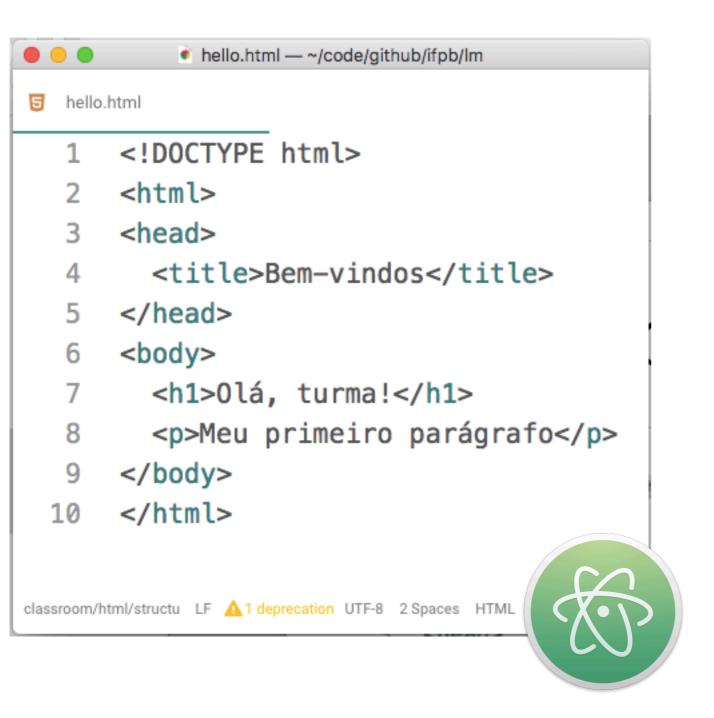
```
<!DOCTYPE html>
<html>
<head>
    <title>Bem-vindos</title>
</head>
```

</html>

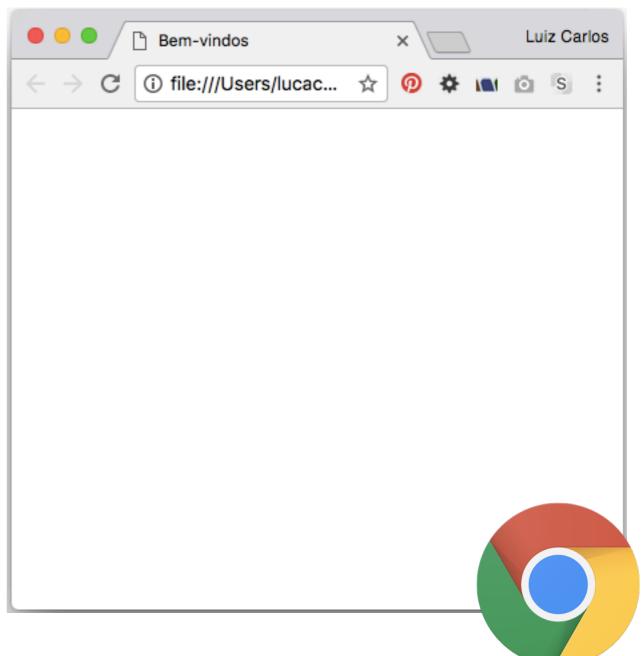
```
<!DOCTYPE html>
<html>
<head>
  <title>Bem-vindos</title>
</head>
<body>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
  <title>Bem-vindos</title>
</head>
<body>
  <h1>01á, turma!</h1>
</body>
</html>
```

