

# INTRODUÇÃO À HTML

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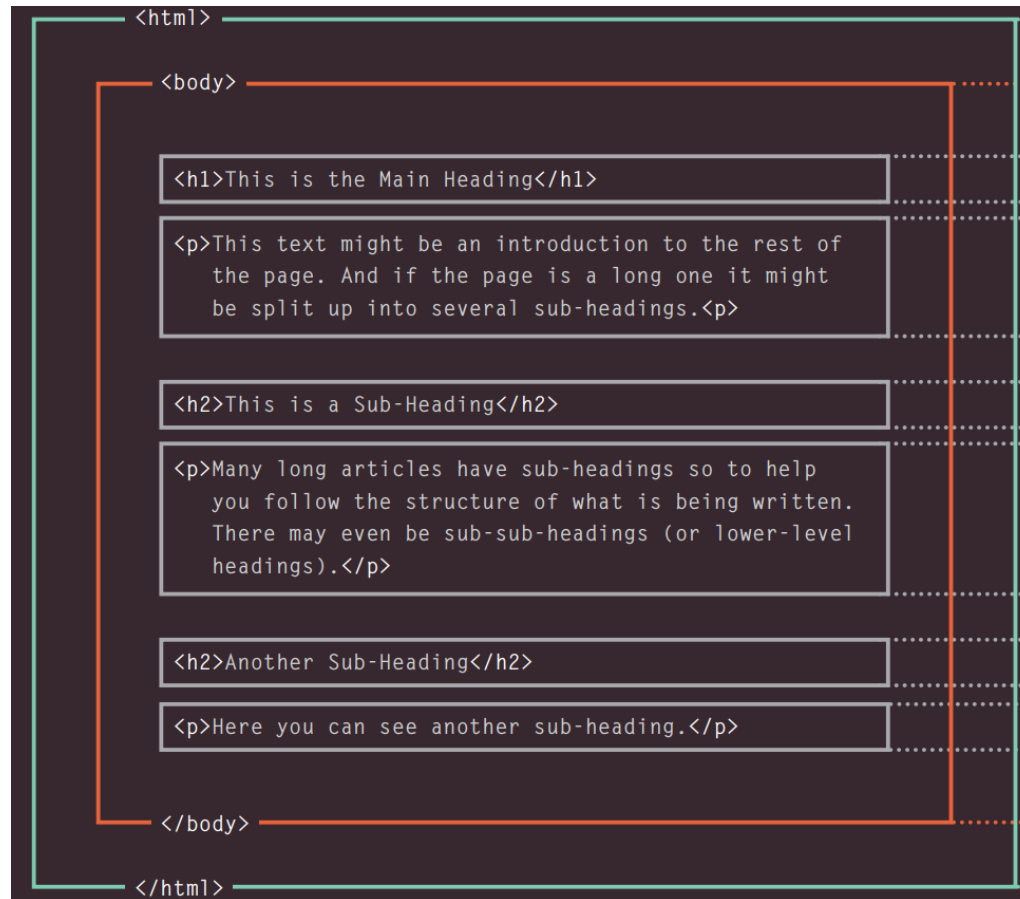
# Revisão

- HTML descreve a estrutura de páginas *web*
- HTML não descreve a apresentação (forma) das páginas

