

CSI477 – Sistemas para a WEB I



UFOP

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1º semestre de 2017

Nota de uso

Este material foi produzido a partir das recomendações do W3C, e tem como principal referência textos e exemplos retirados de [〈http://www.w3.org/TR/html〉](http://www.w3.org/TR/html).

Introdução

- HyperText Mark-up Language – **HTML**;
- Criado por Tim Berners-Lee;
- **Versão atual:** HTML5.1 → `<http://www.w3.org/TR/html/>`
- **Definição:** *HTML 5.1 W3C Recommendation, 1 November 2016*
- `<https://github.com/w3c/html/>`
- **Versões anteriores:**
 - HTML 5 – *W3C Recommendation 28 October 2014*
 - HTML 4.01 Specification – *W3C Recommendation 24 December 1999*

Introdução

HTML5

- **Novos elementos** – melhor estruturação, mídia, dentre outros;
- **Novos atributos**;
- **Itens obsoletos** – [〈http://www.w3.org/TR/html5/obsolete.html〉](http://www.w3.org/TR/html5/obsolete.html)
- **Mudanças 5 para 5.1** – [〈https://www.w3.org/TR/html/changes.html〉](https://www.w3.org/TR/html/changes.html)
- **HTML5 browser test**: [〈http://html5test.com/〉](http://html5test.com/)

Definições

- *Universal Resource Identifier* – **URI**

- URIs typically consist of three pieces:

- 1 The naming **scheme** of the mechanism used to access the resource.
- 2 The name of the **machine hosting** the resource.
- 3 The name of the resource itself, given as a **path**.

- Example: `<http://www.w3.org/TR>`

- This URI may be read as follows:

- 1 There is a document **available** via the **HTTP protocol**;
- 2 This is residing on the **machine** `<www.w3.org>`, accessible via the **path** `“/TR”`.

- **Other schemes** you may see in HTML documents include **“mailto”** for email and **“ftp”** for FTP.

Definições

■ Fragment identifiers:

- This kind of URI ends with "#" followed by an anchor identifier (called the fragment identifier).
- `<http://somesite.com/html/top.html#sectionb>`

■ Relative URIs:

- A relative URI doesn't contain any naming scheme information.
- Its path generally refers to a resource on the same machine as the current document.

` Suppliers `

Definições

- **Syntax:** `<https://www.w3.org/TR/html/syntax.html#syntax>`
- **Elements:** `<https://www.w3.org/TR/html/syntax.html#writing-html-documents-elements>`
- **Attributes:**
`<https://www.w3.org/TR/html/syntax.html#elements-attributes>`
- **Tables:**
`<https://www.w3.org/TR/html/tabular-data.html#tabular-data>`
- **Forms:** `<https://www.w3.org/TR/html/sec-forms.html#sec-forms>`
- **The W3C Markup Validation Service:** `<http://validator.w3.org/>`

Atividades de Pesquisa e Revisão

- 1 Ler as recomendações W3C indicadas.
- 2 Acompanhar e desenvolver as atividades propostas pelo tutorial:
<<http://www.w3schools.com/html/>>

Encerramento

Muito obrigado !



Imagens retiradas de: <https://goo.gl/oajVyp> e <https://goo.gl/3H1DM7>