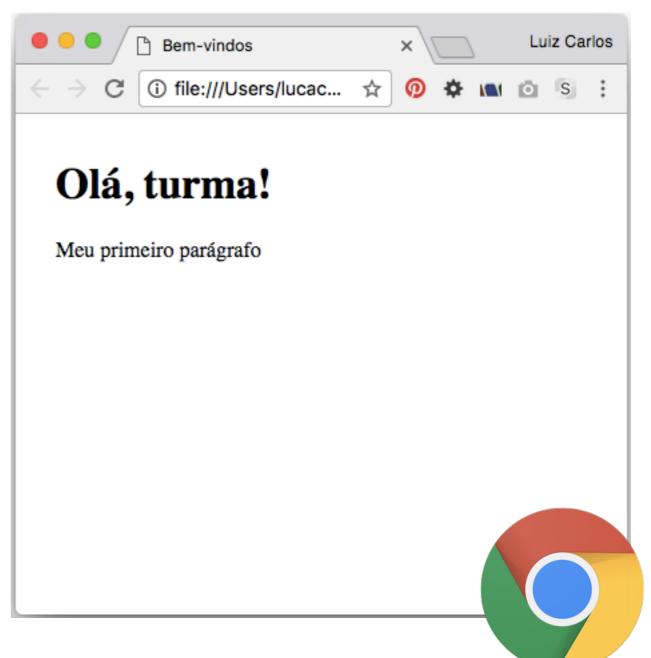
```
<!DOCTYPE html>
<html>
<head>
  <title>Bem-vindos</title>
</head>
<body>
 <h1>01á, turma!</h1>
  Meu primeiro parágrafo
</body>
</html>
```











<lang>en</lang>

<lang>en</lang>

```
<lang>en</lang>
```

atributo="valor"

## Tag & Atributo

```
<lang>en</lang>
atributo="valor"
lang="en"
```

## Tag & Atributo

```
<\lang>en</lang>
atributo="valor"

lang="en"
<html>...</html>
```

# Tag & Atributo

```
<\lang>en
atributo="valor"

lang="en"
<html lang="en">...</html>
```

https://developer.mozilla.org/en-US/docs/Web/HTML/Attributes

https://developer.mozilla.org/en-US/docs/Web/HTML/Attributes

https://developer.mozilla.org/en-US/docs/Web/HTML/Element

https://developer.mozilla.org/en-US/docs/Web/HTML/Attributes

https://developer.mozilla.org/en-US/docs/Web/HTML/Element

https://developer.mozilla.org/en-US/docs/Web/HTML/ Global\_attributes

<!DOCTYPE html>

```
<!DOCTYPE html>
<html lang="en">
```

```
<!DOCTYPE html>
<html lang="en">
<head>
```

</head>

</html>

</html>

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
        <title>Bem-vindos</title>
</head>
```

</html>

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Bem-vindos</title>
</head>
<body>
</body>
</html>
```