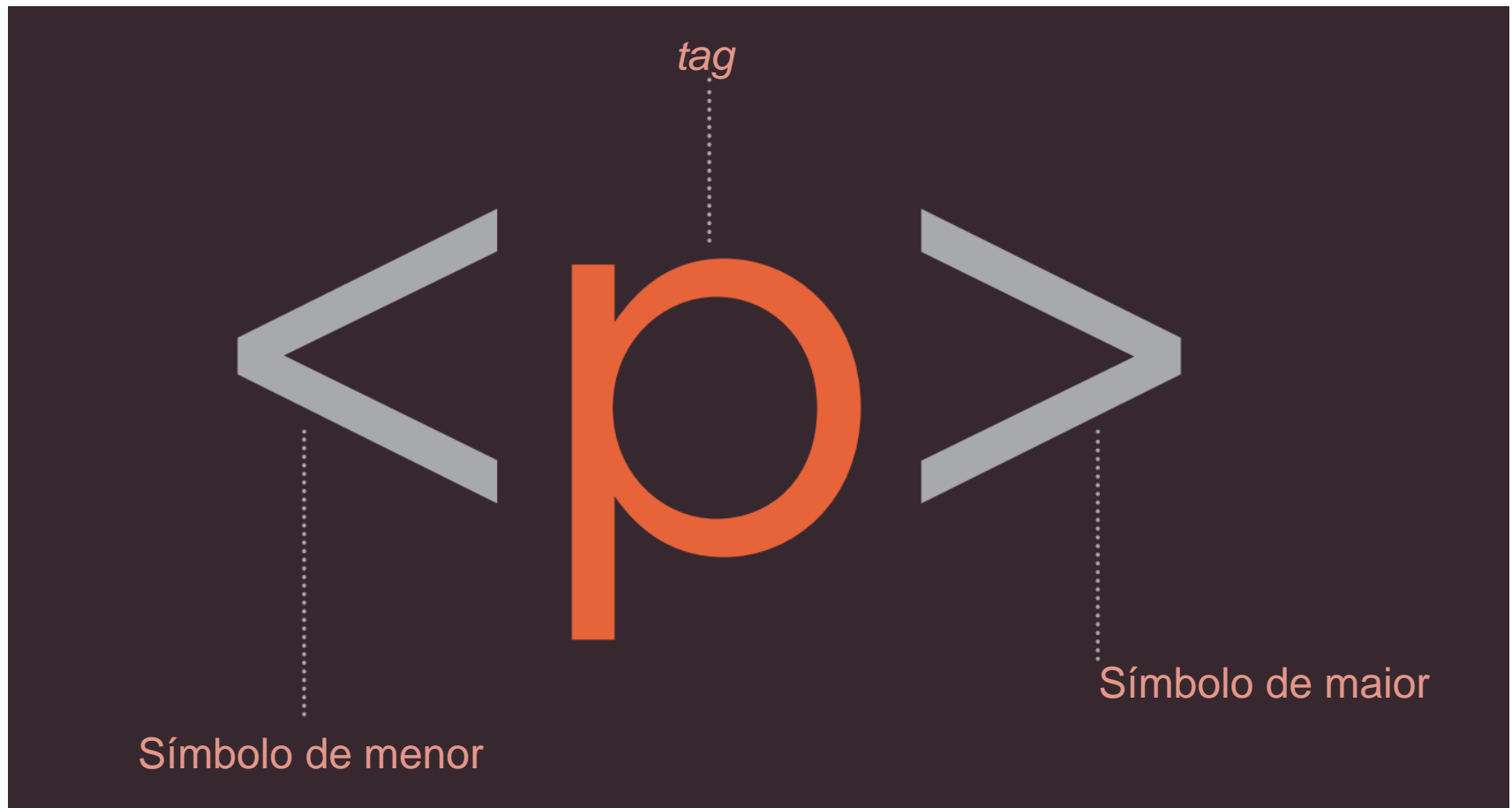
```
<html>
  <body>
    <h1>This is the Main Heading</h1>
    <p>This text might be an introduction to the rest of
      the page. And if the page is a long one it might
      be split up into several sub-headings.</p>
    <h2>This is a Sub-Heading</h2>
    <p>Many long articles have sub-headings so to help
      you follow the structure of what is being written.
      There may even be sub-sub-headings (or lower-level
      headings).</p>
    <h2>Another Sub-Heading</h2>
    <p>Here you can see another sub-heading.</p>
  </body>
</html>
```

