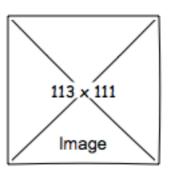
# Hyper Text Markup Language

#### HTML

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

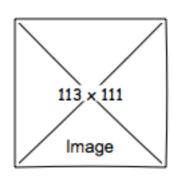
| Column 1       | Column 2       |
|----------------|----------------|
| Cell Content 1 | Cell Content 1 |
| Cell Content 2 | Cell content 2 |
| Cell Content 3 | Cell content 3 |

| Column 1       | Column 2       |
|----------------|----------------|
| Cell Content 1 | Cell Content 1 |
| Cell Content 2 | Cell content 2 |
| Cell Content 3 | Cell content 3 |



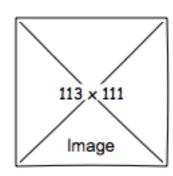
| Column 1       | Column 2       |
|----------------|----------------|
| Cell Content 1 | Cell Content 1 |
| Cell Content 2 | Cell content 2 |
| Cell Content 3 | Cell content 3 |

button



| Column 1       | Column 2       |
|----------------|----------------|
| Cell Content 1 | Cell Content 1 |
| Cell Content 2 | Cell content 2 |
| Cell Content 3 | Cell content 3 |

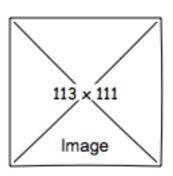
button



Hyperlink

| Column 1       | Column 2       |
|----------------|----------------|
| Cell Content 1 | Cell Content 1 |
| Cell Content 2 | Cell content 2 |
| Cell Content 3 | Cell content 3 |

button

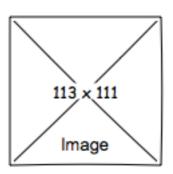


Hyperlink

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

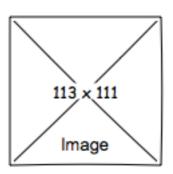
Hyperlink

- 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

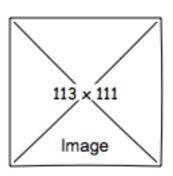
**Hyperlink** 

- 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

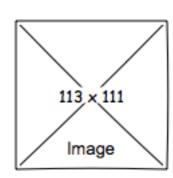
- Item 1
- Item 2
- Item 3

**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

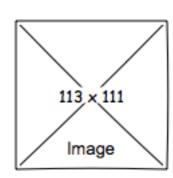
**Heading level 1** 

| 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** 

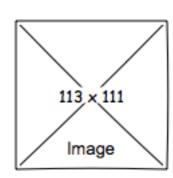
text

\*\*\*\*\*

| 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

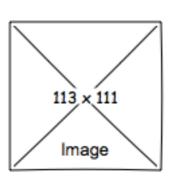
\*\*\*\*\*

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>

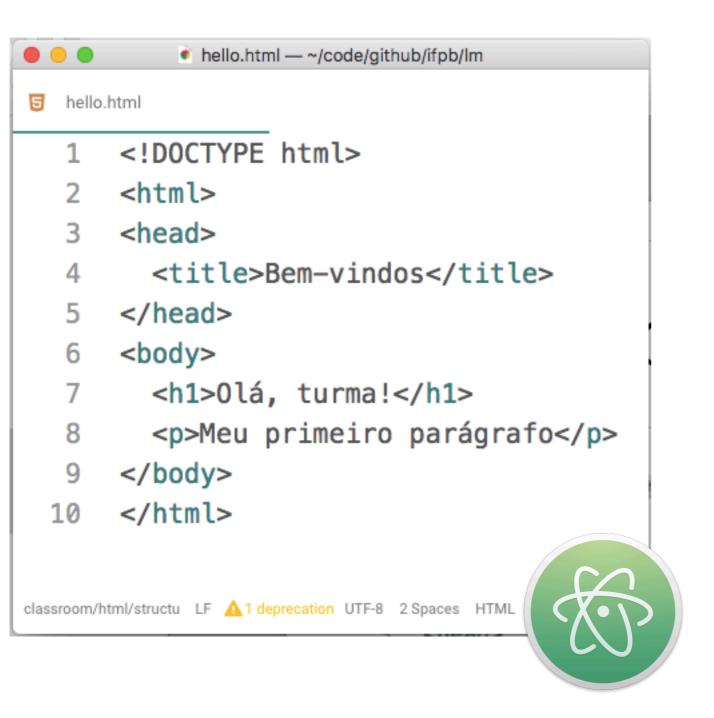
```
<!DOCTYPE html>
<html>
<head>
    <title>Bem-vindos</title>
</head>
```