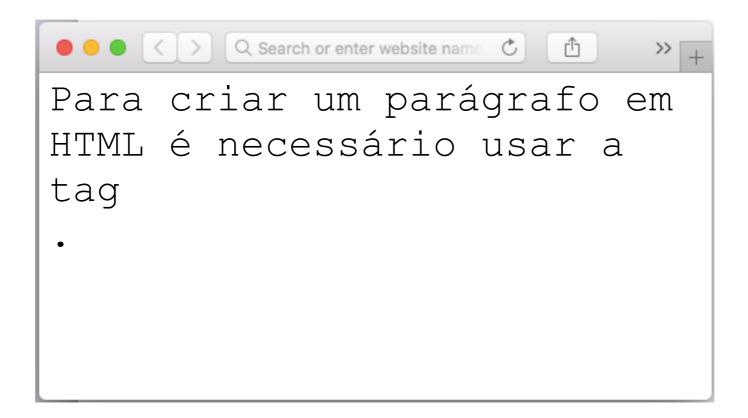
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Bem-vindos</title>
</head>
<body>
  <h1>01á, turma!</h1>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Bem-vindos</title>
</head>
<body>
  <h1>01á, turma!</h1>
  Meu primeiro parágrafo
</body>
</html>
```

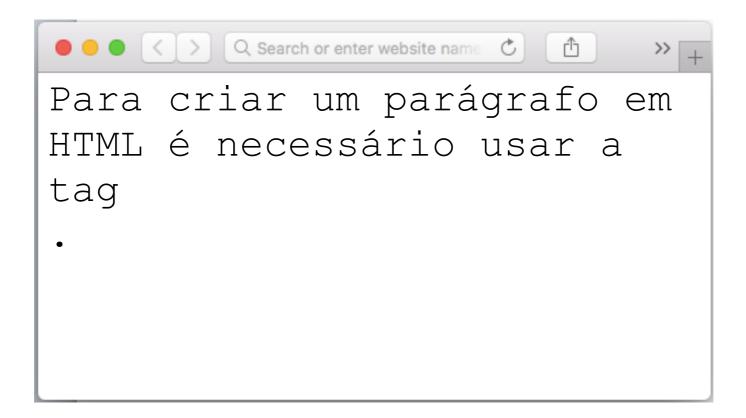
Para criar um parágrafo em HTML é necessário usar a tag .

Para criar um parágrafo em HTML é necessário usar a tag .

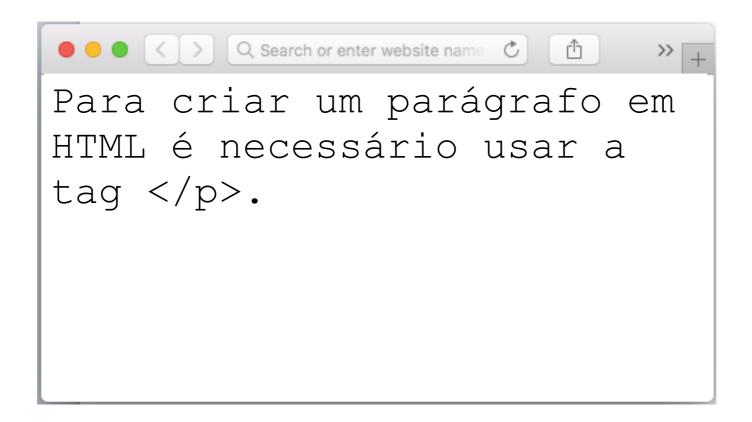
Para criar um parágrafo em HTML é necessário usar a tag .



Para criar um parágrafo em HTML é necessário usar a tag <p>.



Para criar um parágrafo em HTML é necessário usar a tag <p>.



Caracteres Nominal Decimal Hexa

Caracteres Nominal Decimal Hexa

Caracteres	Nominal	Decimal	Hexa
<	&It		

Caracteres	Nominal	Decimal	Hexa
<	<	<	

Caracteres	Nominal	Decimal	Hexa
<	<	<	<

Caracteres	Nominal	Decimal	Hexa
<	<	<	<
á	á	á	á

Caracteres	Nominal	Decimal	Hexa
<	<	<	<
á	á	á	á
Ç	ç	ç	ç

Caracteres	Nominal	Decimal	Hexa
<	<	<	<
á	á	á	á
Ç	ç	ç	ç
©	&сору;	©	©

Caracteres	Nominal	Decimal	Hexa
<	<	<	<
á	á	á	á
Ç	ç	ç	ç
©	©	©	©

https://dev.w3.org/html5/html-author/charref

## Comentário

#### Comentário

<!-- Isto é um comentário -->

#### Comentário

```
<!-- Isto é um comentário -->

<!-- Cabeçalho -->

<!-- Conteúdo -->

<!-- Rodapé -->
```

## Estruturas

# Lista Ordered List

### Lista Ordered List

Most Popular Technologies 2017:

- 1. Javascript
- 2. SQL

### Lista Ordered List

Most Popular Technologies 2017:

- 1. Javascript
- 2. SQL

Javascript
 SQL

#### Cursos da UAI:

- Redes de Computadores
- Sistemas para Internet

#### Cursos da UAI:

- Redes de Computadores
- Sistemas para Internet

```
Redes de ComputadoresSistema para Internet
```

#### Cursos da UAI:

- Redes de Computadores
- Sistemas para Internet

```
Redes de ComputadoresSistema para Internet
```

#### Developer Roles 2017:

- a. Web developer
- b. Desktop developer
- c. Mobile developer

#### Cursos da UAI:

- Redes de Computadores
- Sistemas para Internet

#### Developer Roles 2017:

- a. Web developer
- b. Desktop developer
- c. Mobile developer