# Revisão

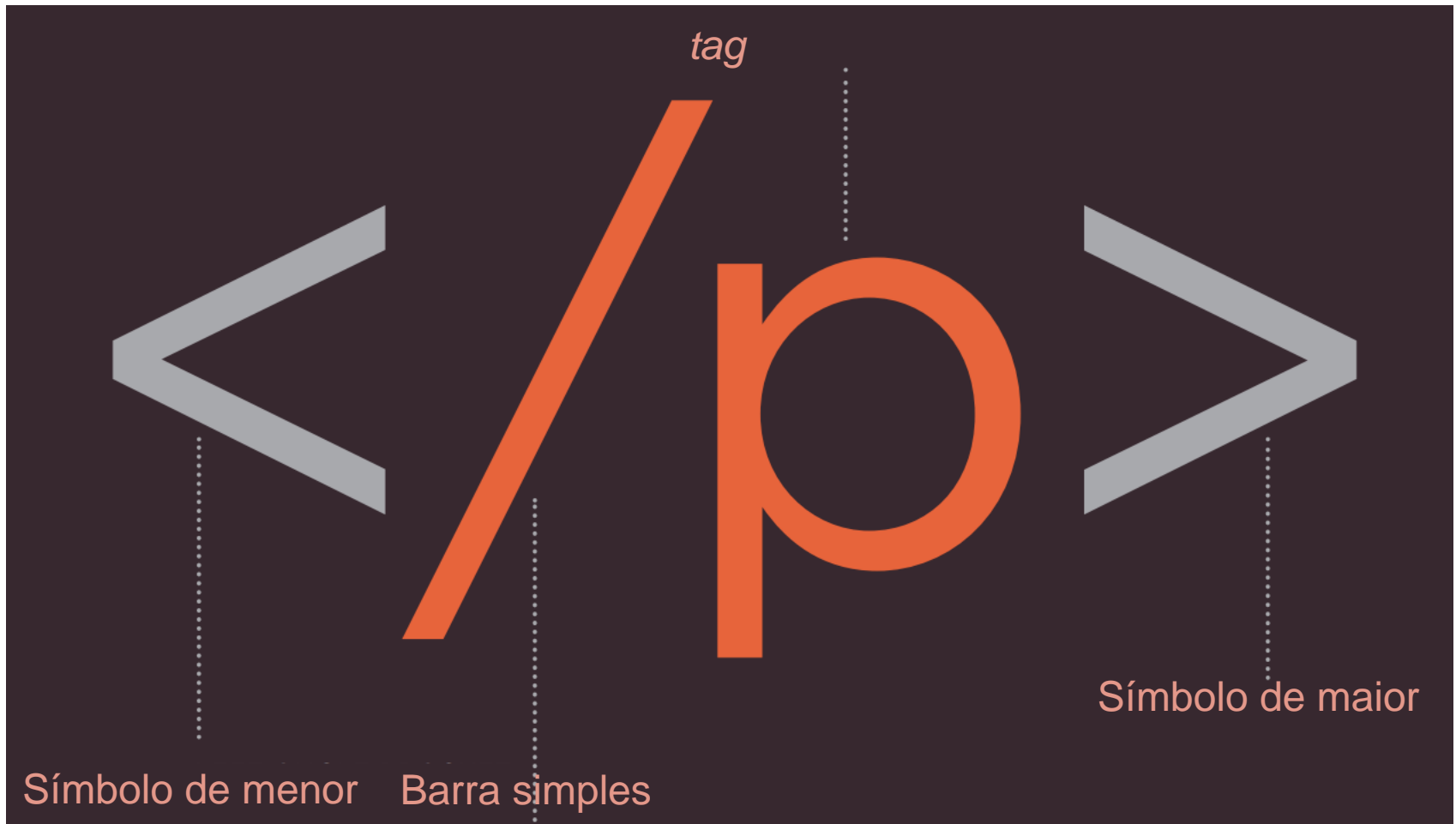
- A estrutura é definida por *tags*
- *Tags* funcionam como containers



# Revisão



# Revisão



# Revisão

- Atributos adicionam informação sobre a o elemento



```
<p lang="en-us">Paragraph in English</p>
```

- É uma boa prática sempre escrever tags em minúsculo
- É uma boa prática sempre escrever valores de atributos entre aspas duplas