</html>

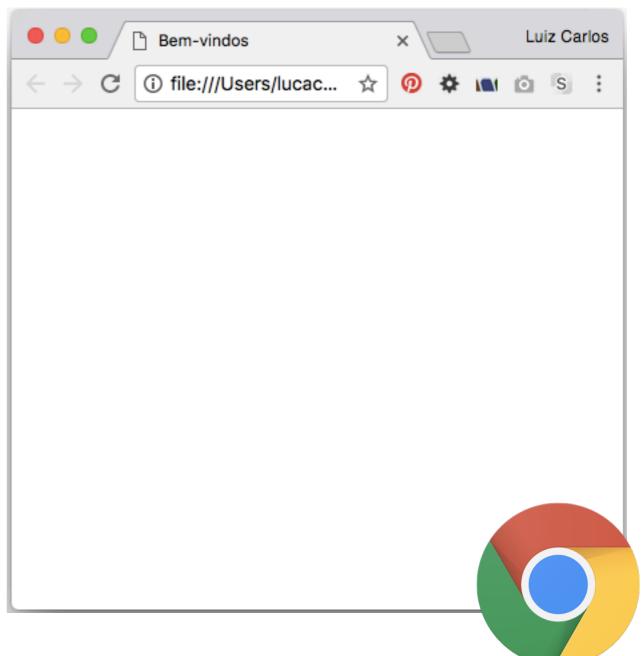
```
<!DOCTYPE html>
<html>
<head>
  <title>Bem-vindos</title>
</head>
<body>
</body>
</html>
```

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

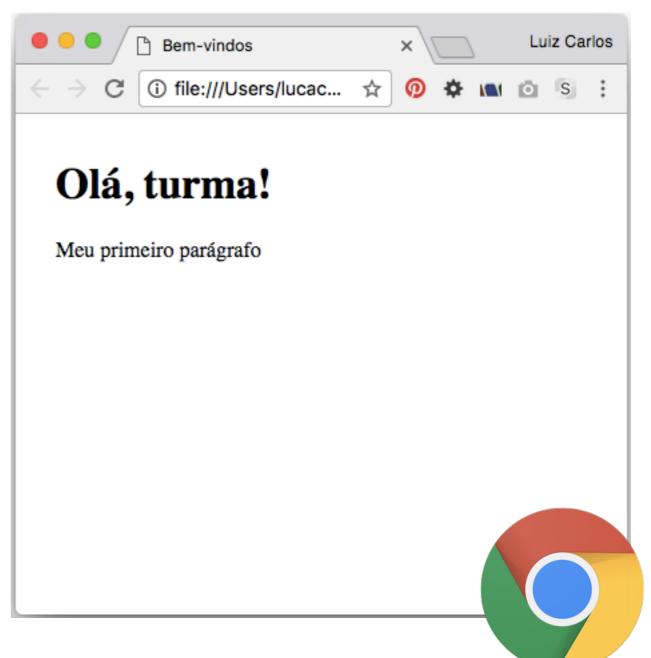
```
<!DOCTYPE html>
<html>
<head>
  <title>Bem-vindos</title>
</head>
<body>
 <h1>01á, turma!</h1>
  Meu primeiro parágrafo
</body>
</html>
```











<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 <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    |
| ©          | ©       | ©       | ©    |