```
Redes de ComputadoresSistema para Internet
```

## Lista Definition List

### Lista Definition List

Tecnologias do Front-End:

HTML

Hyper Text Markup Language

CSS

Cascade Style Sheet

### Lista Definition List

#### Conceitos do Front-End:

- HTML
  - o Tag
  - Atributo
  - Entidade
- CSS
  - Propriedade
  - Função
  - Seletor
  - OAt-rule
  - Media Query

Conceitos do Front-End: HTML

- HTML
  - o Tag
  - Atributo
  - Entidade
- CSS
  - Propriedade
  - Função
  - Seletor
  - At-rule
  - Media Query

CSS

#### Conceitos do Front-End:

- HTML
  - $\circ$  Tag
  - Atributo
  - Entidade
- CSS
  - Propriedade
  - Função
  - Seletor
  - OAt-rule
  - Media Query

```
    HTML
    Tag
    Atributo
    Entidade

    <</li>
    <</li>
```

#### Conceitos do Front-End:

- HTML
  - o Tag
  - Atributo
  - Entidade
- CSS
  - Propriedade
  - Função
  - Seletor
  - OAt-rule
  - Media Query

```
ul>
HTML
 <l
 Tag
 Atributo
 Entidade
 CSS
 ul>
 Tag...
```

texto

texto <u>url</u>

texto + <u>url</u>

```
texto + url =
```

```
texto + url = texto
```

texto

```
texto + \underline{url} = \underline{texto}
```

<a >texto</a>

texto + url = texto

```
<a href="">texto</a>
```

```
texto + url = texto
```

<a href="url">texto</a>

texto + url = texto

 $texto + \underline{url} = \underline{texto}$ 

```
<a href="url">texto</a>
```

texto + url = texto

```
<a href="url" target="_blank" >
texto
</a>
```

## Hyperlink urlabsoluta

```
— home
└─ username
└─ site
└─ pages
├─ contatos.html
└─ index.html
```

## Hyperlink urlabsoluta

```
# CONTATOS.HMLT

home

username

site

pages

contatos.html
```

## Hyperlink url absoluta

## Hyperlink url absoluta

## Hyperlink urlabsoluta

## Hyperlink url absoluta

```
# CONTATOS.HMLT

home

username

home

home

home/username/site/pages/contatos.html

pages

file:///home/username/site/pages/contatos.html

contatos.html
index.html
```

```
/
└─ var
└─ site
└─ pages
├─ contatos.html
```

## Hyperlink urlabsoluta

```
# CONTATOS.HMLT
                    /home/username/site/pages/contatos.html
- site
                    file:///home/username/site/pages/contatos.html
    pages
        index.html
                      CONTATOS.HMLT
                    /var/www/site/pages/contatos.html
                    http://site.com/pages/contatos.html
- site
```

## Hyperlink url absoluta

```
# CONTATOS.HMLT
                   /home/username/site/pages/contatos.html
                   file:///home/username/site/pages/contatos.html
    pages
                      CONTATOS.HMLT
                    /var/www/site/pages/contatos.html
                    http://site.com/pages/contatos.html
- site
                      INDEX.HTML
                   /var/www/site/pages/index.html
        index.html
                    http://site.com/pages/index.html
                    http://site.com/pages/
```

http://www.ifpb.edu.br

http://www.ifpb.edu.br

http://www.ifpb.edu.br/institucional/sobre-o-ifpb

http://www.ifpb.edu.br

http://www.ifpb.edu.br/institucional/sobre-o-ifpb

file:///C:/WINDOWS/image.png

http://www.ifpb.edu.br

http://www.ifpb.edu.br/institucional/sobre-o-ifpb

file:///C:/WINDOWS/image.png

C:/WINDOWS/image.png

http://www.ifpb.edu.br

http://www.ifpb.edu.br/institucional/sobre-o-ifpb

file:///C:/WINDOWS/image.png

C:/WINDOWS/image.png

ftp://ftp.gnu.org/pub/

http://www.ifpb.edu.br

http://www.ifpb.edu.br/institucional/sobre-o-ifpb

file:///C:/WINDOWS/image.png

C:/WINDOWS/image.png

ftp://ftp.gnu.org/pub/

mailto:cstsi@ifpb.edu.br