# Semântica

- Tags nunca devem ser usadas por causa de como ela apresenta o texto
- Tags devem ser escolhidas por causa de seu significado
- É uma boa prática utilizar ao máximo tags de semântica no texto

# Semântica

`<strong>` - Define um texto importante

`<em>` - Define ênfase no texto

`<blockquote>` - Uma citação longa

`<abbr>` - Uma sigla ou abreviação

`<cite>` - Citação de um texto de outro autor

`<article>` - Um texto auto contido, independente



```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<article>
```

```
  <h1>Google Chrome</h1>
```

```
  <p>Google Chrome is a free, open-source web browser  
developed by Google, released in 2008.</p>
```

```
</article>
```

```
<p><strong>Note:</strong> The article tag is not supported  
in Internet Explorer 8 and earlier versions.</p>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<article>
```

```
  <h1>Google Chrome</h1>
```

```
  <p>Google Chrome is a free, open-source web browser  
developed by Google, released in 2008.</p>
```

```
</article>
```

```
<p><strong>Note:</strong> The article tag is not supported  
in Internet
```

## Google Chrome

```
</body>
```

```
</html>
```

Google Chrome is a free, open-source web browser developed by Google, released in 2008.

**Note:** The article tag is not supported in Internet Explorer 8 and earlier versions.

`<p><strong>Beware:</strong> Pickpockets operate in  
this area.</p>`

`<p>This toy has many small pieces and is <strong>not  
suitable for children under five years old.  
</strong></p>`

**Beware: Pickpockets operate in this area.**

**This toy has many small pieces and is not  
suitable for children under five years old.**

# Espaço em branco

- Quando o navegador encontra dois ou mais espaços consecutivos, ele apresenta apenas um espaço
- *White space collapsing*

<p>Um espaço espaçado.</p>

<p>Um espaço            espaçado.</p>

<p>Um            espaço espaçado.</p>

Um espaço espaçado.

Um espaço espaçado.

Um espaço espaçado.

# Quebra de linha e separadores horizontais

`<br />`

`<hr />`

```
<p>The Earth<br />gets one hundred tons heavier
every day<br />due to falling space dust.</p>
```

The Earth  
gets one hundred tons heavier every day  
due to falling space dust.

```
<p>Venus is the only planet that rotates
clockwise.</p>
```

```
<hr />
```

```
<p>Jupiter is bigger than all the other planets
combined.</p>
```

Venus is the only planet that rotates clockwise.