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

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

```
— home
└─ username
└─ site
└─ pages
└─ contato.html
└─ index.html
```

```
/

home

username

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

pages

contato.html
index.html
```

```
/ home /home/username/folder/pages/contatos.html

Lusername /home/username/folder/pages/contatos.html

Lapages / contato.html

Lindex.html
```

pages

contato.html

index.html

site

pages

contato.html

index.html

```
/home/username/folder/pages/contatos.html
                   file:///home/username/folder/pages/contatos.html
       contato.html
       index.html
                   /var/www/sites/pages/contatos.html
                   http://site.com/pages/contatos.html
site
   pages
       contato.html
```

index.html

```
/home/username/folder/pages/contatos.html
                   file:///home/username/folder/pages/contatos.html
       contato.html
       index.html
                   /var/www/sites/pages/contatos.html
                   http://site.com/pages/contatos.html
site
   pages
                   /var/www/sites/pages/index.html
      contato.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

### Hyperlink urlabsoluta

http://www.ifpb.edu.br

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

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

### Hyperlink url absoluta

http://www.ifpb.edu.br

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

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

C:/WINDOWS/image.png

### Hyperlink url absoluta

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/

### Hyperlink url absoluta

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
└─ site
└─ pages
├─ contato.html
└─ index.html
```

```
/
L var

www
Sites/pages/contatos.html
L site
L pages
L contato.html
index.html
```

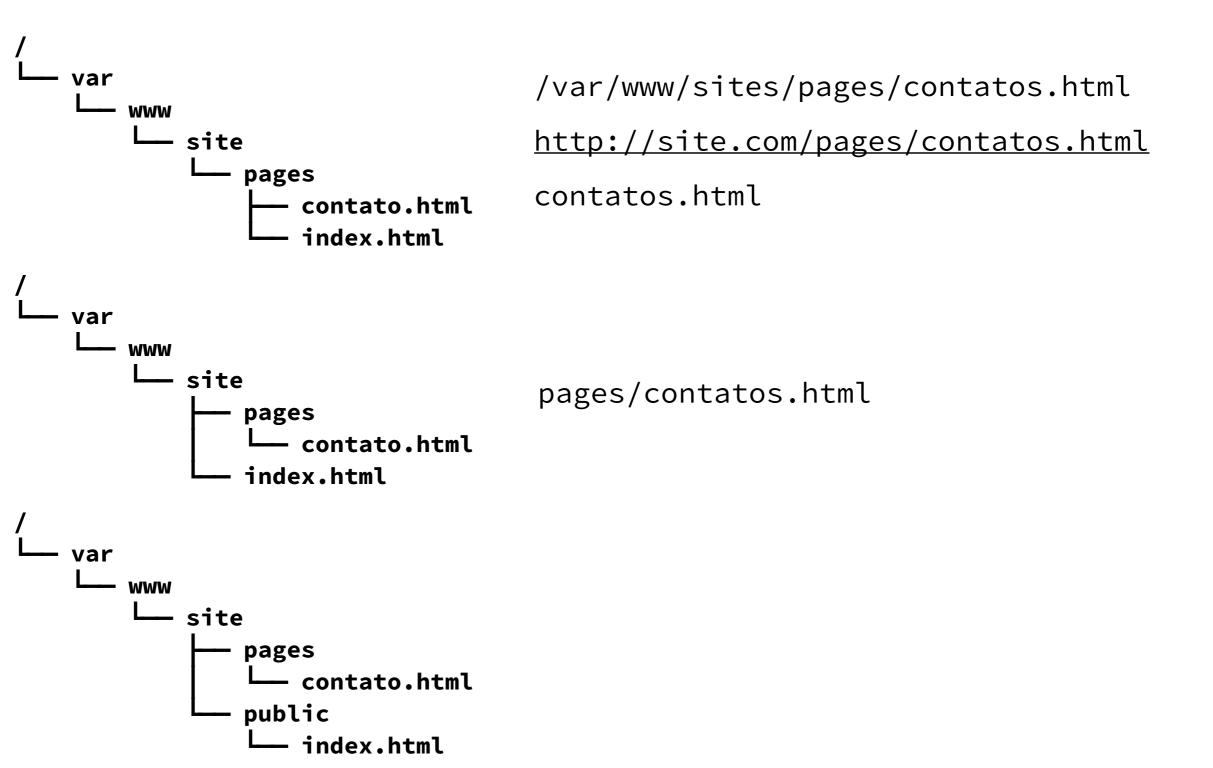
```
/
└── var
└── www
└── site
└── pages
├── contato.html
└── index.html
```