```
✓ var

✓ www

✓ site

✓ pages

✓ contatos.html

✓ index.html
```

```
/ /var/www/site/pages/contatos.html
L var
L www
site
pages
L pages
L contatos.html
```

index.html

/var/www/site/pages/contatos.html
http://site.com/pages/contatos.html

```
/
L var
L www
site
pages
contatos.html
index.html
```

```
/var/www/site/pages/contatos.html
http://site.com/pages/contatos.html
/pages/contatos.html
```

```
— site
      pages
                          contatos.html
          index.html
```

/var/www/site/pages/contatos.html http://site.com/pages/contatos.html /pages/contatos.html

```
/ var/www/site/pages/contatos.html
http://site.com/pages/contatos.html
/pages/contatos.html
contatos.html
index.html
./contatos.html
```

```
/ var /www/site/pages/contatos.html
http://site.com/pages/contatos.html
/pages/contatos.html
contatos.html
./contatos.html
/
var
www
site
pages
contatos.html
./contatos.html
index.html
index.html
```

```
/var/www/site/pages/contatos.html
http://site.com/pages/contatos.html
/pages/contatos.html
contatos.html
./contatos.html
/var
www
site
pages
contatos.html
pages/contatos.html
./contatos.html
./pages/contatos.html
./pages/contatos.html
./pages/contatos.html
```

```
/var/www/site/pages/contatos.html
                       http://site.com/pages/contatos.html
                       /pages/contatos.html
    pages
                       contatos.html
        contatos.html
        index.html
                       ./contatos.html
                       pages/contatos.html
- site
                        ./pages/contatos.html
- site
         contatos.html
        index.html
```

```
/var/www/site/pages/contatos.html
                       http://site.com/pages/contatos.html
                       /pages/contatos.html
    pages
                       contatos.html
        contatos.html
        index.html
                       ./contatos.html
                       pages/contatos.html
- site
                       ./pages/contatos.html
- site
                       ../pages/contatos.html
         ontatos.html
        index.html
```

home.html

home.html
./home.html

home.html
./home.html
pages/home.html

home.html
./home.html

pages/home.html
./pages/home.html

home.html

./home.html

pages/home.html

./pages/home.html

../page/home.html

https://en.wikipedia.org/wiki/HTML#History

https://en.wikipedia.org/wiki/HTML#History



```
<h1>Sumário</h1>

 <
  <a href=""">Dolor ipsum</a>
 <
  <a href="">Ipsum dolor</a>
 <h1>Dolor ipsum</h1>
...
<h1>Ipsum dolor</h1>
...
```

```
<h1>Sumário</h1>
<l
 <
  <a href=""">Dolor ipsum</a>
 <
  <a href=""">Ipsum dolor</a>
 <h1>Dolor ipsum</h1>
...
<h1>Ipsum dolor</h1>
...
```

#### Sumário

- <u>Dolor ispum lorem</u>
- Ipsum dolor

#### **Dolor** ispum

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Consectetur, dolores, saepe earum, magni omnis eveniet deserunt dolorem nobis expedita ea nulla laboriosam veniam dolorum cumque nihil molestias repellat sunt rerum.

#### **Ipsum dolor**

```
<h1>Sumário</h1>
<l
 <
  <a href=""">Dolor ipsum</a>
 <
  <a href=""">Ipsum dolor</a>
 <h1 id="dolor_ipsum">Dolor ipsum</h1>
...
<h1>Ipsum dolor</h1>
...
```

#### Sumário

- <u>Dolor ispum lorem</u>
- Ipsum dolor

#### **Dolor** ispum

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Consectetur, dolores, saepe earum, magni omnis eveniet deserunt dolorem nobis expedita ea nulla laboriosam veniam dolorum cumque nihil molestias repellat sunt rerum.

#### **Ipsum dolor**