---

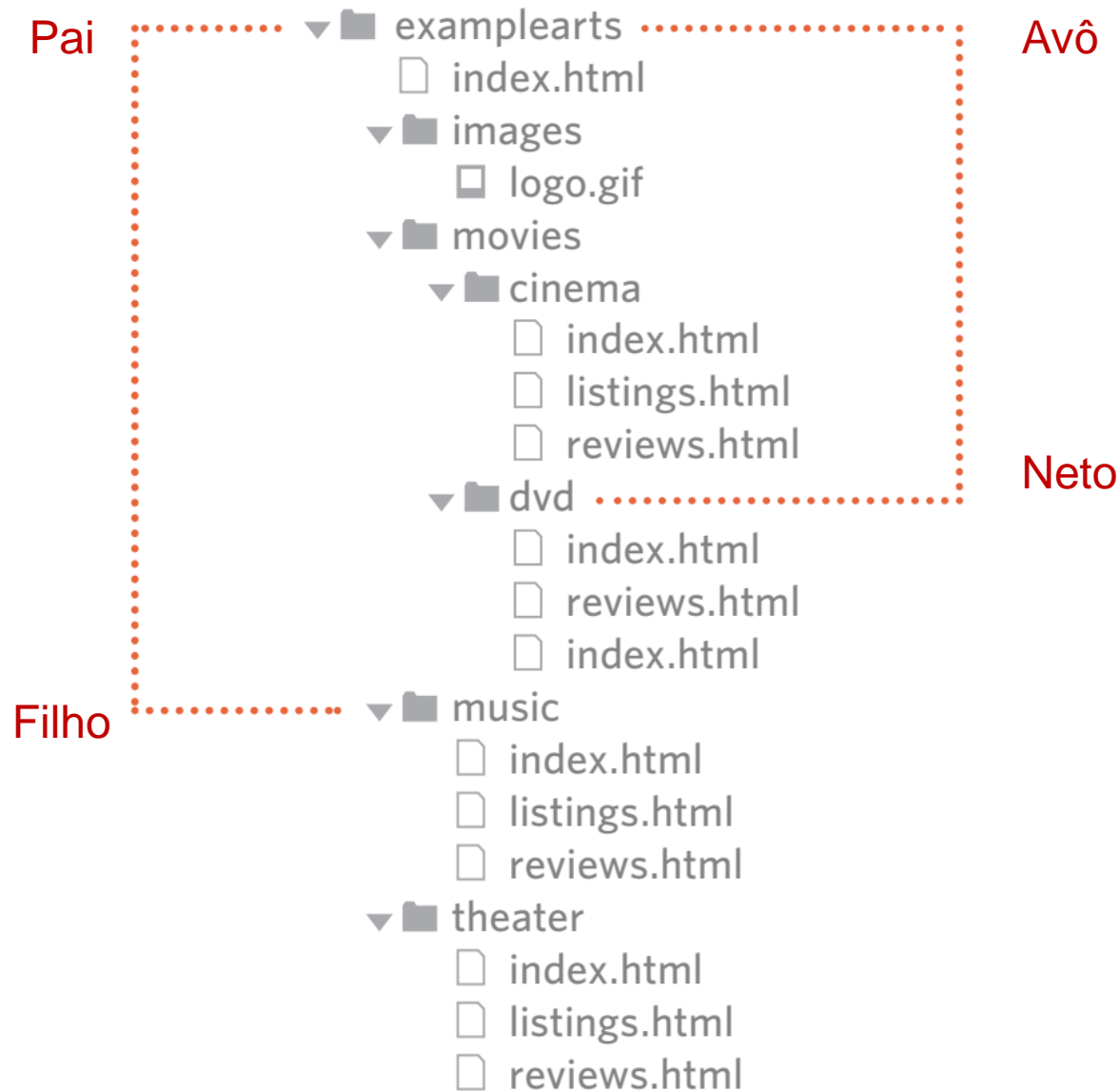
Jupiter is bigger than all the other planets combined.