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

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

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





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

home.html

home.html
pages/home.html

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

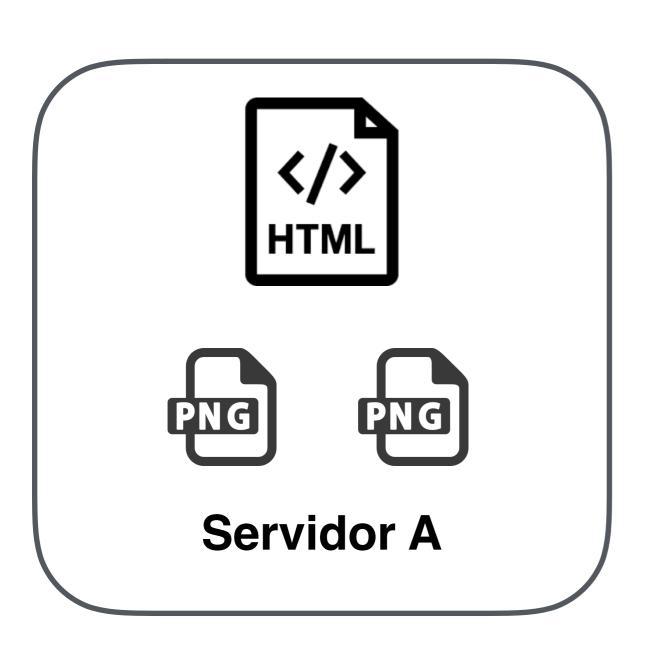
- Dolor ispum lorem
- Ipsum dolor

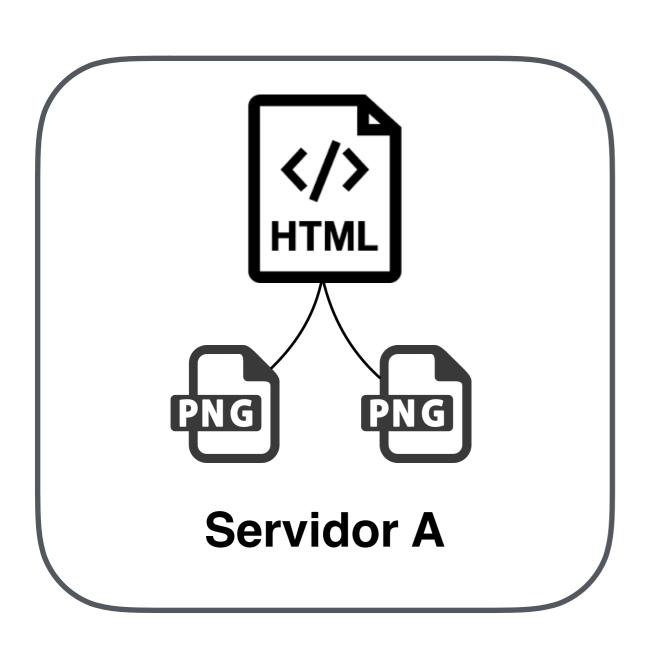
#### **Dolor** ispum

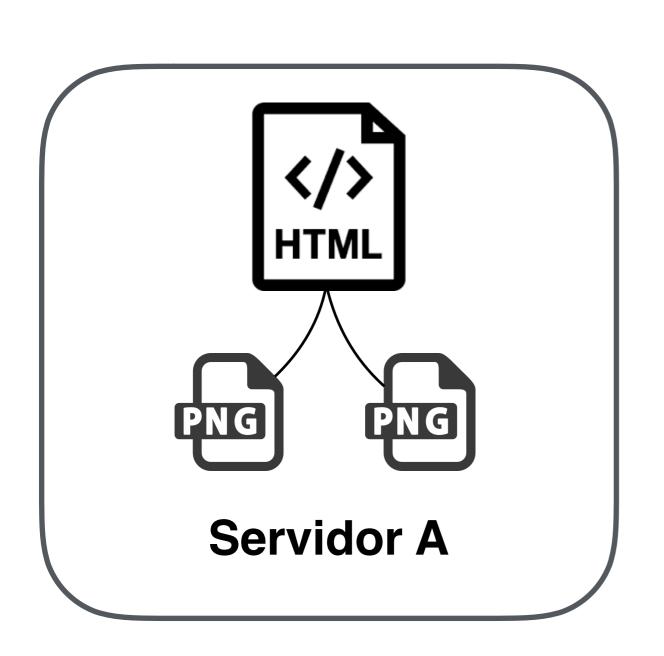
Lorem ipsum dolor sit amet, consectetur adipisicing elit. Consectetur, dolores, saepe earum, magni omnis eveniet deserunt dolorem nobis expedita ea nulla laboriosam veniam dolorum cumque nihil molestias repellat sunt rerum.