```
<h1>Sumário</h1>
<l
 <
  <a href="#dolor_ipsum">Dolor ipsum</a>
 <
  <a href=""">Ipsum dolor</a>
 <h1 id="dolor_ipsum">Dolor ipsum</h1>
...
<h1>Ipsum dolor</h1>
...
```

#### Sumário

- <u>Dolor ispum lorem</u>
- Ipsum dolor

#### **Dolor** ispum

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Consectetur, dolores, saepe earum, magni omnis eveniet deserunt dolorem nobis expedita ea nulla laboriosam veniam dolorum cumque nihil molestias repellat sunt rerum.

#### **Ipsum dolor**

```
<h1>Sumário</h1>
<l
 <
  <a href="#dolor_ipsum">Dolor ipsum</a>
 <
  <a href=""">Ipsum dolor</a>
 <h1 id="dolor_ipsum">Dolor ipsum</h1>
...
<h1 id="ipsum_dolor">Ipsum_dolor</h1>
...
```

#### Sumário

- <u>Dolor ispum lorem</u>
- Ipsum dolor

#### **Dolor** ispum

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Consectetur, dolores, saepe earum, magni omnis eveniet deserunt dolorem nobis expedita ea nulla laboriosam veniam dolorum cumque nihil molestias repellat sunt rerum.

#### **Ipsum dolor**