# Listas aninhadas

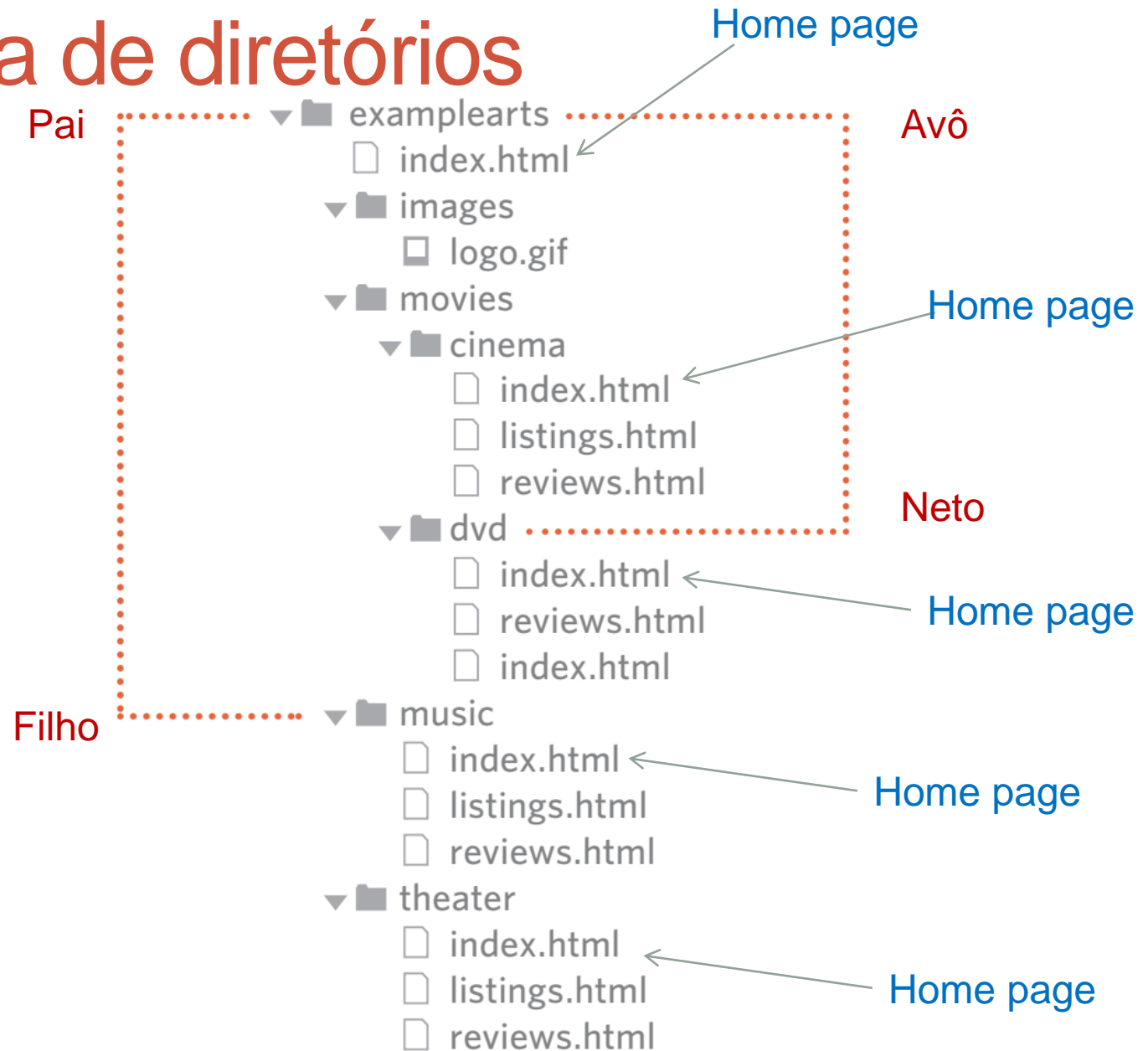
```
<ul>
  <li>Mousses</li>
  <li>Pastries
    <ul>
      <li>Croissant</li>
      <li>Mille-feuille</li>
      <li>Palmier</li>
      <li>Profiterole</li>
    </ul>
  </li>
  <li>Tarts</li>
</ul>
```

- Mousses
- Pastries
  - Croissant
  - Mille-feuille
  - Palmier
  - Profiterole
- Tarts

# Estrutura de diretórios



# Estrutura de diretórios





# Tipos de links relativos

- Mesmo diretório `<a href="reviews.html">Reviews</a>`
- Diretório filho `<a href="music/listings.html">Listings</a>`
- Diretório neto `<a href="movies/dvd/reviews.html">  
Reviews</a>`
- Diretório pai `<a href="../index.html">Home</a>`
- Diretório avô `<a href="../../index.html">Home</a>`

# Links de email

mailto:

```
<a href="mailto:jon@example.org">Email Jon</a>
```

Email Jon

# Link para partes de uma página

```
<h1 id="top">Film-Making Terms</h1>
<a href="#arc_shot">Arc Shot</a><br />
<a href="#interlude">Interlude</a><br />
<a href="#prologue">Prologue</a><br /><br />
<h2 id="arc_shot">Arc Shot</h2>
<p>A shot in which the subject is photographed by an
    encircling or moving camera</p>
<h2 id="interlude">Interlude</h2>
<p>A brief, intervening film scene or sequence, not
    specifically tied to the plot, that appears
    within a film</p>
<h2 id="prologue">Prologue</h2>
<p>A speech, preface, introduction, or brief scene
    preceding the the main action or plot of a film;
    contrast to epilogue</p>
<p><a href="#top">Top</a></p>
```