#### **Ipsum dolor**

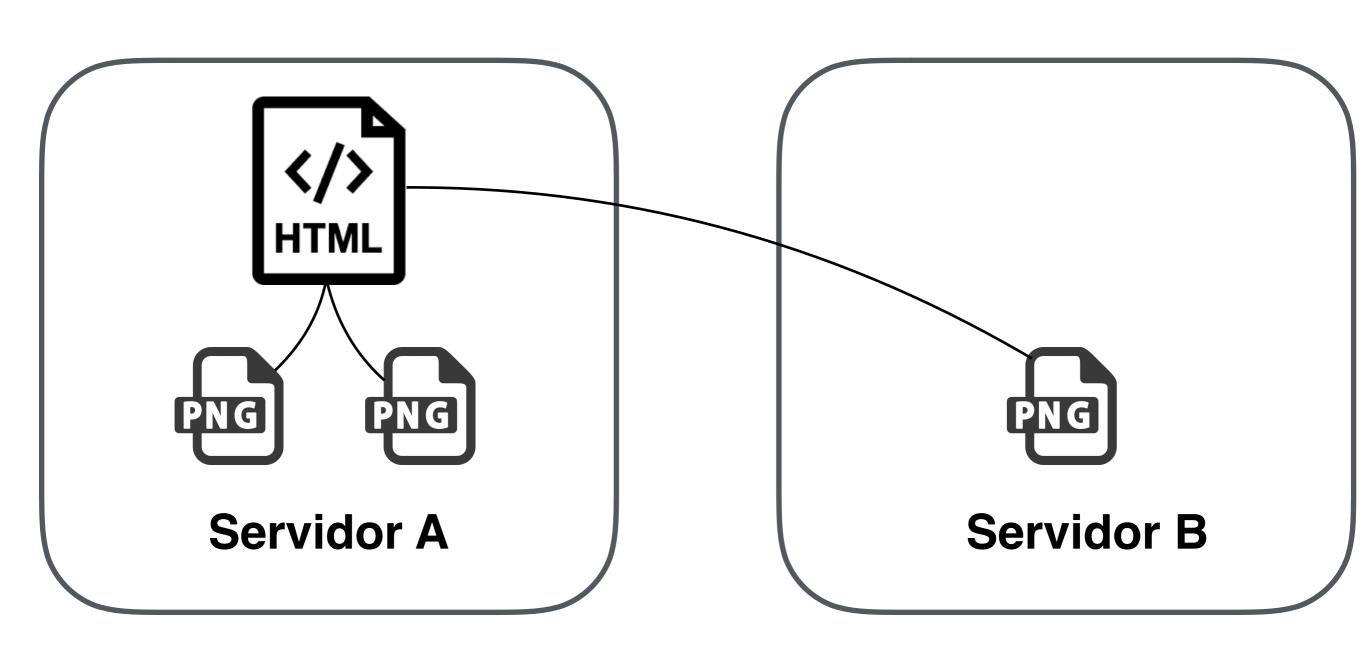
# Imagem











<img>

<img src="url">

<img src="url" alt="descrição">

# Image url

```
site

── image.png

── index.html
```

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

<img src="/image.png">

```
image.png
index.html

site
image
image
image.png
index.html

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
```

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)
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)
img/image.png (relativo)
.../img/image.png (relativo)
```

## Image link

#### Image link

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