```
<h1>Sumário</h1>
<l
 <
  <a href="#dolor_ipsum">Dolor ipsum</a>
 <
  <a href="#ipsum_dolor">Ipsum dolor</a>
 <h1 id="dolor_ipsum">Dolor ipsum</h1>
...
<h1 id="ipsum_dolor">Ipsum_dolor</h1>
...
```

#### Sumário

- Dolor ispum lorem
- Ipsum dolor

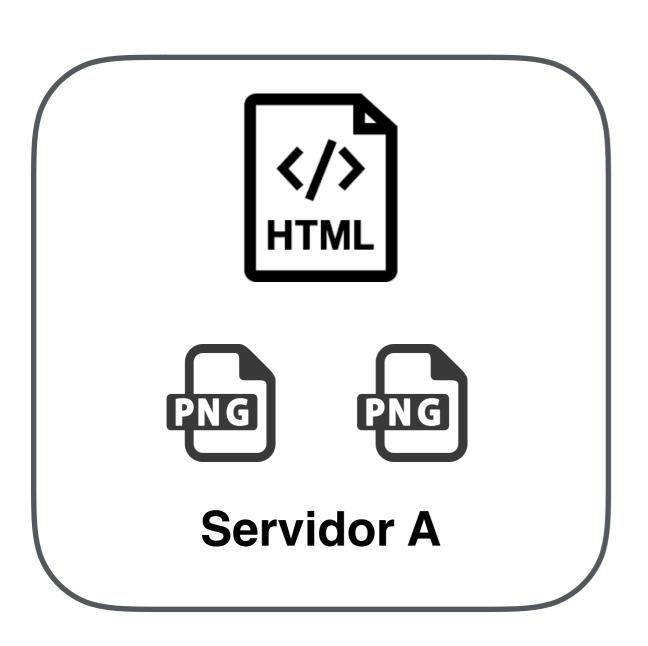
#### **Dolor** ispum

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Consectetur, dolores, saepe earum, magni omnis eveniet deserunt dolorem nobis expedita ea nulla laboriosam veniam dolorum cumque nihil molestias repellat sunt rerum.

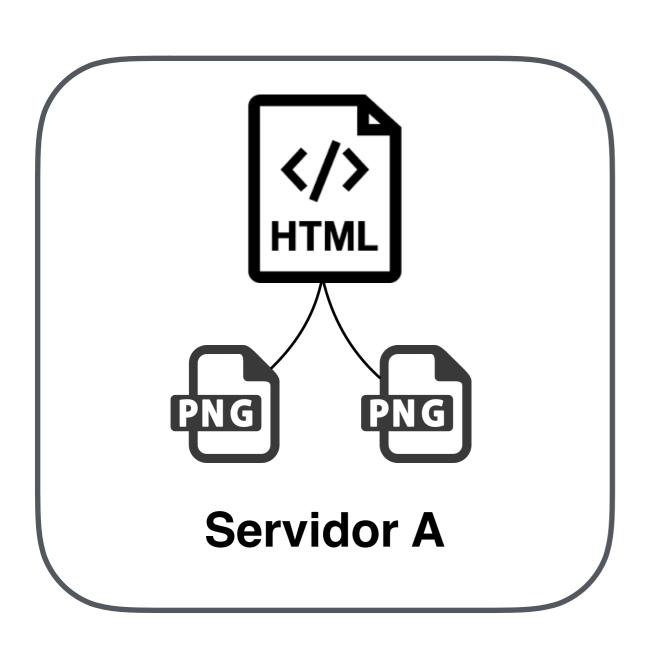
#### **Ipsum dolor**

# Imagem

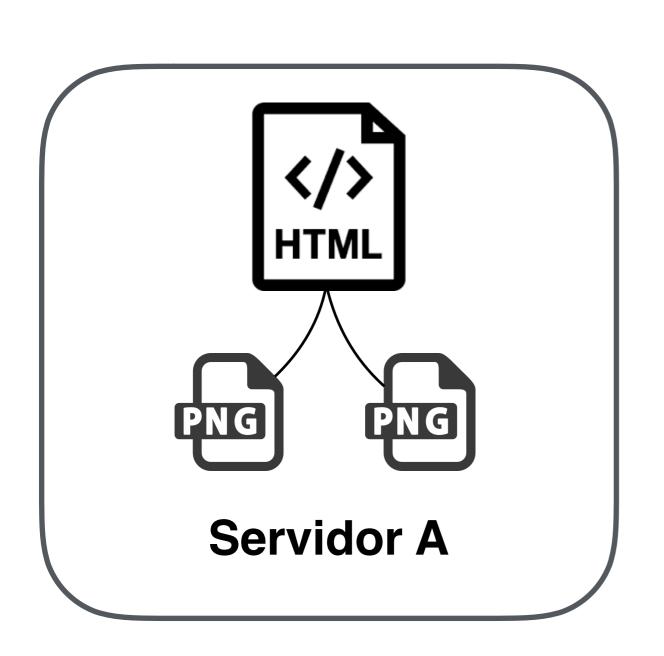
## lmagem



## lmagem

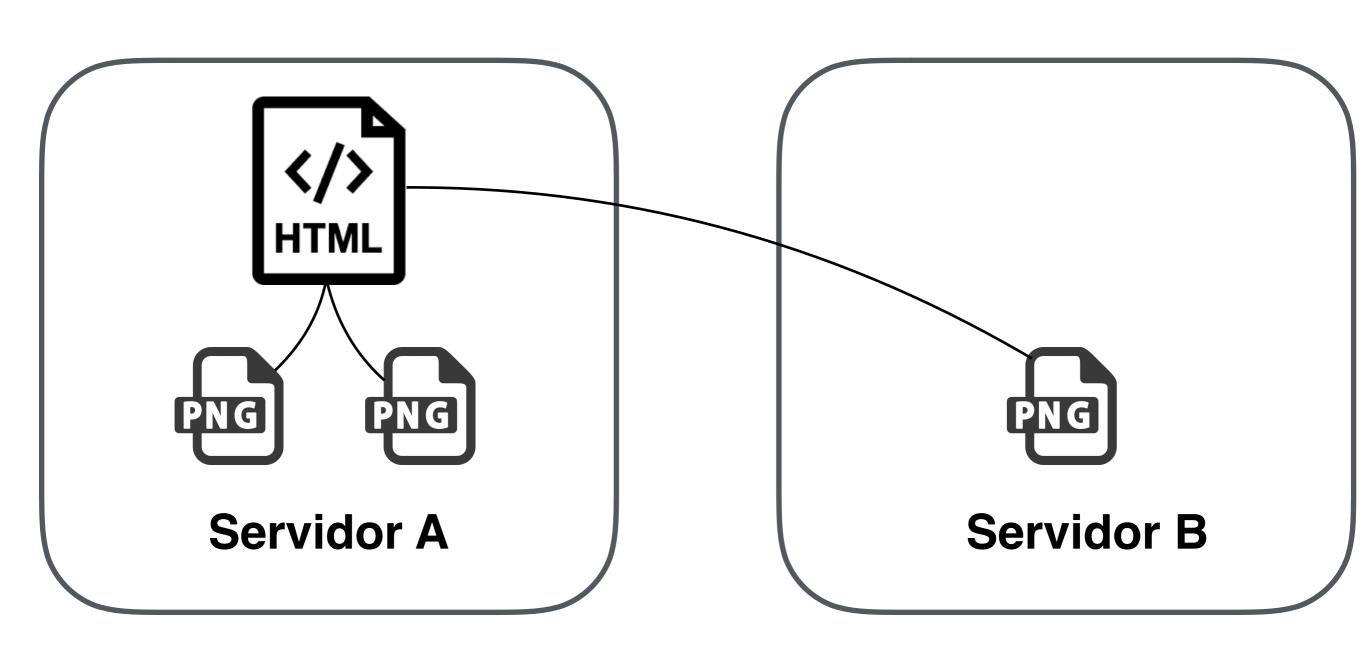


### lmagem





### lmagem



<img>

<img src="url">

<img src="url" alt="descrição">

# Image width

### Image width

<img src="url" alt="descrição" width="100px">