# Link para partes de uma página

```
<h1 id="top">Film-Making
<a href="#arc_shot">Arc
<a href="#interlude">Int
<a href="#prologue">Pro
<h2 id="arc_shot">Arc Shot
<p>A shot in which the s
    encircling or moving
<h2 id="interlude">Inter
<p>A brief, intervening
    specifically tied to
    within a film</p>
<h2 id="prologue">Prolog
<p>A speech, preface, in
    preceding the the ma
    contrast to epilogue<
<p><a href="#top">Top</a>
```

## Film-Making Terms

[Arc Shot](#)  
[Interlude](#)  
[Prologue](#)

### Arc Shot

A shot in which the subject is photographed by an encircling or moving camera

### Interlude

A brief, intervening film scene or sequence, not specifically tied to the plot, that appears within a film

### Prologue

A speech, preface, introduction, or brief scene preceding the the main action or plot of a film; contrast to epilogue

[Top](#)

# Links de navegação

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<nav>
```

```
<a href="/html/">HTML</a> |
```

```
<a href="/css/">CSS</a> |
```

```
<a href="/js/">JavaScript</a> |
```

```
<a href="/jquery/">jQuery</a>
```

```
</nav>
```

```
<p><strong>Note:</strong> The nav tag is not supported in  
Internet Explorer 8 and earlier versions.</p>
```

```
</body>
```

```
</html>
```

# Links de navegação

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<nav>
```

```
<a href="/html/">HTML</a> |
```

```
<a href="/css/">CSS</a> |
```

```
<a href="/js/">JavaScript</a> |
```

```
<a href="/jquery/">jQuery</a>
```

```
</nav>
```



**Note:** The nav tag is not supported in

Internet Explorer 8 and earlier versions.

**Note:** The nav tag is not supported in Internet Explorer 8 and earlier versions.

# Armazenando imagens no site

- É uma boa prática armazenar todas as imagens em um diretório reservado para isso

|   |                             |                     |       |                                   |
|---|-----------------------------|---------------------|-------|-----------------------------------|
|  | about.html                  | 24 June 2011 20:01  | 4 KB  | HTML document                     |
|  | contact.html                | 28 March 2011 05:16 | 4 KB  | HTML document                     |
|  | images                      | Today, 18:13        | --    | Folder                            |
|  | chocolate-islands.jpg       | Yesterday, 16:21    | 86 KB | JPEG image                        |
|  | lemon-posset.jpg            | Yesterday, 17:28    | 25 KB | JPEG image                        |
|  | logo.gif                    | Yesterday, 16:12    | 4 KB  | Graphics Interchange Format (GIF) |
|  | roasted-brussel-sprouts.jpg | Yesterday, 17:15    | 37 KB | JPEG image                        |
|  | zucchini-cake.jpg           | Yesterday, 15:59    | 20 KB | JPEG image                        |
|  | index.html                  | Yesterday, 17:53    | 4 KB  | HTML document                     |

# Regras para usar imagens

1. Salve imagens no formato correto
2. Salve imagens nas dimensões corretas
3. Use a resolução correta





JPEG



gif

# HTML5: figure e figure caption

```
<figure>
```

```
  
```

```
  <br />
```

```
  <figcaption>Sea otters hold hands when they  
    sleep so they don't drift away from each  
    other.</figcaption>
```

```
</figure>
```

# HTML5: figure e figure caption

```
<figure>
```

```
  
```

```
  <br />
```

```
  <figcaption>Sea otters  
    sleep so they  
    hold hands.</figcaption>
```

```
</figure>
```



Sea otters hold hands when they sleep so they don't drift away from each other.



# Exercícios

- Criar um site para um jornal
- O jornal deve ter pelo menos 3 seções (política, esporte, etc)
- Deve conter dados textuais e de imagens
- Utilizar todas as tags de semântica
- Estruturar o site em pastas
- Imagens devem estar em uma pasta imagem