```
site
    image.png
    index.html
```

```
<img src="image.png">
<img src="./image.png">
```

```
site

image.png

index.html

site

image

image

image.png

index.html
```

```
<img src="image.png">
<img src="./image.png">
```

```
site
    image.png
    index.html
site
    image
    └─ image.png
    index.html
site
    page
       - index.html
    image
         image.png
```

```
<img src="image.png">
<img src="./image.png">
```

<img src="image/image.png">

```
site
                        <img src="image.png">
    image.png
                        <img src="./image.png">
    index.html
site
    image
                         <img src="image/image.png">
    └─ image.png
    index.html
site
    page
       - index.html
                        <img src="../image/image.png">
    image
         image.png
```

```
/

└─ var

└─ www

└─ site

├─ image.png

index.html
```

```
└─ site
                 image.png
<img src="image.png">
<img src="./image.png">
<img src="/image.png">
<img src="http://site.com/image.png">
```

http://www.ifpb.edu.br/folder/image.png (absoluto)

http://www.ifpb.edu.br/folder/image.png (absoluto)
/home/username/folder/site/image/image.png (absoluto)

http://www.ifpb.edu.br/folder/image.png (absoluto)
/home/username/folder/site/image/image.png (absoluto)
/site/image/image.png (absoluto)

```
http://www.ifpb.edu.br/folder/image.png (absoluto)
/home/username/folder/site/image/image.png (absoluto)
/site/image/image.png (absoluto)
image.png (relativo)
```

```
http://www.ifpb.edu.br/folder/image.png (absoluto)
/home/username/folder/site/image/image.png (absoluto)
/site/image/image.png (absoluto)
image.png (relativo)
. /image.png (relativo)
```

```
http://www.ifpb.edu.br/folder/image.png (absoluto)
/home/username/folder/site/image/image.png (absoluto)
/site/image/image.png (absoluto)
image.png (relativo)
./image.png (relativo)
img/image.png (relativo)
```

```
http://www.ifpb.edu.br/folder/image.png (absoluto)
/home/username/folder/site/image/image.png (absoluto)
/site/image/image.png (absoluto)
image.png (relativo)
. /image.png (relativo)
img/image.png (relativo)
. . /img/image.png (relativo)
```

### Image link

### Image link

```
<a href="url">
  <img src="url" alt="descrição">
  </a>
```